



The University of Sydney

# Faculty of Education Handbook 2002

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**University semester and vacation dates 2002***Summer School*

Lectures begin	Wednesday 2 January
Summer School ends	Friday 1 March

*Semester 1*

Lectures begin	Monday 4 March
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## Easter recess:

Last day of lectures	Thursday 28 March
Lectures resume	Monday 8 April
Study vacation: 1 week beginning	Monday 17 June
Examinations commence	Monday 24 June
Semester 1 ends	Saturday 6 July

*Semester 2*

Lectures begin	Monday 29 July
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## Mid-semester recess:

Last day of lectures	Friday 27 September
Lectures resume	Tuesday 8 October
Study vacation: 1 week beginning	Monday 11 November
Examinations commence	Monday 18 November
Semester 2 ends	Saturday 7 December

**Last dates for withdrawal or discontinuation 2002***Semester 1 units of study*

Last day to add a unit	Friday 15 March
Last day for withdrawal	Friday 29 March
Last day to discontinue without failure (DNF)	Friday 26 April
Last day to discontinue (Discontinued - Fail)	Friday 14 June

*Semester 2 units of study*

Last day to add a unit	Friday 9 August
Last day for withdrawal	Friday 30 August
Last day to discontinue without failure (DNF)	Friday 13 September
Last day to discontinue (Discontinued - Fail)	Friday 8 November

*Full Year units of study*

Last day for withdrawal	Friday 29 March
Last day to discontinue with permission (DNF)	Friday 2 August
Last day to discontinue (Discontinued - Fail)	Friday 8 November

Academic year information (Academic Board policy and dates 1998-2002) is available at:

[www.usyd.edu.au/su/planning/policy/acad/3\\_0aca.html](http://www.usyd.edu.au/su/planning/policy/acad/3_0aca.html).

The University of Sydney, NSW 2006

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The University of Sydney Faculty of Education Handbook 2002

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# Message from the Dean

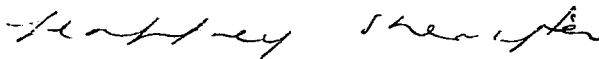
I would like to extend my best wishes to all students coming into the Faculty of Education and I hope your stay with us will be rewarding for you, both personally and professionally. Established in 1986, the Faculty of Education is one of the largest and most highly respected in Australia and you can be assured the programs of study you will pursue will be based on up-to-date research and best practice. I am sure you will find them stimulating and thought provoking.

Broadly, the academic concerns of the Faculty are: the study of education as a social science, the professional preparation of educators, the extension through research of knowledge in the field of education, and the provision of special services to governmental and community agencies and policy makers and to other institutions.

The Faculty is involved in offering students a broad range of distinct but interrelated patterns of courses. First, there are the undergraduate generalist courses, Education 100, Education 200 and Education 300, which promote the understanding of Education as a social science. These courses are an essential part of the Bachelor of Education degree and are also offered in several other faculties. Second, there are pre-service teacher education programs leading to the Bachelor of Education degree, or the Master of Teaching degree. Each of these is offered in the areas of both primary and secondary education. Third, there are higher degrees (postgraduate) programs leading to the degrees of Master of Philosophy in Education, Master of Education, Doctor of Education and Doctor of Philosophy.

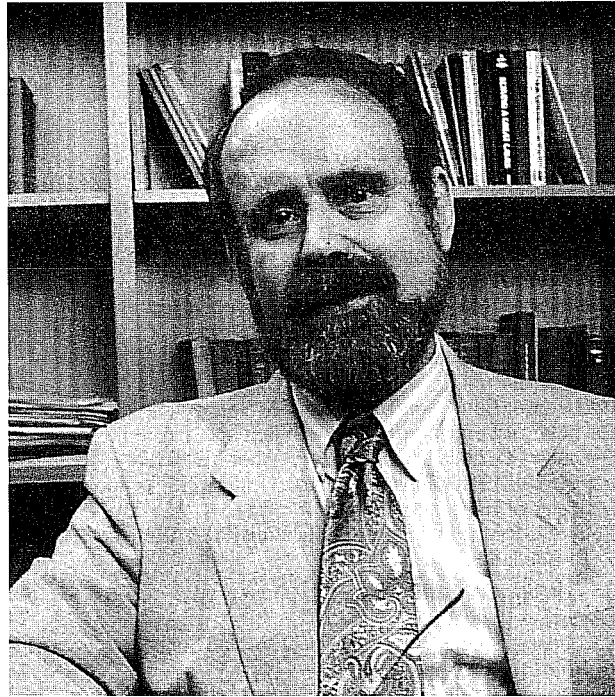
It is very apparent that students and staff are finding the new Education Complex an exciting place to be. The new buildings were purpose built for the Faculty in 1992. The world class facilities for the teaching of education include extensive computer and Information Technology facilities and laboratories, a dance studio, art workshops, a music laboratory, a bio-mechanics laboratory, a television studio and much more.

While our working environment is probably the best in Australia, the significant thing will be the quality of the interactions established amongst staff and students as new ideas are explored and critical issues pursued. I hope all students will take full advantage of what we can offer. My special hope would be that, having completed undergraduate studies with us, you will want to proceed with further work which will involve wider reading and, perhaps, some original research. If you do, we have an array of postgraduate programs which will suit your needs and provide an exciting challenge.



---

Geoff Sherington, Dean



# 1 Guide to the Faculty

## ■ The Faculty of Education

Education Building, A35  
The University of Sydney  
NSW 2006  
Phone: (02) 9351 2634  
Fax: (02) 9351 5027

Email: all staff in the Faculty may be contacted by e-mail. Simply take the first initial and family name of the staff member (eg, j. smith) and add it to '@edfac.usyd.edu.au'. If you want to contact John Smith, email him as follows: [j.smith@edfac.usyd.edu.au](mailto:j.smith@edfac.usyd.edu.au). Alternatively, you may email 'enquiries' by sending an email directly from the web site, [www.edfac.usyd.edu.au](http://www.edfac.usyd.edu.au).

*Dean*

Professor Geoffrey Sherington

*Pro-Dean*

Associate Professor Phillip Jones

*Associate Deans*

Associate Professor Gerard Sulhvan (Division of Undergraduate Studies)

Associate Professor Phillip Jones (Research)

Associate Professor Len Unsworth (Division of Graduate Studies)

*Faculty Manager*

Shona Smith

*Manager, Student Administration*

Paula Simpson/Maria McQuilty

*Administrative Officer (Division of Graduate Studies)*

Robert Wilcox

*Administrative Officer (Master of Teaching)*

Maria-Grace Guerreiro

*Administrative Officer (Division of Undergraduate Studies)*

Maria McQuilty

*Professional Experience Coordinators*

Faye Barnes

Robyn Hector

*Administrative Assistants*

Gilbert Cheng

Tanya Keane

Maryke Sutton

Lorraine Wildman

*Manager, Finance and Facilities*

Gowrie Guhan

*Administrative Assistant*

Anthea Lo

*Director, Professional Development*

Brent Corish

*Administrative Assistants*

Susan Kyle

Amanda Gruhn

## ■ Schools, divisions and centres

### School of Development and Learning

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Executive Assistant: Ms Cecilia Rigor- Aguilar

### School of Policy and Practice

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Head of School: Associate Professor Gerard Sullivan

Executive Assistant: Ms Marion Lupton

### Division of Graduate Studies

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Head of the Division: Associate Professor Len Unsworth

### Division of Undergraduate Studies

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### Division of Research

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Head of the Division: Associate Professor Phillip Jones

### Division of Professional Development

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Fax: (02) 9351 6249

Email: [b.corish@edfac.usyd.edu.au](mailto:b.corish@edfac.usyd.edu.au)

Head of the Division: Mr Brent Corish

### Centre for Research and Teaching in Civics

Phone: (02) 9351 2028

Fax: (02) 9351 6256

Email: [civics@edfac.usyd.edu.au](mailto:civics@edfac.usyd.edu.au)

Director of the Centre: Associate Professor Murray Print

### China Education Centre

Phone: (02) 9351 3834

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Email: [r.holenbergh@edfac.usyd.edu.au](mailto:r.holenbergh@edfac.usyd.edu.au)

Chair of the Centre: Ms Rosita Holenbergh

### Evelyn McCloughan Children's Centre

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Director of the Centre: Dr Paul Whiting

### Health Education unit

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Head of the unit: Ms Meg Pickup

## ■ Course directors - Bachelor of Education

### Primary

*Co-Course Directors*

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### Design and Technology

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**Human Movement and Health Education**

*Course Director*

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**Combined courses: BEd/BA, BEd/BSc(Science), BEd/  
BSc(Mathematics)**

*Course Director*

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**Bachelor of Education/Bachelor of Arts (Psychology);  
Bachelor of Education/Bachelor of Science  
(Psychology)**

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**Humanities & Social Sciences (old Resolutions)**

*Course Director*

Mr John Hughes

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**Honours**

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## 2 Bachelor of Education degrees

Outlines of units of study offered by the Faculty of Education are in chapter 3. Units taught by the Faculties of Arts, Economics and Business, and Science are Listed in chapters 4, 5, and 6 respectively. Units of study are also described in the database on the University's web site at [www.usyd.edu.au](http://www.usyd.edu.au).

Regulations and policies relating to degrees can be found in chapter 7.

### *Important note*

All Bachelor of Education students who are intending or are likely to seek employment at any time in the future with the New South Wales Department of School Education must enrol in Special Education: Inclusive Schools and one in Health and Physical Education.

### ■ Bachelor of Education (Primary Education)

#### *Co-Course Directors*

Dr Robyn Gibson

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The Bachelor of Education (Primary Education) is a four year full-time degree course preparing students to work in primary schools and other contexts with young children (aged 5-12 years) in Years K-6.

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. Alongside these, units in generalist education and professional studies are undertaken in the Faculty of Education.

Generalist education studies examine education as a social science and look at issues of policy and social theory. Studies in these areas carry on through the first three years of the course. In the first year, students are also required to take a Science Foundations unit, which gives students a grounding in the four major science areas: Physics, Chemistry, Biology and Geology. Professional learning, that is studying methods of teaching and including practice teaching, begins in second year.

Students will be introduced to teaching through small group teaching in schools and in out-of-school facilities which 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 the final year, students may elect to undertake either a third year in say, English or Psychology, for example, or may take one of a range of Special units offered within the Faculty. These include Special Education, Teaching English to Speakers of Other Languages (TESOL), Creative Arts, Languages, Judaic Studies and Aboriginal Studies. Completion of one of these Special Courses is equivalent to a major study (third year or 300 level) and equips students with an additional teaching method.

Students may also specialise in specific areas of the curriculum and/or areas of professional practice by enrolling in the honours program which begins in third year. This will entail studies in research methods and the preparation of a thesis in the final year. Honours is also available in the subject students take through Arts, Science and/or Economics and Business.

The Primary Program prepares graduates who have:

- a broad general 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 roles of teachers, and the purposes and functions of schooling;

- knowledge, attitudes and attributes required for the effective performance of the complex tasks and responsibilities of primary 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;
- ability to analyse critically new professional and policy developments.

#### *Note*

From 1996, if you intend seeking 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). Students who have not met such requirements should consult the Program Director. 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. This schedule is currently being reviewed and may change:

#### *Year I*

- Education 101 and 102 and
- Science Foundations A and B; and
- Two Junior (level 100) units of study chosen from those offered by the Faculty of Arts - eg, History, English, Anthropology Religious Studies, French, Arabic, Japanese, Philosophy; and
- Two Junior (level 100) units of study chosen from those offered by the Faculties of Arts, Science, and Economics and Business.

#### *Year II*

- Two 200 Level one-semester units of study in Education; and
- Professional Studies, comprising separate semester units of study in Language, Mathematics, Music, Visual Arts, Science and Technology, Human Society and its Environment, Physical Education, Teaching and Curriculum (including 8 days practice teaching and 12 hours field experience with children in a non-school context); and
- Two Senior (level 200) units of study offered by the Faculties of Arts, Science, or Economics and Business.

#### *Year III*

- Four 300 Level one-semester units of study in Education (The unit of study 'Special Education: Inclusive Schools' is compulsory if you are seeking employment with the Department of Education and Training); and
- Professional Studies, comprising two sessions of practice teaching consisting of 2 blocks of 12 days; separate semester courses in Language, Mathematics, Teaching and Curriculum, Drama, Personal Development and Health, Science and Technology Education, Aboriginal Education, Teaching English to Speakers of Other Languages (TESOL). (If you wish to take Honours the program begins in Year III with *Beginning Educational Research and Methodologies and Educational Research*. See separate entry at the end of this section.)

#### *Year IV*

- Professional Studies, comprising 2 sessions of practice teaching consisting of 28 days in two blocks; separate semester units in Language, Mathematics, Teaching Children with Special Needs, Teaching and Curriculum, Visual Arts, Music, PE (Gym and Dance), Personal Development and Health, Science and Technology, and Human Society and its Environment and either a Senior (Level 300)/Third Year unit offered by the Faculties of Arts, Science, or Economics and Business or a Special Unit offered by the Faculty. Some of these currently being offered are: Teaching English to Speakers of Other Languages; Creative Arts; Languages



Other Than English (LOTE); Special Education; and Aboriginal Studies. (If you are taking Honours, during this year you will write up and submit your thesis)

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

### Course Director

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The Bachelor of Education (Secondary - Human Movement and Health Education) is a four year full-time teacher education degree that prepares students to teach physical education and health education, primarily within secondary school contexts although some opportunity 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 fitness.

In the first year of this degree students take two Education units which examine education as a social science and look at issues in policy and social theory; two science units: Human Bioscience and Sport Mechanics which give a grounding in biology and physics that will be built on in human movement and health education units in later years; and any four other units selected from the faculties of Arts, Science, and Economics and Business.

In the second year, students begin professional studies in Human Movement and Health Education, making up one third of the year's work. This includes 15 days of Practice Teaching in a primary school, at the end of Semester two. Education units make up one third of the work, one unit on educational and developmental psychology and one unit on social perspectives. The other third of the work is made up of two units selected from one of the faculties of Arts, Science, and Economics and Business, usually a continuation of units selected in Year 1.

In the third year, units in Human Movement and Health Education make up two thirds of the work. Students continue with Education units with two compulsory and two chosen units, making up one third of the work. In the fourth year, only Human Movement and Health Education units are undertaken. In both Year 3 and Year 4, there are 20 days of Practice Teaching in a secondary school.

Students with a credit average in their results in Year 2 Education units may do Honours, beginning in Year 3. See separate entry at the end of this section

The Human Movement and Health Education degree 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 information relevant to the subject areas of health education, physical education, movement science, anatomy and physiology, and fitness;
- 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. This schedule is currently being reviewed and may change:

### Year I

- Education 101 and 102; and
- Human Bioscience EDUH 1016 and Sports Mechanics EDUH 1017; and
- 4 Junior/First Year units of study chosen from those offered by the Faculty of Arts (eg, History, English, Anthropology, Religious Studies, French, Arabic, Japanese, Philosophy), the Faculty of Economics and Business, and the Faculty of Science

### Year II

- Two 200 Level one-semester Units of Study in Education; and
- Two Senior (200 level) unit of study offered by the Faculties of Arts, Economics and Business or Science; and
- Professional Studies in Human Movement and Health Education, comprising:
  - EDUH 2013 Anatomy and Physiology
  - EDUH 2014 Applied Skills in Physical Education 1
  - EDUH 2015 Teaching PDHPE 1
  - EDUH 2023 Motor Learning
  - EDUH 2024 Applied Skills in Physical Education 2
  - EDUH 2025 Health Education Pedagogy 1
  - EDUH 2026 Teaching Practice 1

### Year III

- Four senior units of study selected from those offered at the 300 level in Education; and
- Professional Studies in Human Movement and Health Education, comprising:
  - EDUH 3013 Biomechanics
  - EDUH 3014 Assessment and Evaluation in PDHPE
  - EDUH 3015 Teaching PDHPE 2
  - EDUH 3016 Foundations of Health Education
  - EDUH 3023 Exercise Physiology
  - EDUH 3024 Health Education Pedagogy 2
  - EDUH 3025 Applied Skills in Physical Education 3
  - EDUH 3026 Teaching Practice 2

(Honours students take two compulsory Honours units as part of the four Education units)

### Year IV

- Professional Studies in Human Movement and Health Education, comprising:
  - EDUH 4013 Adaptive PDHPE
  - EDUH 4014 Sports Psychology
  - EDUH 4015 Administration of PDHPE and Sport
  - EDUH 4016 Health Education Pedagogy 3
  - EDUH 4017 Planning for Health Behaviour 1
  - EDUH 4023 Sports Medicine
  - EDUH 4024 Health Education Pedagogy 4
  - EDUH 4025 Planning for Healthy Behaviour 2
  - EDUH 4026 Applied Skills in Physical Education 4
  - EDUH 4027 Teaching Practice 3
- 2 Optional units selected from those offered each year. (Honours students complete a Special Honours course including a thesis. This is instead of the optional units. If you are taking Honours you will complete a Special Honours course in which you will submit a thesis)

By the end of Year 4 you are expected to complete the following requirements in your own time:

- Austswim certificate
- First Aid certificate

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

### ■ Course Director

Ms Jenny Simons

Phone: (02) 9351 6265

Fax: (02) 93514580

Email: [j.simons@edfac.usyd.edu.au](mailto:j.simons@edfac.usyd.edu.au)

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

- English
- Drama
- History
- Languages (may be taken as a double method): Arabic, Chinese, French, German, Hebrew, Indonesian, Italian, Japanese, Judaic Studies, Korean, Modern Greek
- Music



- Visual Arts
- Studies of Religion
- Teaching English to Speakers of Other Languages (TESOL)
- Geography<sup>1</sup>
- Economics<sup>1</sup>

In years 1 and 2 students engage in a broad tertiary education, which includes subjects in the Faculties of Arts and Education. 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. However, it is possible to leave the course at year three with a BA only, or at year four with a BEd only.

Honours: Students may take either degree with honours. Honours units begin in year 3. See separate entry at the end of this section.

The schedule of studies for *the* five years of the degree follows. This schedule is currently being reviewed and may change:

#### Year I

- Education 101 and 102 (12 credit points); and
- Six 100 level units of study chosen from those offered by the Faculty of Arts (two units must be teaching subjects) (36 credit points)

#### Year II

- Two 200 level one-semester units of study in Education (16 credit points); and
- Four 200 level units of study chosen from those offered by the Faculty of Arts (continuation of teaching subjects) (32 credit points)

#### Year III

- Two 300 level one-semester units of study in Education (8 credit points); and
- Curriculum Methods units (16 credit points); and
- Teaching and learning units of study (including 25 days practice teaching) (16 credit points); and
- One one-semester unit of study from those offered by the Faculty of Arts in the major area of study (8 credit points)

#### Year IV

- Two 300 level one-semester units of study in Education (8 credit points); and
- Curriculum Methods units (16 credit points); and
- Teaching and learning units of study (including 20 days practice teaching) and 25 days internship (16 credit points); and
- Units of study to complete requirements for the BA (8 credit points).

#### Year V

- Professional units for third method (includes 10 days practice teaching); or
- Advanced Teaching unit; or
- Honours Thesis (16 credit points); and
- Internship (40 days) (8 credit points)
- Units of study to complete requirements for the BA (24 credit points).

## ■ Bachelor of Education (Secondary: Science)/Bachelor of Science

### Course Director

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Email: [j.simons@edfac.usyd.edu.au](mailto:j.simons@edfac.usyd.edu.au)

This degree prepares students to teach in one or more of the following areas in secondary schools:

- Science/Computing Studies/Geography/Mathematics

Students must complete a major in one science area - ie, Biology, Chemistry, Geology or Physics (or a corresponding major such as Agricultural Chemistry, Anatomy and Histology, Biochemistry, Cell Pathology, Geophysics, Marine Science, Microbiology, Pharmacology, Physiology or Soil Science) and at least one year of study in a second science (from the four broad

1. Students may major in these subjects but will need another Arts major in order to graduate with a BA.

science areas). At least 1 year (12 units) 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, Mathematics or Computing Studies. In years I and II students engage in a broad tertiary education, which includes subjects in the Faculty of Science and the Faculty of Education. 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. However, it is possible to leave the course at year three with a BSc only, or at year four with a BEd only.

The program is strongly supported by laboratory work and school experiences, designed to produce highly qualified sought after graduates.

Honours: Students may take either degree with honours.

Honours units begin in year 3. See separate entry below.

The schedule of studies for the five years of the degree follows. This schedule is currently being reviewed and may change:

#### Year I

- Education 101 and 102 (12 credit points); and
- Junior science discipline areas of mathematics and statistics (12 credit points); and
- Junior units of study in science subject areas, including at least 12 junior units of study from each of two science subject areas other than mathematics or statistics (24 credit points).

#### Year II

- Two 200 level one-semester units of study in Education (16 credit points); and
- Two 200 level one-semester units of study from science subject areas (16 credit points); and
- Two 200 level one-semester units of study chosen from those offered by the Faculty of Science (16 credit points)

#### Year III

- Two 300 level one-semester units of study in Education (8 credit points); and
- Curriculum Methods units (16 credit points); and
- Teaching and learning units of study (including 25 days practice teaching) (16 credit points); and
- One one-semester unit of study from those offered by the Faculty of Science in the major area of study (8 credit points)

#### Year IV

- Two 300 level one-semester units of study in Education (8 credit points); and
- Curriculum Methods units (16 credit points); and
- Teaching and learning units of study (including 20 days practice teaching) and 25 days internship (16 credit points); and
- One one-semester unit of study from those offered by the Faculty of Science in the major area of study (8 credit points).

#### Year V

- Professional units for third method (includes 10 days practice teaching); or
- Advanced Teaching unit; or
- Honours Thesis (16 credit points); and
- Internship (40 days) (8 credit points)
- Units of study to complete requirements for the BSc (24 credit points).

## ■ Bachelor of Education (Secondary: Mathematics)/Bachelor of Science

### Course Director

Ms Jenny Simons

Phone: (02) 9351 6265

Fax: (02) 9351 4580

Email: [j.simons@edfac.usyd.edu.au](mailto:j.simons@edfac.usyd.edu.au)

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

- Mathematics/Computing Studies

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 Computing Studies or a wide range of Science subject areas. 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. However, it is possible to leave the course at year three with a BSc only, or at year four with a BE only.

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. Honours: Students may take either degree with honours. Honours units begin in year 3. See separate entry at the end of this section.

The schedule of studies for the five years of the degree follows. This schedule is currently being reviewed and may change:

**Year I**

- Education 101 and 102 (12 credit points); and
- Four 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**

- Two 200 level one-semester units of study in Education (16 credit points); and
- Four 200 level one-semester units of mathematics or statistics (16 credit points); and
- Two 200 level units of study chosen from those offered by the Faculty of Science (16 credit points)

**Year III**

- Two 300 level one-semester units of study in Education (8 credit points); and
- Curriculum Methods units (16 credit points); and
- Teaching and learning units of study (including 25 days practice teaching) (16 credit points); and
- Two 300 level one-semester units of mathematics or statistics (8 credit points)

**Year IV**

- Two 300 level one-semester units of study in Education (8 credit points); and
- Curriculum Methods units (16 credit points); and
- Teaching and learning units of study (including 20 days practice teaching) and 25 days internship (16 credit points); and
- Two 300 level one-semester units of mathematics or statistics (8 credit points)

**Year V**

- Professional units for third method (includes 10 days practice teaching) or
- Advanced Teaching unit; or
- Honours Thesis (16 credit points); and
- Internship (40 days) (8 credit points)
- Units of study to complete requirements for the BSc (24 credit points).

**■ Bachelor of Education/Bachelor of Arts (Psychology)**

**■ Bachelor of Education/Bachelor of Science (Psychology)**

This program prepares graduates who will qualify as school counsellors as well as teachers in secondary schools, either in a specified Science discipline area, or a Humanities area (such as English, History or ESL).

Students study Arts or specified Science subjects which they will be teaching in secondary schools and at the same time complete a major in psychology. Education and professional teaching practice are also studied, and there is provision for professional experience in teaching as well as an applied research component in Psychology. The fourth and fifth years of the degree enable students to complete the equivalent of an honours program in Psychology, as well as specialist studies in School Counselling. The major in Arts or Science (Chemistry, Physics or Mathematics) is also completed in the fifth year.

*Course Director*

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**Year 1**

Psychology 1001 and Psychology 1002  
 Education 1001 and Education 1002  
 2-4 School Visits  
 Arts or Science (Phys or Chem & Maths)

**Year 2**

Psychology 2111,2112,2113,2114  
 Education 2002: Social Perspectives,  
 3021: Special Ed: Inclusive Schools.  
 1 Education 3 unit (sociology strand)  
 In-school experiences with School Counsellor 6 single days  
 Arts/Science (teaching subject/s)

**Year 3**

Psychology 3202,3206, 3201,3209, 3203, 3208, 3214,3211  
 Professional Practice of Teaching  
 Introduction to Teaching Method  
 Teaching Method Unit 1,2  
 Professional Experience (Teaching) (15 days)

**Year 4**

Psychology 4 (GDS (Psych) Stage 1)  
 Developmental research project  
 Psychology 4 (GDS (Psych) Stage 1)  
 School Counselling  
 Teaching Method Unit 3,4  
 Professional Experience (Teaching) (20 days)  
 1d/wk (13 wks) in schools Counselling  
 In-school research project (Counselling)

**Year 5**

Psychology 4 (GDS (Psych) Stage 2)  
 School Counselling  
 Teaching Internship (20 half days)  
 2d/wk(13wks) in schools counselling  
 Arts/Science complete major study

**■ Bachelor of Education (Secondary: Aboriginal Studies)**

For further information about this Block Mode program please contact:

Dr Arthur Smith

The Koori Centre

Phone: (02) 9351 6995

Fax: (02) 9351 6923

Email: [a.smith@koori.usyd.edu.au](mailto:a.smith@koori.usyd.edu.au)

The Faculty of Education may admit to candidature for the Bachelor of Education (Secondary: Aboriginal Studies) degree an Aboriginal or Torres Strait Islander person 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 program. This program is designed specifically for Indigenous people. Units of study provide for both on and off campus blocks of study during regular university semester times. One week in Sydney six times a year is a typical pattern.

**Requirements for the degree**

To qualify for the Bachelor of Education (Secondary: Aboriginal Studies) degree, a candidate must complete a total of 96 credit points comprising all the units of study listed in the table of units of study for the degree. Students are required to complete the following units of study:

Unit of study	Credit points
<i>Year 1</i>	
EDUS 2016 Experiential Learning in History	2
EDUS 4044 Teaching World War 1	2
EDUS 4605 Teaching the Historical Environment	2

Unit of study		Credit points
EDUF 3021	Special Education: Inclusive Schools	4
EDUF 3113	Ethnic Relations and Education	4
EDUF 3134	Developing Gendered Identity	4
KOCR 2101	Indigenous Australians: Land and Culture	8
KBED 3201	Practicum 2	4
KBED 4102	Teaching Stages 4-5 Aboriginal Studies	4
HSTY 2014	Australian Social History	8
HSTY 1043	Modern European Politics and Culture	6
	Total:	48
<b>Year II</b>		
EDUF 3003	Evaluation and Measurement in Education	4
EDUF 4010	Teaching and Learning: Reflective Teaching Curriculum Planning	4
EDUF 4012	Teaching and Learning: Learners with Special Needs	2
EDUF 4013	Teaching and Learning: Coaching School Sport	2
EDUF 4014	Teaching and Learning: Preparation for Entering the Profession	2
EDUF 4015	Teaching and Learning: Issues in School Health	2
EDUS 4041	Teaching Ancient History	2
EDUS 4042	Teaching Modern History	2
KBED 4101	Practicum 3A	2
KBED 4103	Teaching Stage 6 Aboriginal Studies,	2
KBED 4201	Practicum 3B	2
KBED 4202	Aboriginal Studies Research Project	2
KBED 4203	Racism in Education	4
HSTY 2042	Indigenous Experiences of Decolonisation	8
KOCR2102	Indigenous Australians: Policy and Power	8
	Total:	48

## ■ Bachelor of Education (Secondary: Design and Technology)

### Course Director

Ms Marianne Hulsbosch

Phone: (02) 9351 3159

Fax: (02) 9351 5662

Email: [m.hulsbosch@edfac.usyd.edu.au](mailto:m.hulsbosch@edfac.usyd.edu.au)

This Degree prepares students to undertake studies at the University as well as completing two Level 4 Certificates within TAFE, thus preparing them to teach Design and Technology as well as either Food Technology/Hospitality or Information Technology in secondary schools.

The program involves studies in Design and Technology offered through TAFE and Education and further curriculum studies at the University.

In Year 1 students complete a Level 4 TAFE Certificate in either Hospitality (Catering Operations) or Information Technology (Client Services) at TAFE. Entry to year 2 of the Program requires completion of the HSC, successful completion of the specified Level 4 Certificate in Year 1, successful submission of a portfolio for entry into Design Fundamentals: Applied Studies Level 4 Certificate at Enmore Design Centre and approval following an interview by the Faculty.

The schedule of studies for years 2-4 of the Degree is as follows.

### Year II

° Design Fundamentals 1 - applied studies through TAFE

- Education I - EDUF 1011 and EDUF 1012
- Food Science 1 & 2 OR Information Technology & Processes 1 & 2
- Teaching Design & Technology IA/IB including in-school observation (5 days)
- Teaching and Learning I

### Year III

- Design Fundamentals 2 - applied studies through TAFE
- Education II - EDUF 2005 and EDUF 2002
- Health and Sport
- Teaching Design & Technology II
- Professional Experience 1 (20 days)

### Year IV

- Education III - EDUF 3021 (Special Education) plus another unit of study
- Teaching and Learning HI
- Teaching Technology: Hospitality or Information Technology
- Food Science 3 & 4 OR Software Design and Development 1 & 2
- Teaching Design and Technology TTTA/IIIK
- Professional Experience 2 (40 days)
- Graduating Design Project (school based).

## ■ Bachelor of Education (Honours)

### Faculty Honours Coordinator

Ms Helen Watt

Phone: (02) 9351 6390

Fax: (02) 9351 2606

Email: [h.watt@edfac.usyd.edu.au](mailto:h.watt@edfac.usyd.edu.au)

Web: [www.edfac.usyd.edu.au/staff/watuV](http://www.edfac.usyd.edu.au/staff/watuV)

The Honours program is designed for high achieving students to undertake training in educational research. To be eligible, students must have a credit average in both Education II and at least one other coherent set of 16 credit points of Year 2 coursework. If you wish to undertake Honours and if you anticipate meeting the eligibility requirements by the end of Year 2, you should enrol in the appropriate Honours coursework for Year 3. Following release of examination results your eligibility will be checked and you will be notified as to whether entry to the program has been granted. If it is not, you will need to withdraw from Honours courses prior to the HECS penalty date. Whilst a number of staff are involved in various phases of the Honours program, the two Schools within the Faculty each have a staff member designated as Honours Coordinator. These are David Smith (School of Policy and Practice, [d.smith@edfac.usyd.edu.au](mailto:d.smith@edfac.usyd.edu.au), phone (02) 9351 3767, fax (02) 9351 4580) and Helen Watt (School of Development and Learning).

The Honours program provides opportunities for students to

- Extend their Pass degree work and gain excellence in a research based study concentrating on a specific topic of their choice relevant to their own educational and professional interests
- Develop the writing and research skills which are essential to postgraduate study (successful Honours candidates will have direct entry to the postgraduate program)
- Enter the research community via attending and presenting at conferences, and publishing their research when completed
- Obtain an extra qualification of excellence which may assist their prospects of gaining high level professional positions
- Enjoy the benefit of working closely with Faculty research staff as supervisor/s
- Complete an Honours degree in the same time required to complete a Pass degree.

The Honours program begins in Year 3 with Beginning Educational Research (EDUF 3205) and Methodologies and Educational Research (EDUF 3206) in Semesters 1 and 2 respectively. Students enrol in these two courses as part of their four Education HI courses, such that they study two instead of four general Education HI courses. The first Honours course aims to introduce students to educational research. Students will develop critical awareness of the social, educational and epistemological role of educational research, enabling them to think of themselves as consumers and practitioners of educational research, and providing the conceptual basis for a broad and flexible understanding and practice. A credit result for this course is required for students to be permitted to continue onto the next Honours course. The

more advanced and specialised work in research methods. Students will choose methodology modules from those offered, with a final prescribed module intended to support students' development of a research proposal for their thesis to be undertaken in Year 4.

To continue onto Year 4, students must attain a Credit average in Year 3 for Education HI overall, their Honours coursework specifically, and their Professional Studies (Primary/Secondary/Human Movement). In Year 4 students will enrol in the Honours special course and undertake a thesis, which will involve an investigation of a topic of their choice relevant to their own interests. The thesis will be based on the proposal due at the commencement of Year 4, and will be supervised directly by a member of the Faculty. Though the length of the thesis will vary



with the nature of the investigation, and length does not indicate quality, the thesis will not normally exceed 15,000 words (except in the case of students from other Faculties undertaking Honours in Education, for whom the expectation is 20,000-25,000 words).

The Honours program in Year 4 consists of one unit of study in 1st and one unit of study in 2nd Semester. Students should note that although the program of study is carried out over a full year the units are nevertheless semesterised. *A decision to withdraw from the entire honours program without penalty must therefore be made before the HECS cut off date in Semester 1.* A progress report will be completed by students and their supervisors in May of Year 4, providing both students and supervisors the opportunity to flag any problems related to the project. Continuation in the Honours program is contingent on:

- Satisfactory standard of full research proposal due at the commencement of Year 4
- Ethical approval for the project due at the commencement of Year 4
- Supervisor recommendation of candidature in Year 4 progress report
- Submission of satisfactory draft chapter to Supervisor by the end of Semester 1 Year 4
- Students will also be asked to deliver a 20-minute presentation to fellow students, supervisors and interested staff, in Semester 2 of Year 4.

Oversight of the Ethics of Honours Research Protocols is the responsibility of the supervisor and the Head of School. Please consult the University Human Ethics Homepage for application forms and useful guidelines on formats required for participant information forms and letters of consent. Ethics applications are due at the latest to the Honours Program Director for vetting on commencement of Year 4, and will then be forwarded as a group to the University Human Ethics Committee. Should you be late with this, it is your responsibility to submit it to the Ethics Committee, later meeting dates for which are located on their web site. You are encouraged to have your application to the Honours Program Director prior to this date if possible as the approval process takes some time and you cannot commence your project until you have received approval notification. It is each student's responsibility to keep a copy of his/her application, as the submitted original will be retained by the Committee. The NSW Department of School Education also has written guidelines and an ethics application form which are necessary for students undertaking research in government schools. These guidelines and the associated forms and child protection documents are available on the Department's web site. **Note:** these must be submitted at the same time or later than your University Ethics submission in order for the DET to process it.

Three copies of the thesis are to be submitted by the last Friday in October, one of which will be returned. Although theses may be submitted in spiral or thermal binding, one permanently bound copy of the thesis is due to the Honours Coordinator by the first Friday in December, and this copy will be retained by the Faculty. It is a usual courtesy to also provide a bound thesis to the supervisor.

Satisfactory completion of teaching practicum is prerequisite to the award of the Honours degree. The grade of Honours will be determined primarily on the basis of recommendations of the markers of the thesis. Students' grades in Year 3 Honours courses contribute 20% to the final result (5% EDUF 3205, 15% EDUF 3206), and will be used for ranking within the categories of Class I, Class II and Class in. The grading of Honours students will be undertaken at a Meeting of Examiners consisting of the Dean, Heads of Schools, School Honours Coordinators, Honours supervisors and examiners. Two examiners for each thesis will normally be appointed from the staff of the Faculty, excluding the supervisor. Students will be given the opportunity to indicate any staff member whom they believe should not be appointed as an examiner. Examiners' reports will be made available to the student. If specifically requested by an examiner, her/his name may be removed from the copy of the report provided to the student. All theses graded as Honours I by at least one examiner go to the Faculty Management Committee for arbitration. All others go to a panel consisting of School and Faculty Honours Coordinators. These review panels resolve discrepant grades and confirm a final grade for the thesis. The overall grade of Honours will be indicated according to the following scale:

I: Class I Honours (80-100%)

Hi: Class II Honours, Division I (75-79%)

IIi: Class II Honours, Division 2 (70-74%)

III: Class III Honours (65-69%)

P: Pass (50-64%)

A student who is awarded First Class Honours, and attained a grade of High Distinction for the combined Year 3 Honours coursework, as well as in Education HI, may be nominated for the award of the *University Medal*, if, in the opinion of the Faculty, the student's results are sufficiently outstanding.

As beginning researchers, we encourage you to enter the research community through dissemination of your final-year thesis work at Conferences. Funding is available up to a maximum of \$500 for this purpose (please contact the Honours Coordinator for details). This is an important induction for those wishing to continue onto Postgraduate work, and a worthwhile and rewarding experience for those planning to complete their research activities at this point, in terms of both sharing your findings with others and networking with like-minded researchers. You are also able to cite your Conference presentation as a publication. A summary of current Conferences is regularly updated on the Honours website. In particular, we encourage you to present your work at the Australian Association for Research in Education (AARE) Conference, held annually within Australia in the first week of December.

Further details are on the Honours web page at [www.edfac.usyd.edu.au/coittses/undergrad/honours.html](http://www.edfac.usyd.edu.au/coittses/undergrad/honours.html).

## a Rationale for the inclusion of Education I, II & III in the Bachelor of Education

The Bachelor of Education at the University of Sydney has as its organising principle the professional education of teachers. As part of that education Education I, II and HI contributes 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.

Consequently the Education stream has an important relationship to the social sciences and humanities, in so far as they contribute to such educational studies. Units of study in Education I, II and HI are therefore organised around multi-disciplinary topics and problem-solving frameworks. The overall aim of these units of study 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 process of education and educational reform.

To this end units of study in Education I, II and HI 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 and in develop from general understandings in first year to more specialised understandings in second and third year. 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 HI will become teachers. Education I, II and HI 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 enquiry.

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

### **Knowledge**

Graduates who have passed through the Education I, II and in 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 practice 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 the Education I, II and III 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 the Education I, II and III 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 the Education I, II and III 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 and III 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 and III link these attributes to their evaluative and assessment practices. Staff members will build into their assessments the following criteria for evaluating students' work:

1. Knowledge of concepts, theories, methods and content associated with a unit of study.
2. Ability to apply these concepts, theories and methods within the unit of study.
3. Ability to communicate ideas in written and oral form.
4. Ability to use a range of resources to analyse and synthesise the key elements of an educational question.
5. Ability to gather evidence to solve educational problems.



# 3 Education units of study

## ■ Generalist Education

### EDUF1011 Education 101

6 credit points. Dr Stephen Juan and Ms Kitty Te Riele. Semester: 1. Assessment: Tutorial activities, assignments, project, and examination. Note: Education 101 (semester 1) and Education 102 (semester 2) jointly make up Education I which is taught as connected units of study. The following description applies to both units of study in Education I.

Designed for students who intend to pursue a career in education, Education I provides a basis for the study of Education as a social science. It is a prerequisite for further units of study in the Bachelor of Education. Four related themes are examined from a range of perspectives: (1) Knowledge, culture and curriculum, (2) Students and their development, (3) The educational apparatus: schools, (4) Teaching as a process and way of life. Education I includes three further components: Professional experience, Academic writing in education and Policy frameworks for teaching. Professional experience will include a school visit. Academic writing in education will comprise lectures and seminars to help students meet university standards for academic writing in their assessment tasks. Policy frameworks for teaching will introduce students to policy analysis using current educational policies of importance.

### EDUF1012 Education 102

6 credit points. Dr Stephen Juan and Ms Kitty Te Riele. Semester: 2. Assessment: Tutorial activities, assignments, project, and examination. See EDUF1011 above for unit of study content. Education 102 includes the further component: Introduction to Computers in Education. This involves an hour of workshop per week to develop skills in word processing (including referencing), information management, literature searching and an introduction to the role of computers in teaching and learning. The skills developed should enable students to use computers effectively in the writing reports and essays, in preparing for teaching, and in managing a variety of educational data.

### EDUF 1016 Science Foundations 1

6 credit points. Dr Armstrong Osborne. **Semester: 1. Classes:** Science Foundations 1 consists of two six week units, one in biology and the other in chemistry. Each unit consists of two 1-hour lectures and a 2-hour workshop session per week (together with self-directed field activities). 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 BEd Primary. The units of study will provide students with a background in science, in 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 the Faculty of Science as well as the Faculty of Education.

#### Textbooks

There will be no recommended textbooks for the units of study. Printed notes will be prepared for each unit of study. Students should purchase Volume 1 from the University Copy Centre prior to the commencement of lectures.

### EDUF 1017 Science Foundations 2

6 credit points. Dr Armstrong Osborne. **Semester: 2. Classes:** Science Foundations 2 consists of two six week units, one in physics and the other in geology. Each unit consists of two 1-hour lectures and a 2-hour workshop session per week (together with self-directed field activities). 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. **Prerequisite:** EDUF 1016 Science Foundations 1. **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 BEd Primary degree. The units of study will provide students with a background in science, in physics and geology, 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 the Faculty of Science as well as the Faculty of Education.

#### Textbooks

There will be no recommended textbooks for the units of study. Printed notes will be prepared for each unit of study. Students should purchase Volume 2 from the University Copy Centre prior to the commencement of lectures.

### EDUF 2002 Social Perspectives in Education

8 credit points. Dr Nigel Bagnall. **Semester: 2. Prerequisite:** EDUF 1011 and EDUF 1012 or 30 junior credit points. **Assessment:** Assessment will be based on class work, one 1000w essay, collaborative project of 4000w and a 11/2hr exam.

This unit of study situates educational activity in its broad social, political and economic contexts. The way any society educates its people also provides important opportunities for understanding how those societies are made and ordered. Currently, in much of the western world, including Australia, there are radical reform programs being implemented in education. This course assists students to understand the contexts and nature of contemporary change in education policy and structures. The focus of the course ranges from the local to the global, the historical to the contemporary contexts of educational change. The course is organised around five themes: (1) Knowledge, culture and power, (2) Schooling and communities, (3) Making modern educational systems, (4) States, markets and government policy, (5) Teachers and their work. The course is taught over 12 weeks, by lecturers (2 hours each week) and workshops (1.5 hours each week). A feature of the course is the collaborative research project in which students research and report on an aspect of education in society of interest to them.

### EDUF 2005 Psychology of Learning and Child Dev

8 credit points. Dr Richard Walker. **Semester: 1. Prerequisite:** EDUF 1011 and EDUF 1012 or 30 junior credit points. **Assessment:** Tutorial participation, 2000w essay, 2hr exam.

This unit of study introduces several ways of thinking about current theory, research and practice in educational and developmental psychology. The main focus is on growth, learning and teaching for children in diverse Australian social contexts. We explore cognitive and social-constructivist approaches to learning and children's physical, cognitive, social and emotional development. Specific topics include attention, memory, problem solving, critical thinking skills, concept development, cooperative and group learning, motivation, maturation, plasticity, competence and performance, language and communication, self-concepts, and development in diverse contexts.

### EDUF 3001 Issues/Research in Learning and Teaching

4 credit points. Dr Richard Walker. **Semester: 2. Prerequisite:** EDUF 2002 and one of EDUF 2001 & EDUF 2005. **Assessment:** Assessment will be in the form of one presentation.

This unit of study will examine three themes from current research on teaching and learning which have significant implications for enhancing learning outcomes in educational settings:

- (i) Teacher knowledge, beliefs, expectancies and the learning context;
- (ii) School and teacher effectiveness
- (iii) The self-system, learning and academic achievement;
- (iv) Education and learning in the Information Society

Each of these themes will be defined by a central question which is examined through consideration of several bodies of related recent research. Additionally three current issues in



educational research. (Classroom Management and Instructional Goals; Gender Issues in Learning; The Impact of Media on Learning) will be examined through panel discussions.

At the completion of the unit of study students will be able to:

- 1 analyse, synthesise, and draw conclusions from theory and research in each of the themes/issues considered;
- 2 derive educational implications and applications;
- 3 demonstrate competence in oral and written communication skills;

#### EDUF 3002 Adolescence

4 credit points. Dr Laurel Bomholt. **Semester: 2. Prerequisite:** EDUF 2002 and one of 2001 and 2005; for other students 18 junior credit points. **Assessment:** Report on workshops with optional fieldwork 2000w (50%) and final examination (50%).

An optional web-based delivery mode is available. This unit of study applies theories of adolescent development to current issues in Australian social contexts. The topics include What is adolescence?; Adolescents in transition, Adolescent physical growth and development; and Social interactions during adolescence. The aim is to understand more about adolescence from theories of development in context, research literature and student fieldwork. Specific topics may include developing a sense of self, school to work transition, changing patterns of family life, body image, urban and regional experiences, gender issues. The unit of study allows student to gain understanding of diversity in adolescent development, and to demonstrate skills in teamwork, research, critical analysis, observation, presentation and discussion.

#### EDUF 3003 Evaluation and Measurement in Education

4 credit points. Ms Helen Watt. **Semester: 2. Prerequisite:** One of EDUF 2002 & EDUF 2005. **Assessment:** Assessment will be in the form of one assignment and one 1500w essay.

This unit will provide some theoretical background in traditional and current assessment and reporting practices. It will deal with some of the current issues in assessment, and will emphasise critical reflection on students' own extensive experience of being evaluated.

Assessment principles, purposes and processes will be introduced at a level useful to the classroom practitioner. No background in statistics is necessary for the course. We will be primarily concerned with the evaluation and measurement of student performance from the viewpoint of the teacher rather than that of the researcher. The emphasis will be on understanding and qualitative issues rather than on computation and quantitative techniques: these latter will be introduced only to provide a basis for concepts of reliability and the effects of mark standardisation and moderation. Sections relating to objective test construction, reliability and validity will also be of use to Honours candidates intending using survey techniques.

Students who complete the unit of study successfully will:

- a) be able to plan effective evaluation processes for courses, and make informed judgements about existing schemes as well as developing their own schemes.
- b) have developed a basic understanding of methods of evaluating student performance, and skill in analysing classroom tests, performance assessments and assessment schemes.
- c) have developed some skills in constructing objective, short-answer and essay tests.
- d) have critically reflected on their own experience and applied resultant understanding to planning and evaluating evaluation methods and schemes

For further information see the course web site located at: [www.edfac.usyd.edu.au/staff/watth/eduf3003.html](http://www.edfac.usyd.edu.au/staff/watth/eduf3003.html)

#### EDUF 3005 Research in Troublesome School Behaviour

4 credit points. Dr Sandra Nicholls. **Semester: 2. Prerequisite:** EDUF 2002 and one of EDUF 2001 & EDUF 2005. **Assessment:** Assessment will be in the form of one 3000w report of an original investigation of a problem related to the topic (80%) and class presentation related to this topic (20%).

This unit of study will increase students' knowledge and understanding about the nature of research into troublesome behaviour and related problems such as behavioural disorders. It will also increase students' knowledge about empirical research skills with relation to social behaviour in schools. As well, aspects of relevant school discipline, welfare and learning policies may be included for study.

Also flexible delivery option on CT web learning offered.

**EDUF 3021 Special Education: Inclusive Schools**  
4 credit points. Dr Anne Badenhop. Semester: 1,2. Classes: Lecture & tutorial program plus a field study placement of 20hrs. Sem 1 for B.Ed (Primary) students. Sem 2 for PDHPE students and Double Degree students. Prerequisite: EDUF 2002 and one of EDUF 2001 & EDUF 2005. Assessment: This will include a collaborative presentation, an academic paper, and a field study report.

This unit of study introduces students to the study of the integration and inclusion of students with special needs, in accordance with the mandatory requirements of the NSW Department of School Education for pre-service teacher education. It is designed to provide an understanding of the reasons for inclusion of students with disabilities in regular schools, and the strategies that can be used to optimise their educational experiences.

At the completion of this unit of study it is expected that students should be able to:

1. discuss the reasons for the inclusion of students with disabilities, learning difficulties and behaviour disorders in regular education classrooms;
2. Demonstrate an awareness of disability issues, legislation and government policies relating to students with special education needs;
3. Demonstrate a familiarity with the support cycle procedures and the support services available to teachers of students with special needs;
4. Demonstrate a basic knowledge of assessment requirements, effective teaching strategies and practices, and curriculum requirements appropriate for improving the educational outcomes of students with disabilities, learning difficulties and behaviour disorders.

#### EDUF 3112 Sports, Leisure and Youth Policy

4 credit points. Mr Tim Allender. Semester: 1. Prerequisite: EDUF 2002 and one of EDUF 2001 & EDUF 2005. Assessment: Assessment will be in the form of an essay, a tutorial presentation and one 1 1/2hr exam.

This unit of study will deal with the role of schools and other institutions in fostering physical education and preparing youth for leisure pursuits. Phenomena such as athleticism in the Victorian age and sports in twentieth-century Australian education will be discussed; as well as sport and the British empire, German and Russian sporting traditions, the Olympic games and youth movements in the latter half of the twentieth century. There will be a special focus on the history of sport and youth policy in Australia. Students are encouraged to develop arguments on an area of sport, leisure and youth policy through written assignments and tutorial discussions. The tutorial program complements the lecture topics and provides for cooperative learning and critical analysis. On completion of the unit of study, students should have an ability to evaluate critically the social role of physical education and the social construction of such concepts of 'youth', sports and leisure.

#### EDUF 3113 Ethnic Relations and Education-

4 credit points. A/Prof Christine Inglis. Semester: 2. Prerequisite: EDUF 2002 and one of EDUF 2001 & EDUF 2005. Assessment: Assessment will be in the form of one 2hr exam, one 2000w essay and classwork.

Through successful completion of this unit of study students will gain an understanding of recent trends in immigration and the nature of ethnic and cultural diversity, particularly in Australia. Among critical areas of ethnic relations on which students will be expected to demonstrate familiarity of both theoretical issues and debates, and an ability to assess the relevance of empirical studies are: the nature of ethnic identity, the characteristics of ethnic communities, the relationship between class, gender and ethnicity, the role of the State in ethnic relations and the construction of specific policies such as Multiculturalism. In particular, they will be expected to demonstrate familiarity with the relationship of these areas to educational concerns, including policy formulation and implementation, curriculum pedagogy and the social organisation of the school.

#### EDUF 3114 Ed Policy & Programs in Indust Nations

4 credit points. Dr Nigel Bagnall. Semester: 2. Prerequisite: EDUF 2002 and one of EDUF 2001 & EDUF 2005. Assessment: Assessment will be in the form of one 2hr exam, one 2000w essay and classwork.

This course places emphasis on major trends arising in OECD member countries. These countries' policies affect the rest of the world as they struggle to keep up with the industrialised West. Education and labour market trends (including unemployment) will be a particular consideration. The concept of globalisation will be used as a common thread throughout the course and students will be encouraged to see trends emerging across these country's education systems. The International Baccalaureate

will be examined as a global curriculum. The unit of study will look at changes taking place in France, Great Britain, West Germany, the United States of America and Canada.

#### EDUF 3115 Constructing Self and Knowledge

4 credit points. Dr Marjorie O'Loughlin. **Semester: 1. Classes:** 2 hours per week over 12 weeks. **Prerequisite:** 18 Junior credit points. **Assessment:** Minor assignment (1000 words): 20%. Major assignment (2000 words): 40%. Examination: 40%.

This unit of study takes a critical perspective on two concepts central to our understanding of education: the 'self' or individual and 'knowledge'. Assuming that in some significant ways both are socially constructed, the course presents a variety of theoretical and research resources for understanding recently developed ways of looking at educational phenomena as social and historical discursive practice.

##### Textbooks

Biesta, G. (1994) 'Education as practical intersubjectivity; towards a critical-pragmatic understanding of education.' *Educational Theory* 44 (3): 299-317

Dewey, J. (1957) *Human nature and Conduct*. The Modern Library, New York

Docherty, T (ed) (1993) *Postmodernism. A Reader*. Hemel Hempstead: Harvester Wheatsheaf

Foucault, M (1977) *Language, counter-memory, practice* (Bouchard/DF trans) Cornell University Press, Ithaca New York

Peters, M. (1988) *Naming the Multiple: Post-structuralism and Education* Westport Conn: Bergin and Garvey

Pinar W & Reynolds W (eds) (1995) *Understanding Curriculum as Phenomenological and Deconstructed Text*, Teachers College Press, New York

Shapiro, M (1992) *Reading the Postmodern Polity. Political Theory as Textual Practice*, University of Minnesota Press: Minneapolis

#### EDUF 3121 Ethics and Education

4 credit points. Dr Jim Mackenzie. **Semester: 1. Prerequisite:** EDUF 2002 and one of EDUF 2001 & EDUF 2005. **Assessment:** Assessment will be in the form of one 2hr exam, one seminar presentation, and classwork.

The assessment tasks will be designed to extend student skills in foundational knowledge, literacy, critical thinking, and knowledge, as listed in the Outcomes Statement for the School of Social, Policy, and Curriculum Studies in Education. This unit of study will aim to develop in candidates a number of attributes which derive from studying a number of contemporary issues and dilemmas for ethics and education. The topics covered will require participants to enter into the debate about the role of ethical considerations in educational work and to locate their discussion and analysis within philosophical traditions and practical educational contexts. Topics will include the teaching of ethical reasoning, school discipline, bias, friendship, autonomy, moral development, religious education, and political education.

#### EDUF 3124 International and Development Education

4 credit points. Assoc. Prof. Phillip Jones. Semester: 1. Prerequisite: EDUF 2002 and one of EDUF 2001 & EDUF 2005. Assessment: One 2hr exam, one 2500w essay, classwork.

This unit of study will explore the relationships between education and development in the less-developed areas of the world. The unit of study will acknowledge the importance of a broad-ranging view of development, including its economic, cultural and technological dimensions. The unit of study will begin with a range of theories of development, and the differing views of education that stem from these theories. The major part of the unit of study examines several key issues facing many less-developed countries today. A major underpinning theme is this: if so many people are questioning the relevance of western education in non-western cultures, then why does the demand for western education remain insatiable?

Students will be assessed on the basis of:

1. tutorial participation
2. examination
3. essay.

The emphasis, in all aspects of assessment, will be on demonstrating a sound understanding of the theories developed within this 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 of study.

EDUF 3132 Aust Sec Sch: Origins of Modern Practice  
4 credit points. Dr Craig Campbell. **Semester: 2. Prerequisite:** EDUF 2002 and one of EDUF 2001 & EDUF 2005. **Assessment:** Assessment will be in the form of one major essay, a tutorial presentation and follow-up minor paper based on presentation.

Australian secondary schools are unique. They have developed their own characteristics, some of which have been adapted from European and North American models. Students will examine questions such as these. How have high schools and private colleges developed differently? Exactly what did Australian schools develop independently, and what did they adapt from Europe and North America? How have girls and boys been educated differently and why? How have different social classes, ethnic groups and others sought to adapt secondary schools for their own needs? Where does the modern secondary curriculum come from and whom does it serve? And finally, how has the rise of mass secondary schooling changed the very experience of adolescence itself? On completion of this unit of study students will have developed their critical understanding of the role of secondary schooling in the lives of youth; and advanced substantially their ability to contribute to debates on the constructive reform of secondary curricula, school cultures, practices and policies.

#### EDUF 3134 Developing Gendered Identity

4 credit points. Dr Marjorie O'Loughlin. Semester: 1. Classes: 23 hours over one semester OR in 'block' mode (four blocks over one semester with time allocated for lectures, research and student reporting). Prerequisite: EDUF 2002 and one of EDUF 2001 and EDUF 2005. Assessment: Major and minor assignment.

This unit of study explores themes and issues on gendered development, the constructive of 'masculine' and 'feminine' identities, and the discursive frameworks within which these constructions are inscribed. It examines the developmental phases through which gendered individuals pass and critically assess the different forms that gender takes. The course draws upon a rich theoretical base and up-to-date research findings to assist students to gain a comprehensive understanding of a crucial theme in education at the present time. It is linked conceptually and in terms of the disciplines on which it draws to the course 'Constructing Self and Knowledge'.

##### Textbooks

Connell, R. (1995) *Masculinities*, Berkeley: University of California Press

Thome, B. (1993) *Gender Play: Boys and Girls at School*, New Brunswick, NJ: Rutgers University Press

Robinson, K. (2000) 'Great Tits Miss' - The silencing of male students' sexual harassment of female teachers in secondary schools: a focus on gendered authority, *Discourse: Studies in the Cultural Politics of Education*, 21 (1).

#### EDUF 3205 Beginning Educational Research

4 credit points. Ms Helen Watt. Semester: 1. Prerequisite: Credit average across EDUF 2002 and EDUF 2005; as well as across some other coherent set of 16 senior sequential credit points from one area of study. Assessment: Critical review 2000w.

*NB: Permission required for enrolment.*

This first Honours course aims to introduce students to educational research. Students will develop critical awareness of the social, educational and epistemological role of educational research, enabling them to think of themselves as consumers and practitioners of educational research, and providing the conceptual basis for a broad and flexible understanding and practice. A credit result for this course is required for students to be permitted to continue onto the next Honours course.

For further information see the Honours web site located at:

[www.edfac.usyd.edu.au/courses/undergrad/honours.html](http://www.edfac.usyd.edu.au/courses/undergrad/honours.html)

#### EDUF 3206 Methodologies and Educational Research

4 credit points. Ms Helen Watt. Semester: 2. Prerequisite: Credit average across EDUF 2002 and EDUF 2005 and 16 senior, sequential credit points from one area of study. Assessment: Methodology critique, mini-proposal and full proposal.

*NB: Permission required for enrolment.*

The second Honours course deals with more advanced and specialised work in research methods. Students will choose four methodology modules from the 11 offered, with a final fifth module and an ethics workshop being proscribed. This last module is intended to support students' development of a research proposal for their thesis to be undertaken in Year 4.

For further information see the Honours web site located at:

[www.edfac.usyd.edu.au/courses/undergrad/honours.html](http://www.edfac.usyd.edu.au/courses/undergrad/honours.html)

**EDUF 3207 Educational Psychology Research Seminar 1**

4 credit points. Dr Richard Walker. Semester: 1. Prerequisite: EDUF 2002/EDUF 2005. Qualifying: Credit average across EDUF 2002 and EDUF 2005 and a credit average across some other coherent set of 16 credit points. Corequisite: EDUF 3205/EDUF 3206.

*NB: Permission required for enrolment. Only students doing Education Honours from other faculties are eligible to enrol*

**EDUF 3208 Educational Psychology Research Seminar 2**

4 credit points. Dr Richard Walker. Semester: 2. Prerequisite: EDUF 3207.

**EDUF 3209 Social Policy Research Seminar 1**

4 credit points. Dr David Smith. Semester: 1. Prerequisite: EDUF 2002/EDUF 2005. Qualifying: Credit average across EDUF 2002 and EDUF 2005/Credit average across some other coherent set of 16 credit points. Corequisite: EDUF 3205/EDUF 3206.

*NB: Only students doing Education Honours from other faculties are eligible to enrol.*

**EDUF 3210 Social Policy Research Seminar 2**

4 credit points. Dr David Smith. Semester: 2. Prerequisite: EDUF 3209.

## ■ Secondary: Single Degree (Humanities and Social Sciences)/ Mathematics

**EDUF 4010 T/Learn: Reflect Teach & Curr Planning**

4 credit points. Ms Llian Merritt. Semester: 1,2. Prerequisite: EDUF 3009 and EDUF 3012. Assessment: Assessment will be 2 assignments; a 2000w integrated review and a reflection through journal writing (1000w).

Through a consideration of the current and likely future context of schooling, a rationale is provided for the importance of developing reflective teaching. Students will be required to undertake reading in some of the most recent literature dealing with reflection in teacher education and curriculum. In addition, information will be provided from curriculum and pedagogic theory, and research in teacher planning, as background for planning a curriculum project. Teacher beliefs and perceptions will be explored, including assessment tasks involving a critical review and an analysis of planning processes.

**EDUF 4012 T/Learn:Learners with Special Needs**

2 credit points. Ms Anne Badenhop. Semester: 2. Prerequisite: EDUF 3009 and EDUF 3012. Assessment: A 2000w practical paper on modifying instruction for a student with special needs.

This unit of study will familiarise students with the availability and provision of services for students with special education needs in their local secondary school. Special Education is provided for students with Physical and Sensory Disabilities, Intellectual Disabilities, Learning Disabilities and Behaviour Disorders. Students will therefore consider the practical implications of providing for the educational and social needs of all students, and become familiar with assessment and inclusive classroom practices, with a strong focus on the modification of curriculum, that best meet these needs. Special attention will be given to the development and support of literacy practices for students with Learning Difficulties and Behaviour Disorders, the largest special needs groups in schools.

**EDUF 4013 T/Learn:Coaching School Sport**

2 credit points. Mr Tracy Rockwell. Semester: 1,2. Prerequisite: EDUF 3009 and EDUF 3012. Assessment: Assessment will involve a satisfactory standard in an assignment or the completion of a sports certification.

This unit of study will examine the roles and responsibilities of teachers as sports supervisors and/or coaches, develops skills and methods in coaching and supervising sports in secondary schools and examines relevant school policies and issues related to the participation of students and teachers in school sport.

**EDUF 4014 T/Learn:Prep for Entry Into Profess**

2 credit points. Ms Llian Merritt. Semester: 1,2. Prerequisite: EDUF 4010. Assessment: Assessment will be based on presentation of findings from a major curriculum project implemented during the preceding practicum.

There are a number of important issues to be faced as students get ready to commence work as teachers. The processes of measurement, assessment and evaluation, and emerging priorities in relation to the ethics of teaching, along with related

legal implications, will be considered. Important issues arising from research into the process of beginning to teach will be examined, along with some priorities for induction. There will be opportunities to negotiate content and themes, especially in relation to issues students see as crucial for entering into teaching.

**EDUF 4015 T/Learn:Issues in School Health**

2 credit points. Ms Gail Sunderland. Semester: 1.. 2. Prerequisite: EDUF 3009 and EDUF 3012. Assessment: Assessment will involve satisfactory standard in an assignment or the completion of a first aid certificate.

This unit of study will focus on the concept of the health promoting school, examine special health issues and health needs associated with adolescence; examine relevant school policies; and assist students to identify and manage critical incidents.

**EDUF 4018 Third Practicum**

4 credit points. Ms Jenny Simons. Semester: 2. Prerequisite: EDUF 3015. Assessment: Evaluation will be through the completion of a satisfactory practice teaching report.

During their final practicum period, students will seek to complete an extensive period of 30 continuous days teaching in both of their Curriculum Areas (or in the one double for Mathematics, LOTE or Social Sciences). While the major emphasis will be upon sound performance in the classroom, students will be encouraged to involve themselves in as wide a range of across-school and local community activities as possible. This experience will be supervised jointly by Cooperating Teachers and University staff, and students may gain an Outstanding or Highly Satisfactory grade if they meet the set criteria.

**EDUF 4042 Secondary Special Course Honours A**

4 credit points. Ms Helen Watt. Semester: 1. Prerequisite: EDUF 3205 and EDUF 3206 and 16 credit points from the following: EDUF 3001, EDUF 3002, EDUF 3003, EDUF 3005, EDUF 3016, EDUF 3111, EDUF 3112, EDUF 3113, EDUF 3114, EDUF 3121, EDUF 3124, EDUF 3131, EDUF 3132, EDUF 3133, EDUF 3141, EDUF 3021. Assessment: Assessment will be in the form of a Thesis. Students will undertake independent study in both the methodology and substantial issues related to their individual project.

*NB: Permission required for enrolment.*

Contact Faculty Office for details.

Practical: Contact Faculty Office for details.

**EDUF 4043 Secondary Special Course Honours B**

4 credit points. Ms Helen Watt. Semester: 1,2. Prerequisite: EDUF 3205 and EDUF 3206 and 16 credit points from the following: EDUF 3001, EDUF 3002, EDUF 3003, EDUF 3005, EDUF 3016, EDUF 3111, EDUF 3112, EDUF 3113, EDUF 3114, EDUF 3121, EDUF 3124, EDUF 3131, EDUF 3132, EDUF 3133, EDUF 3141, EDUF 3021. Assessment: For details, please see the coordinator.

*NB: Permission required for enrolment.*

**EDUF 4215 Education Honours 1**

24 credit points. Richard Walker, David Smith. Semester: 1. Prerequisite: EDUF 3205 and EDUF 3206 and EDUF 3207 and EDUF 3208 and 16 credit points from the following: EDUF 3001, EDUF 3002, EDUF 3005, EDUF 3016, EDUF 3111, EDUF 3112, EDUF 3113, EDUF 3114, EDUF 3121, EDUF 3124, EDUF 3131, EDUF 3132, EDUF 3133, EDUF 3141, EDUF 3021.

*NB: Permission required for enrolment.*

**EDUF 4216 Education Honours 2**

24 credit points. Dr Richard Walker & Dr David Smith. Semester: 2. Prerequisite: EDUF 3205 and EDUF 3206 and EDUF 3207 and EDUF 3208 and 16 credit points from the following: EDUF 3001, EDUF 3002, EDUF 3005, EDUF 3016, EDUF 3111, EDUF 3112, EDUF 3113, EDUF 3114, EDUF 3121, EDUF 3124, EDUF 3131, EDUF 3132, EDUF 3133, EDUF 3141, EDUF 3021.

*NB: Permission required for enrolment.*

## ■ Secondary: Single Degree/ Curriculum Methods - History

**EDUS 4025 Teaching Asian Studies**

2 credit points. Mr Tim Allender. Semester: 1. Prerequisite: EDUS 2015 or EDUS 2017. Assessment: Assessment will take the form of participation in seminar activities when required and the completion of one major assignment involving the designing of 5 lessons based on 3 of the many themes listed in the syllabus.

This unit of study will introduce students to the junior Asian Social Studies syllabus and explore effective Strategies in teaching about Asia. Emphasis will be given to the content and

subject matter of the syllabus. Programming, resourcing and practical teaching activities will also be investigated. This unit of study will have relevance for History and Social Education students.

#### EDUS 4026 Australian Studies

2 credit points. Ms Carmel Young. **Semester:** 1. **Prerequisite:** EDUS 2017 or EDUS 2015. **Assessment:** Assessment will comprise a seminar presentation based on one of the weekly themes covered in seminar sessions and a review of an Australian literary work, exhibition, film or documentary.

This is an interdisciplinary unit of study which will focus on Australian history, literature and art as media through which to study contemporary social, economic and political issues. Emphasis will be placed on developing an understanding of those events, personalities and trends that have moulded the Australian experience and may account for the changing face of Australian identity or identities. Relevant pedagogical approaches will be surveyed. The unit of study will have relevance for both History and Social Education students.

#### EDUS 4041 Teaching Ancient History

2 credit points. Ms Carmel Young. **Semester:** 1. **Prerequisite:** EDUS 2015 and EDUS 2016. **Assessment:** Assessment will involve the development of a unit of work based on the Year Eleven Preliminary Course.

This unit of study will introduce students to the teaching of Senior Ancient History with an emphasis on new directions that have been taken in the teaching of this subject. It will introduce students to effective teaching strategies, programming, approaches, and resources, with a special emphasis on written and archaeological evidence.

#### EDUS 4042 Teaching Modern History

2 credit points. Mr Tim Allender. **Semester:** 1. **Prerequisite:** EDUS 2015 and EDUS 2016. **Assessment:** Assessment will involve the completion of one major unit of study assignment involving the development of teaching unit based on one part of the Senior Modern History syllabus. This unit of study will introduce students to the teaching of senior Modern History, examining the 2 courses in the HSC. There will be a special emphasis on the teaching of the use of sources as well as effective teaching strategies, programming approaches and relevant teaching resources.

#### EDUS 4043 Teaching Archaeology

2 credit points. Ms Carmel Young. **Semester:** 1,2. **Prerequisite:** EDUS 2015 and EDUS 2016. **Assessment:** Assessment will involve the planning of a set of work sheets and activities using a variety of archaeological sources.

This unit of study will introduce students to the archaeological components of both the Junior History Syllabus and the Senior Ancient History Syllabus. There will be an emphasis on the ways in which archaeologists assist the historian to interpret and reconstruct the ancient past. Seminars will involve the development of practical classroom activities and teaching strategies through the use of relevant teaching and learning materials.

#### EDUS 4044 Teaching World War 1

2 credit points. Mr Tim Allender. **Semester:** 1,2. **Prerequisite:** EDUS 2015 and EDUS 2016. **Assessment:** Assessment will comprise the participation in seminar activities when required and the completion of one major course assignment based on the development of a teaching unit in which the student creates at least 5 relevant teaching resources and lessons showing different teaching approaches using these resources.

This unit of study will introduce students to the compulsory Core Study in the Senior Modern History syllabus - World War I. The main emphasis will be on the teaching of the use of sources. Both the Preliminary and HSC courses will be examined and teaching strategies, programming approaches and resources will be investigated.

## ■ Secondary: Single Degree/ Curriculum Methods - Social Sciences/Geography

#### EDUS 2018 Teaching Commerce

2 credit points. Ms Lian Merritt. **Semester:** 2. **Prerequisite:** EDUS 2017. **Assessment:** Assessment will involve the preparation of a commerce tool kit including lesson and program planning.

This unit of study will prepare students to teach Commerce in years 7-10. The unit of study provides opportunities for students

to become familiar with the concepts and areas in Commerce, develop a range of teaching and learning strategies, evaluate a range of resources and understand the role of assessment and reporting in preparation for teaching Commerce.

#### EDUS 2019 Teaching Junior Geography

2 credit points. Dr Kevin Laws. **Semester:** 2. **Prerequisite:** EDUS 2017. **Assessment:** Students will develop a unit overview, lesson plans (including one based upon a web site), and student assessment program. This unit of study will focus on the purpose and nature of geographical education, current developments and issues in geography and teaching/learning strategies, resources, lesson and topic planning for Geography and evaluation in monitoring student progress.

#### EDUS 3016 Teaching Senior Geography

2 credit points. Dr Kevin Laws. **Semester:** 1. **Prerequisite:** EDUS 2017 and EDUS 2019. **Assessment:** Students will plan a unit of work, develop a student handout related to the Senior Geography Project, and plan a field trip.

This unit of study will develop students' understanding of the Year 11 and 12 Geography syllabus, skills in the organisation and implementation of curriculum units, the ability to implement innovative teaching practices, and competencies in evaluation and assessment in geographical education.

#### EDUS 3017 Teaching Business Studies

2 credit points. Ms Lian Merritt. **Semester:** 1. **Prerequisite:** EDUS 2017. **Assessment:** Assessment will involve the preparation of a business plan and a unit of work for Business Studies.

This unit of study will aim to increase students' understanding of the purposes and contexts of business education and the Business Studies syllabus. Students will develop skills in the selection and use of different teaching and learning strategies and resources for Business Studies and in preparing programs of work for both Preliminary and HSC courses.

#### EDUS 3018 Teaching Economics

2 credit points. TBA. **Semester:** 2. **Prerequisite:** EDUS 2017. **Assessment:** Assessment will involve the preparation of a unit of work for a section of the syllabus including program, lesson outline grid, detailed lesson plans and supporting materials.

This unit of study will aim to increase students' understanding of the purposes and contexts of economics education and the Economics syllabus. Students will develop skills in selecting and evaluating teaching ideas and strategies for students with varying abilities and in planning units of work for teaching Economics.

#### EDUS 4019 Assessment & Evaluation in Social Scs

2 credit points. Ms Lian Merritt. **Semester:** 1,2. **Prerequisite:** EDUS 2015 or EDUS 2017. **Assessment:** Assessment will include the preparation of an assessment plan for a unit in the Social Science curriculum.

This unit of study will provide opportunities for students to develop understanding of the role of assessment, evaluation and reporting in the Social Science curriculum, develop skills in the different types of assessment and assessment instruments and to be aware of the issues and trends in assessment including key competencies, national statements and profiles and the HSC.

#### EDUS 4021 Teach HSIE for Individual Difference

2 credit points. Ms Lian Merritt. **Semester:** 1. **Prerequisite:** EDUS 2017. **Assessment:** Assessment will involve the preparation and presentation of a teaching strategy and assessment task for a particular learning need and a short written assignment discussing current research as it applies to one aspect of individual difference in Hsie.

This unit of study will increase awareness of the diversity of backgrounds of students and an understanding of the differing learning needs of students in Human Society and Its Environment. Students develop teaching skills and assessment techniques to cater for individual difference.

#### EDUS 4027 Using Computers in Social Sciences

2 credit points. Ms Mike Horsley. **Semester:** 1. **Prerequisite:** EDUS 2015 or EDUS 2017. **Assessment:** Assessment will involve the development of lesson plans using a range of computer resources.

The unit of study will focus on the range of computer resources which are available to teach the HSIE curriculum. Students will be given opportunities to evaluate software from a teaching and learning perspective, design lessons using pieces of software, to use CDROM, Flashback, Down Under etc. to plan lessons and units of work and to explore Hsie sites on the World Wide Web. The unit of study will have relevance for both History and Social Education students.



**EDUS 4028 Teaching Legal Studies**

2 credit points. Ms Lian Merritt. Semester: 2. Prerequisite: EDUS 2015 or EDUS 2017. Assessment: Assessment will involve visits to two Legal Studies venues, the preparation of student materials relevant to the venues visited and the preparation of a unit of work for a section of the syllabus.

This unit of study will aim to increase students' understanding of the purposes and contexts of legal education and the aims, scope and context of the structure of the Legal Studies syllabus. Students will develop skills in selecting and evaluating teaching ideas and strategies for students, in producing teaching and learning materials to support Legal Studies teaching and in planning units of work for Legal Studies. The unit of study will have relevance for both History and Social Education students.

**EDUS 4030 Society and Culture**

2 credit points. Mr Mike Horsley. Semester: 1. Prerequisite: EDUS 2015 or EDUS 2017. Assessment: Assessment will be the preparation of a Mini-Personal Interest Project.

This unit of study will aim to increase students' understanding of the philosophy and structure of the Society and Culture syllabus and to develop ideas and strategies in planning units to teach Society and Culture. Focus will be on student growth in knowledge, values, feelings and skills relevant to society and cultures. The unit of study will have relevance for both History and Social Education students.

## ■ Secondary: Single Degree/ Curriculum Methods-TESOL

**EDUS 2020 Introduction to TESOL**

4 credit points. Mr Ken Cruickshank. Semester: 1. Prerequisite: 12 Junior credit points from ENGL, LNGS, CHNS, FRNC, GRMN, HBRW, INMS, IILN, JPNS, KRNS, MGRK, RSSN, SPAN. Assessment: The assignment tasks will be the preparation of a report on second language acquisition and also the development of a unit of work.

In this introduction to English as Second Language teaching, issues of learners' backgrounds and acquisition will be considered. Learning language in the school context and approaches to methodology and organisation, vocabulary learning and theories of acquisition, practical classroom strategies, together with pronunciation will be examined.

**EDUS 2021 Reading and TESOL**

2 credit points. Mr Ken Cruickshank. Semester: 2. Prerequisite: EDUS 2020. Assessment: The assessment task will involve the preparation of a set of activities for developing reading.

This unit of study will focus on the development of reading in a second language. Topics will include cultural differences and reading, teaching beginning readers and strategies of extending reading across the curriculum.

**EDUS 4048 TESOL Methodology**

4 credit points. Mr Ken Cruickshank. Semester: 1. Prerequisite: EDUS 2020 and EDUS 2021. Assessment: Assessment and Programming for written and spoken English.

Assessing learners strengths and needs in spoken and written English is the key to designing programs. In this unit of study you will develop programs on a range of areas. There will also be a specific focus on the development of writing in a second language: teaching new arrivals, cultural differences and methodologies. (Replacing EDUS 2022, EDUS 2023)

**EDUS 4049 Contexts of teaching TESOL**

4 credit points. Mr Ken Cruickshank. Semester: 1. Prerequisite: EDUS 2020 and EDUS 2021.

This unit of study covers three main areas. The first module provides a background to teaching adults in Australia and overseas. Topics include differences in child and adult learning, and curriculum and program development. The second module covers grammar, with an approach combining traditional and functional perspectives and the implications for classroom teaching. The third module covers issues of teaching TESOL such as intercultural communication, multilingualism and multiculturalism. There is also discussion of establishing programs in different contexts. (Replacing EDUS 4045, EDUS 2025, EDUS 2024)

## ■ Secondary: Single Degree/ Curriculum Methods - Languages

**EDUS 2027 Teaching Macro Skills in Languages**

2 credit points. Mr Hui Shen. Semester: 2. Prerequisite: EDUS 2026. This unit of study will examine theories and practices in teaching 4 skills, namely speaking, listening, reading and writing. These skills will involve the ability to use appropriate communication strategies, the ability to convey meaning clearly and coherently and the ability to understand both oral and written messages in the target language. All of these factors will be examined along with the means by which these skills may best be taught.

**EDUS 3019 Languages Programming**

2 credit points. TBA. Semester: 1. Prerequisite: EDUS 2026 and EDUS 2027. Assessment: Students will prepare a 10 week program for a particular group of students learning the specific LOTE.

It is a mandatory requirement of all teachers to prepare, implement and document educational programs for the particular group of students in response to their identified language and learning need. The program takes account of available resources.

**EDUS 3020 Language: Testing/ Assessment/ Evaluation**

2 credit points. TBA. Semester: 1,2. Prerequisite: EDUS 2026 and EDUS 2027.

This unit of study will focus on LOTE assessment and evaluation. Effective teaching of language involves assessing the students performance at various points throughout the unit of study. Teachers must also be frequently evaluating the course and the lessons they are delivering. Both a formal and informal approach in assessment and evaluation will be examined. Language proficiency levels will also be included.

**EDUS 3022 Approaches to Language Teaching**

2 credit points. TBA. Semester: 2. Prerequisite: EDUS 2026 and EDUS 2027.

**EDUS 4033 Bilingualism and Bilingual Education**  
2 credit points. Dr Hui Shen. Semester: 2. Prerequisite: EDUS 2026 or EDUS 2027.

This unit of study will be an introduction to theory and practice in bilingualism and bilingual education.

Seminars will cover topics such as the following: the definition of bilingualism and bilingual education; bilingual education policy; code-switching; mother tongue maintenance; community language teaching in ethnic schools; Canadian bilingual education etc.

**EDUS 4034 Computer and Technology in Languages**

2 credit points. Dr Hui Shen. Semester: 2. Prerequisite: EDUS 2026 or EDUS 2027.

Computers and technology in LOTE teaching and learning was introduced in NSW schools in the 1990s. This unit of study will require students to examine some of the commercial computer software in a range of languages; assess the suitability of its application in primary and secondary schools; design personal computer programs for teaching LOTE by using hypercard and crossword. Evaluation of other programs such as telecommunication and satellite LOTE programs will be included.

**EDUS 4035 Teaching Languages in Primary School**

2 credit points. Dr Hui Shen. Semester: 1. Prerequisite: EDUS 2026 or EDUS 2027.

Government recent language policy has emphasised the teaching of LOTE in primary schools. This unit of study will examine theory and practice of teaching LOTE in NSW primary schools, in particular the generic LOTE syllabus for primary schools. LOTE teaching and learning strategies, assessment and cultural activities suitable for primary school children will be covered. Classroom observations or teaching of LOTE and research in NSW primary schools will be required as independent studies.

**EDUS 4036 Language Policy and Syllabus Studies**

2 credit points. TBA. Semester: 1. Prerequisite: EDUS 2026 or EDUS 2027.

This unit of study will give students the skills to evaluate programs and to effect change in school programs. The focus of the unit of study will broaden to include the state, national and international contexts of LOTE policies and syllabus development. Broad issues to be covered will include: the role of LOTE teaching in schools, attitudes to language learning, situation analysis, developments in language policy and planning

in Australia and overseas, educational policy directions and effects on LOTE teaching and learning.

### EDUS 4037 Research in Language Education

2 credit points. Mr Hui Shen. **Semester:** 1. **Prerequisite:** EDUS 2026 and EDUS 2027.

Language teachers are playing more of a role in school/classroom research and are increasingly undertaking further study and research. In this module you will be introduced to a range of research methods and tools such as action research, ethnography, interview/survey, discourse analysis, grounded theory and practitioner research. You will develop and carry out your own research with support from lecturers and other participants.

### EDUS 4038 Materials and Tasks in Language Teaching

2 credit points. Hui Shen. **Semester:** 1. **Prerequisite:** EDUS 2026 and EDUS 2027.

Foreign language textbooks have espoused a pragmatic approach to the teaching of language, underscoring the value of communicative competence, functional language use, and conversational effectiveness, while at the same time retaining to some degree the more traditional goals of structural analysis and 'knowledge about' language and cultures(s) (Knutson).

A range of language teaching textbooks will be examined in the light of this statement by using evaluation techniques appropriate to Australian needs.

### EDUS 4039 Teaching Language HSC Options

2 credit points. TBA. **Semester:** 2. **Prerequisite:** EDUS 2026 and EDUS 2027.

This unit of study will examine methodologies of teaching current texts on the Year 12 Higher School Certificate syllabus from a 'student discovery' oriented point of view. Theories of teaching film, song, poetry, drama and literature will be applied to texts in a range of languages and appropriate teaching and learning techniques developed for each genre.

### EDUS 4040 Teacher Competency in Languages

2 credit points. Hui Shen. **Semester:** 2. **Prerequisite:** EDUS 2026 and EDUS 2027.

This unit of study will examine the notion of a competency-based approach to the teaching of languages other than English and considers the role of professional autonomy in maintaining standards.

The wider issues of a competency-based approach in setting national standards will be examined, as well as levels of teacher proficiency in the target language and culture and possible ways of evaluating classroom teaching skills.

## ■ Secondary: Single Degree/ Curriculum Methods - English

### EDUS 2032 Teaching Adolescent Literature

2 credit points. Dr Dennis Robinson. **Semester:** 2. **Prerequisite:** EDUS 2028 and EDUS 2036. **Assessment:** Assessment will involve the reading and oral reporting and a written assignment.

This unit of study is designed to introduce the wide range of literature available to students in the approximate 11-16 age range (ie, years 7-10) and some strategies appropriate to the teaching of literature in junior secondary classes. The emphasis will be on novels as the most common focus of literature-based units of work, but some attention will also be given to short stories and non-fiction.

### EDUS 2033 Teaching Debating

2 credit points. Mr John Hughes. **Semester:** 2. **Prerequisite:** EDUS 2028 and EDUS 2036. **Assessment:** Assessment will take the form of participation in debates and a written assignment.

This unit of study will train teachers in the art of debating and public speaking. The focus will be on the role of the secondary school debating coach and the concepts of matter, manner and method in effective public speaking. Participants in the unit of study will gain experience in chairing, adjudicating and speaking in debates.

### EDUS 2034 Teaching Drama

2 credit points. Mr John Hughes. **Semester:** 2. **Prerequisite:** EDUS 2028 and EDUS 2036. **Assessment:** Assessment will include participation in tutorial sessions and a written review.

This unit of study will explore ways to teach drama to secondary English students. The focus will be on the nature of the genre of play scripts, how to teach plays as performance pieces, the role of

improvisation in drama pedagogy, analysis of live theatre and assessment of drama tasks.

### EDUS 2035 Teaching Poetry

2 credit points. Dr Dennis Robinson. **Semester:** 1. **Prerequisite:** EDUS 2028 and EDUS 2036. **Assessment:** Assessment will take the form of a written assignment on poetry teaching.

This unit of study will discuss issues involved in the teaching of poetry in both junior and senior classes. Approaches to poetry which will emphasise encouraging response from students and meaningful engagement with texts are emphasised. Poetry will be seen as a valuable resource for the teacher and an exciting study for the student. Ways of getting students to write their own poems and teacher's use of them are also included in the unit of study.

### EDUS 2037 Teaching Writing

2 credit points. Ms Jackie Manuel. **Semester:** 1. **Prerequisite:** EDUS 2028 and EDUS 2036. **Assessment:** Assessment will require students to engage in both creative and critical writing. A range of assessment items will be issued and students will negotiate tasks with the lecturer.

This is an expansion of elements of the Core unit of study in which the teaching of writing is covered. It will allow students to engage more fully in this aspect of English teaching than was possible in the introductory unit of study. The unit will explore a range of theoretical models for teaching/learning writing, and there will be a strong emphasis on theory-in-practice. Students will explore the practical implications of teaching writing in the secondary school through interactive workshops and seminars.

### EDUS 2038 Using the Media in Teaching English

2 credit points. Mr Dennis Robinson. **Semester:** 1,2. **Prerequisite:** EDUS 2028 and EDUS 2036. **Assessment:** Assessment will be through presentation of an investigative or creative media assignment.

This unit of study will aim to give students the opportunity to use the media practically as well as theoretically as a vehicle in the English classroom. Students will be involved in deconstruction, reconstruction, interpretation and integration of media sources into a coherent relationship with other aspects of the English curriculum.

### EDUS 2040 Shakespeare on Film

2 credit points. Ms Jackie Manuel. **Semester:** 1,2. **Prerequisite:** EDUS 2028 and EDUS 2036. **Assessment:** Assessment will require students to construct practical teaching and learning resources for teaching Shakespeare on Film in the secondary school and to present critical and interpretative responses to the material explored within the unit.

This unit of study will examine the advantages and disadvantages of translation of Shakespearean text to film. Viewing extracts from a range of films including Romeo & Juliet, Othello, Macbeth, Lear, Hamlet and Richard III, the course will explore directorial interpretations and examine the treatment of Elizabethan issues and textual constructions through active discussion and consideration of classroom activities

## ■ Secondary: Single Degree/ Curriculum Methods - Judaic Studies (Modern Hebrew)

### EDUS 2043 Introduction to Judaic Studies

4 credit points. Mr Harry Oppermann. **Semester:** 1. **Prerequisite:** 12 junior credit points HBRW or JCTC. **Assessment:** Each participant will be required to design a unit of work.

This unit of study aims to develop skills, knowledge and understanding of teaching techniques for teaching Judaism, Jewish History and Biblical text studies.

### EDUS 2044 School and Community

2 credit points. Mr Harry Oppermann. **Semester:** 1,2. **Prerequisite:** EDUS 2043. **Assessment:** Assessment will be in the form of an essay of 1500-2000 words.

This unit of study aims to develop the knowledge, skills and understanding of how to address specific problems facing the Jewish educator and the pupil in a diverse cultural community and in diverse linguistic background contexts.

### EDUS 4055 Approaches to Teaching Judaism

2 credit points. Mr Harry Oppermann. **Semester:** 1,2. **Prerequisite:** EDUS 2043 and EDUS 2044. **Assessment:** Assessment will be in the form of each participant designing a unit of work.

This unit of study aims to assist students to design and teach programs which assist pupils to develop understanding skills and

knowledge of their identity, history, cultural values and ethics, and beliefs using the literature and sources of Judaism

#### EDUS 4056 Tools for Teaching Bible

2 credit points. Mr Harry Oppermann. Semester: 1. Prerequisite: EDUS 2043 and EDUS 2044. Assessment: Assessment will be in the form of each participant designing a unit of work.

This unit of studies aims to develop knowledge, skills and understanding in: Creative presentation of subject matter; Enhancing the teaching of Bible with archaeology and ancient history; Methods of teaching Tefilah;

#### EDUS 4057 Tools for Teaching Talmud

2 credit points. Mr Harry Oppermann. Semester: 1,2. Prerequisite: EDUS 2043 and EDUS 2044. Assessment: Assessment will be in the form of each participant designing a unit of work.

This unit of study aims to develop knowledge, skills and understanding in: Creative presentation of subject matter; Methods of teaching Mishna and Gemara; Enhancing the above through Midrash;

#### EDUS 4058 Prayer/Other Aspects Religion in Schools

2 credit points. Mr Harry Oppermann. Semester: 1. Prerequisite: EDUS 2043 and EDUS 2044. Assessment: Assessment will be in the form of an essay of 1500 words.

This unit of study aims to develop knowledge, skills and understanding in: The provision of opportunities for students to participate intelligently in Tefilah; Addressing and comparing the role of the home with the impact of the school in religious education; Research into the effectiveness of Jewish education;

## ■ Secondary: Single Degree Curriculum Methods - Mathematics

#### EDUM 4019 Remedial and Enrichment Mathematics

2 credit points. Mr Lindsay Grimison. Semester: 1. Prerequisite: EDUM 2016 and EDUM 2015. Assessment: Assessment will take the form of 2 field reports on clinical work in a High School.

This unit of study will extend upon Learners With Special Needs and provides students with a practical course in which remediation and enrichment techniques are developed with two small groups of secondary students at a local high school. One group will probably be from a mixed ability Year 7, the other a lower ability Year 10 or 11.

#### EDUM 4020 Problem Solving

2 credit points. Mr Lindsay Grimison. Semester: 2. Prerequisite: EDUM 2015 and EDUM 2016. Assessment: Assessment will be through an assignment.

This unit of study will enable students to examine carefully the literature which abounds on the effective teaching of problem solving as an integral part of the secondary school mathematics curriculum. Opportunities will be provided for actually carrying out problem solving activities in class-time.

#### EDUM 4021 Resources and Excursions in Maths

2 credit points. Mr Lindsay Grimison. Semester: 1. Prerequisite: EDUM 2015 and EDUM 2016. Assessment: Assessment will take the form of a class presentation and an assignment.

In this unit of study, teaching resources (commercial and hand-made) will be examined. Also a study of mathematical excursions in the outdoors will be made which are designed to increase the students' perception of their relevance and enjoyment of mathematical activities beyond the confines of the classroom. This unit of study will incorporate students actually completing a Maths Trail.

#### EDUM 4022 Mathematics and Technology I

2 credit points. Mr Lindsay Grimison. Semester: 1. Prerequisite: EDUM 2015 and EDUM 2016. Assessment: Students will plan and design a 45min workshop for students using graph calculation for the year 12 classroom.

In this unit of study the applications of the graphic calculator to the secondary mathematics classroom will be explored in detail. Students will be loaned a graphic calculator and a wide range of its applications to both the junior and senior classroom will be explored. The emphasis will be placed on the students themselves developing appropriate activities for the teaching of assigned mathematical activities in the secondary school mathematics curriculum.

#### EDUM 4023 Teaching Senior Mathematics

2 credit points. TBA. Semester: 2. Prerequisite: EDUM 2015 and EDUM 2016. Assessment: Assessment will be through an assignment.

This unit of study will include an examination of approaches to the teaching and learning of various aspects of the 2, 3 and 4 unit courses in mathematics in Years 11 and 12. Calculus will not be treated in this unit as another is especially devoted to its development in the classroom.

#### EDUM 4024 Mathematics and Technology II

2 credit points. TBA. Semester: 2. Prerequisite: EDUM 2015 and EDUM 2016. Assessment: Assessment will be through the evaluation of a software package or the design of an original spreadsheet.

The new technology will be examined in this unit of study, especially the use of computers in the secondary mathematics classroom. The use of spreadsheets and data bases will be particularly examined, together with suitable computer software packages, including Geometers' Sketchpad.

#### EDUM 4025 Teaching Calculus

2 credit points. TBA. Semester: 2. Prerequisite: EDUM 2015 and EDUM 2016. Assessment: Assessment will be through an assignment.

This unit of study will deal with appropriate ways of introducing and developing differential and integral calculus to 2 and 3 unit students in Years 11 and 12. The place of calculus in the senior school mathematics curriculum will be examined, together with moves to relate it more to the use of computer software and graphic calculators. Non-traditional methods of introducing the differential calculus will be examined.

#### EDUM 4026 Research in Mathematics Ed

2 credit points. TBA. Semester: 1. Prerequisite: EDUM 2015 and EDUM 2016. Assessment: Assessment will be in the form of a seminar presentation and the evaluation of a research proposal.

This unit of study will consolidate previous studies in the mathematics curriculum sequence and will attempt to prepare the student for movement into the role of a mathematics educator. Current issues in mathematics education will be examined including alternative assessment, gender, language, mathematics anxiety, etc. Also the incorporation of appropriate action research skills and methodologies into the student's secondary mathematics classroom will be considered.

## ■ Secondary: Double Degrees

#### EDSE 3001 Health Issues/Sports Coaching

4 credit points. Ms Gail Sunderland. Semester: 1. Classes: 12 hours: 2 hours per week over 6 weeks. Prerequisite: 48 credit points including 20 credit points of Education. Assessment: This course is graded PASS/FAIL. A satisfactory standard must be achieved in both: 1. Attendance at class and participation in class activities, 2. Completion of ONE assessment task by the due date set in first lecture.

The subunit Health Issues in Schools examines the Health Promoting School concept; identifies adolescent health issues and ways of dealing with them within the school context; identifies critical incidents and their effects on schools; and examines the role of teachers in dealing with health issues.

The subunit Sports Coaching in Schools will examine the roles and responsibilities of teachers as sport supervisors and/or coaches; develops skills and methods in coaching and supervising sports in secondary schools; and examines relevant school policies and issues related to the participation of students and teachers in the secondary school sports program.

#### Textbooks

NSW Department of Health, NSW Department of School Education, NSW Catholic Education Commission, & NSW Association of Independent Schools. (1996). Towards a health promoting school. Sydney: NSW Government Printer.

Rowling, L. (1996). Health promoting schools: A challenge for teacher professional development. ACHPER Healthy Lifestyles Journal, 43(2), 5-7.

Rowling, L. (1996). The evolution of the health promoting schools movement in Australia. Paper presented at the Health Promotion and Schools Symposium. Newcastle, 1996.

Heaven, P. (1996). Adolescent health: the role of individual differences. London: Routledge.

#### EDSE 3002 Craft Knowledge and Prof Practices 1

8 credit points. Ms Jenny Simons. Semester: 1. Classes: (equivalent to 8 hours per week x 6 weeks). Prerequisite: 48 credit points including 20 credit points of Education. Assessment: Assessment will include a seminar presentation, participation in web site discussion and a written assignment. (2 000 words).

Professional practices and craft knowledge cannot be developed simply by mastering teaching skills and strategies. They are part of embodied knowledge, learned through an inductive process including observation, participation and mentoring. There are a range of practices used by teachers who are recognised as



outstanding in their field. This unit seeks to identify such practices and assist students to adapt them for their own teaching style. The unit of study aims to not only promote the learning of essential skills but to facilitate the students' initiation into professional practices.

#### Textbooks

- Barry, K and King, L (1996) *Beginning Teaching*. Wentworth Falls. Social Science Press  
 Marsh, C (1996) *Handbook for Beginning Teachers*. South Melbourne: Addison Wesley Longman  
 Shaddock, G (1998) *Professionalism and intensification in teaching: case study of care in teachers work*. APJTE 26 (3) 177-189

#### EDSE 3003 Professional Experience 1

4 credit points. Ms Jenny Simons. Semester: 1. Prerequisite: 48 credit points including 20 credit points of Education. Assessment: Evaluation will be through completion of a satisfactory report.

This unit will include a range of professional experiences in schools and other learning contexts - eg, observing, acting as a teacher's aide, teaching in a classroom and participating in wider school and community activities.

#### EDSE 3004 Visual Arts Curriculum 1

4 credit points. Ms Marianne Hulsbosch. **Semester: 1. Classes:** 2hrs/wk. **Prerequisite:** 20 credit points of Education +12 junior credit points of Art History and Theory. **Corequisite:** Practical art course taken at the Tin Sheds. **Assessment:** Critical review of literature, Reflective essay, Class presentations, Practical projects.

This course will firstly examine the nature and scope of Visual Art Education within NSW. This is followed by a survey of extant pedagogical models of art teaching with a special emphasis on experiential learning, learning through practical activity. The role of reflection within authentic learning contexts will receive special emphasis in the context of the NSW Visual Art syllabus (7-10). Authentic, practical activities will be utilised to contextualise and ground art education processes. Students will be introduced to organising, planning and managing teaching experiences including programming of learning experiences, writing lesson plans for the junior secondary school.

#### Textbooks

- Board of Studies NSW. (1997 reprint). *Visual Arts Years 7-10 Syllabus*. North Sydney: Board of Studies NSW.  
 Board of Studies NSW. (1997 reprint). *Visual Arts Years 7-10 Support Document* North Sydney: Board of Studies NSW.  
 Broos, L., Chee, L. & Slade, L. (1996) *In the Picture*. Melbourne: Oxford University Press.  
 Department of Education and Training. (1998) *Teaching Literacy in Creative Arts in Year 7*. Ryde: Curriculum Directorate, Department of Education and Training NSW.  
 G. Israel (1997) *Artwise 7-10* Milton, Queensland: Jacaranda Wiley Press.

#### EDSE 3005 Visual Arts Curriculum 2

4 credit points. Ms Marianne Hulsbosch. **Semester: 2. Classes:** 2hrs/wk. **Prerequisite:** Visual Art Curriculum 1 EDSE 3004 Practical art course taken at the Tin Sheds. **Corequisite:** Advanced practical art course taken at the Tin Sheds. **Assessment:** Units of Work with appropriate Lesson Plans, In-school observation report, Student evaluation program, Practical projects.

This course will closely examine the nature and scope of Visual Art Education within Australia. This is followed by a survey of extant pedagogical models of art teaching with a special emphasis on experiential learning, learning through practical activity. The role of reflection within authentic learning contexts will receive special emphasis in the context of the DET NSW Visual Art Policy Documentation. Authentic, practical activities will be utilised to contextualise and ground student art appreciation and evaluation processes. Students will be introduced to organising, planning and managing teaching experiences including programming of learning experiences, writing units of Work for the junior secondary school.

#### Textbooks

See Textbooks entry for EDSE 3004

#### EDSE 3006 History Curriculum 1

4 credit points. Ms Carmel Young. **Semester: 1. Classes:** Friday 9-11 and 11-1 Semester 1 and 2. **Prerequisite:** 48 credit points including 20 credit points of Education. **Assessment:** Four assessment tasks must be completed successfully: Task 1 - What is history? - 20%, Task 2 - Questioning in history - 20%, Task 3 - Peer teaching presentation - 20%, Task 4 - Empathy in history - 40%.

This unit of study aims to prepare History Curriculum students in the theory and practice of teaching history in the secondary school. The course 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.

#### Textbooks

- Angvik, M & von Borries, B (eds) (1996) *A Comparative Survey on Historical Consciousness and Political Attitudes among Adolescents*, Korber-Stiftung  
 Booth, M (1994) 'Cognition in History: A British Perspective', *Journal of Educational Psychology*, 29,2 (pp.61-69)  
 Booth, M, Culpin, C & Macintosh, H (1987) *Teaching GCSE History*, Hodder and Stoughton  
 Bourdillion, H (ed) (1994) *Teaching History*, Routledge  
 Fines, J (1994) *Reading Historical Documents*, Basil Blackwell  
 Husbands, C (1996) *What is history? Language, ideas and meaning in learning about the past*, Open University  
 Jenkins, K (1991) *What is History?* Routledge  
 Jenkins, K (1995) *On what is history*, Routledge  
 Pendry, A, Husbands, C, Arthur, J & Davidson, J (1998) *History Teachers in the Making: Professional Learning*, Open University Press  
 Phillips, R (1998) *History Teaching, Nationhood and the State: A Study in Educational Politics*, Cassell.  
 Portal, C (ed) (1987) *The History Curriculum for Teachers*, The Falmer Press  
 Sexias, P (1993) 'Historical Understanding among Adolescents in Multicultural Settings', *Curriculum Inquiry*, 23,3 (pp.303-327)  
 Tosh, J (1984) *The Pursuit of History - Aims, Methods and New Directions in the Study of Modern History*, Longman  
 Young, CM. (1996) 'Civics and citizenship education and the teaching of history', *Unicorn, Journal of the Australian College of Education*, 22,1 (pp.64-71)  
 Young, CM (1998) 'Recasting History: For Better or for Worse', Dec. (pp.1-10)

#### EDSE 3007 History Curriculum 2

4 credit points. Ms Carmel Young, Mr Timothy Allender. **Semester: 2. Prerequisite:** EDSE 3006 History Curriculum 1. **Assessment:** Students will be assessed on collaborative group presentations, and in line with assignment guidelines outlined above.

This module aims to introduce students to a range of source-based experiential 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 various ways in which this topic may be represented in the history classroom, and work collaboratively in the development of teaching and learning materials.

#### EDSE 3008 Geography Curriculum 1

4 credit points. Dr Kevin Laws. Semester: 1. Prerequisite: 48 credit points including 20 credit points of Education. Assessment: Students will develop a unit overview, lesson plans (including one based upon a web site), and student assessment program.

This module aims to assist students to become confident, enthusiastic and competent teachers of geography in Years 7 to 10. Initially students will investigate the history of geography as a discipline and how it came to have a key place in the junior secondary school curriculum. The core concepts of geography will be studied with an emphasis placed on how each concept can be taught to 12 to 16 year olds. Approaches to lesson and program planning will be developed through reference to the current NSW Board of Studies Geography Syllabus Stages 4-5. Special attention will be given to developing an assessment program to determine student achievement of the syllabus outcomes.

#### EDSE 3009 Geography Curriculum 2

4 credit points. Dr Kevin Laws. Semester: 2. Prerequisite: EDSE 3008 Geography Curriculum 1. Assessment: Students will complete weekly tasks based on specific geographical tools and skills.

This module is designed to develop students' understanding of geographical tools and skills. A variety of maps, graphs and statistics, and photographs will be used to investigate the components of planning a sequence of skill development through the use of geographical tools. Activities will be developed which will assist school students develop skills in acquiring, processing and communication geographical information, as well as encouraging their participation as active and informed citizens. In addition special attention will be given to the place of fieldwork in geography programs, including how a teacher can help students become active investigators of everyday phenomena.

#### EDSE 3010 Drama Curriculum 1

4 credit points. Mr John Hughes. Semester: 1. Prerequisite: 20 credit points of Education + 16 credit points of Performance Studies. Assessment: Assessment will include the development of lesson plans; critiquing a professional theatre performance; seminar presentations. This unit is designed to prepare students for the teaching of Secondary Drama, understood as both a learning medium and an

art form in its own right. The course involves mastering a range of teaching-learning processes designed to produce cognitive/aesthetic development in the participants. Students will be able to teach a continuum, from process drama (designed for the participants) through to performance (designed for an external audience).

#### Textbooks

- Cusworth R & Simons J (1997) *Beyond the Script* Sydney PETA  
 Davis D & Lawrence C (1986) *Gavin Bolton: Selected Writings* Longman  
 Haseman B & O'Toole J (1987) *Dramawise* Richmond (Vic) Heinemann  
 Heathcote D & Bolton G (1994) *Drama For Learning: Account of Heathcote's Mantle of the Expert* USA Heinemann  
 Hughes J (ed) (1991) *Drama in education: the state of the art* Rozelle, EDA  
 Morgan N & Saxton J (1987) *Teaching Drama: a mind of many wonders* Hutchinson  
 Neelands J (1990) *Structuring Drama Work* Cambridge, Cambridge University Press  
 O'Neill C (1995) *Drama Worlds* Heinemann

#### EDSE 3011 Drama Curriculum 2

4 credit points. Mr John Hughes, Ms Jenny Simons. Semester: 2. Prerequisite: EDSE 3010 Drama Curriculum 1 + 16 credit points of Performance Studies. Assessment: Assessment will include developing teaching resources for HSC Drama & seminar presentations. This unit continues the preparation of students for the teaching of Drama in years 7-12. It seeks to deepen the mastery of teaching-learning processes designed to produce cognitive/aesthetic development in the participants. Students will extend their repertoire of teaching techniques and refine their understanding of the nature of learning in and through the art form of drama.

#### Textbooks

- Abbs P (1994) *The Educational Imperative* London Falmer  
 Best D (1992) *The Rationality of Feeling* London Falmer Press  
 Boal A (1979) *Theatre of the Oppressed* London Pluto Press  
 Gardner H (1993) *The Arts & Human Development* NY Basic Books  
 Hughes J (ed) (1991) *Drama in education: the state of the art* Rozelle, EDA  
 Morgan N & Saxton J (1987) *Teaching Drama: a mind of many wonders* Hutchinson  
 Neelands J (1990) *Structuring Drama Work* Cambridge, Cambridge University Press  
 O'Neill C (1995) *Drama Worlds* Heinemann

#### EDSE 3012 TESOL Curriculum 1

4 credit points. Mr Ken Cruickshank. Semester: 1. Prerequisite: 20 credit points of Education + 28 credit points of either English, Linguistics or Languages. Assessment: The assessment tasks will be the completion of a case study into second language acquisition and the development of teaching materials.

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.

#### EDSE 3013 TESOL Curriculum 2

4 credit points. Mr Ken Cruickshank. Semester: 2. Prerequisite: EDSE 3012 TESOL Curriculum 2. Assessment: The assessment tasks include the development of a teaching portfolio and the class presentations of student research.

This unit of study focuses on the development of literacy in a second language and on assessment and evaluation of TESOL learners and teaching programs. Students will explore the implications of the various models of reading for TESOL and the issues surrounding cultural differences in reading and writing. There will also be a focus on the implications of text-type/genre and process, approaches for second language writing. Students will develop skills in linking assessment of teenager and adult learners of English with programming.

#### EDSE 3014 English Curriculum 1

4 credit points. Dr Dennis Robinson and Dr Jacqueline Manuel. Semester: 1. Classes: 4 hours per week for 7 weeks. Prerequisite: 48 credit points including 20 credit points of Education. Assessment: (1) notes on a junior English lesson (2) a reflective journal dealing with students' growing understanding of the English teacher's role, as well as two book reviews and a statement about practicum.

Designed to increase awareness of the issues and concerns involved in teaching Secondary English within the perspective of the K-12 continuum, this unit of study will seek to provide familiarity with syllabus documents, content and materials used in Year 7-10 English classes; and will facilitate the development

of effective, creative professionals who are proficient in a range and variety of teaching strategies appropriate to the class levels and individual needs encountered in secondary English classes.

#### EDSE 3015 English Curriculum 2

4 credit points. Dr Dennis Robinson and Dr Jacqueline Manuel. Semester: 2. Classes: 4 hours per week for 9 weeks. Prerequisite: EDSE 3014 English Curriculum 1. Assessment: Assessment will take the form of (1) a unit of work to be taught to a nominated class level (2) a piece of work relating to either Adolescent Fiction or Senior English. This course will extend and complete the study of the junior secondary English syllabus begun in English Curriculum 1. It will in addition offer an in-depth study of issues relating to the teaching of Adolescent Fiction in years 7 to 10 and will examine the teaching of the Senior English syllabus to years 11 and 12

#### EDSE 3016 Mathematics Curriculum 1A

4 credit points. Mr Lindsay Grimison. Semester: 1. Classes: 32 hours: 4 hours per week for 8 weeks (4 credit points). Prerequisite: 20 credit points of Education + 20 credit points Mathematics. Assessment: Lesson Planning on a topic chosen from Stage 4. Essay (2000) words on a topic related to the course.

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 Stage 4 and 5, focussing on number, algebra and statistics. Preparation for the 15 day block practice teaching segment is given, which occurs at the end of this semester.

#### Textbooks

- Bednarz, N., (1996), *Approaches to Algebra: Perspectives for Research and Teaching*. Dordrecht: Kluwer.  
 Ernest, P (ed), 1989, *Mathematics Teaching: The State of the Art*. London: The Falmer Press.  
 Grimison, L and Pegg, J., (eds), (1995), *Teaching Secondary School Mathematics: Theory into Practice*. Sydney: Harcourt Brace.

#### EDSE 3017 Mathematics Curriculum 1B

4 credit points. Mr Lindsay Grimison. Semester: 1. Classes: 24 hours: 4 hours per week over 6 weeks. Prerequisite: 20 credit points of Education + 20 credit points Mathematics. Assessment: By assignment (80%) and class participation and presentation (20%).

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. Assessment strategies are examined closely as part of the learning experience of students, together with DET policy for measuring and recording formative assessment tasks.

#### Textbooks

- Backhouse, J., Haggarty, L., Pirie, S., and Stratton J. (1992) *Improving the Learning of Mathematics*, Cassell, London  
 Selinger, M. (ed) (1994) *Teaching Mathematics*, Routledge, London  
 Stephens, M., Waywood, A., Clarke, D., and IZard, J. (eds) (1993) *Communicating Mathematics*, Australian Council for Educational Research, Hawthorn, Victoria

#### EDSE 3018 Mathematics Curriculum 2A

4 credit points. Mr Lindsay Grimison. Semester: 2. Classes: 32 hours: 4 hrs per week for 8 weeks in Yr 3 (4 credit points) in Yr 3. Prerequisite: EDSE 3016 Mathematics Curriculum 1 A. Assessment: Class test on mathematical proof; design of geometry lessons incorporating technology.

This unit of study focuses upon the learning and teaching of geometry, especially in phases 4 and 5. The nature of geometric proof is explored in detail and the teaching of tMs notion based on recent research is examined. The place of appropriate technology in the teaching and learning of secondary mathematics is examined- especially spreadsheets and software and Geometer's Sketchpad is used as an example of this outstanding technology.

#### Textbooks

- Bloomfield, A and Harries, T., (1995), *Teaching and Learning Mathematics With IT*. Derby: Association of Teachers of Mathematics.  
 Burton, L. and Jaworski, B. (1995), *Technology in Mathematics Teaching: a Bridge between Teaching and Learning*. Bromley: Chartwell-Bratt.  
 Mammana, C and ViUani, V (eds.), (1998), *Perspectives on the Teaching of Geometry for the 21st Century: An ICMI Study*. Dordrecht: Kluwer.

**EDSE 3019 Mathematics Curriculum 2B**

4 credit points. Mr Lindsay Grimison. **Semester: 2. Classes: 24 hours: 3 hours per week over 6 weeks in a school and 2 hours per week over 3 weeks at university. Prerequisite:** EDSE 3017 Mathematics Curriculum 1B. **Assessment:** By assignment (100%) in conjunction with teacher's weekly reports.

This unit of study focuses on the role of the mathematics teacher in planning for students with specific learning needs in the junior high school years. As a school based unit, it provides the student with the opportunity to work directly with children. The construction of rich learning environments for students are done with the classroom teacher. Assessment strategies for these children are examined closely as part of the learning experience, together with DET policy for measuring and recording formative assessment tasks.

**Textbooks**

Nunes, X, Dias Schliemann, A., and Carraher, D. (1993) Street

Mathematics and school mathematics Cambridge University Press, Cambridge

Bobis, J., Mulligan J., Lowrie, T. and Taplin M. (1999) Mathematics for Children: challenging children to think mathematically Prentice Hall, Sydney

Bowd, A. (1990) Exceptional children in Class, Hargreen Publishing, Victoria

**EDSE 3020 LOTE Curriculum 1A**

4 credit points. Dr Hui Shen. **Semester: 1. Prerequisite:** 20 credit points of Education + 28 credit points of either English, Linguistics or Languages. **Assessment:** Students will complete two assignment tasks. The first one will be an essay (1500 words) on the topic of Teaching Languages in NSW schools: Issues and Options. Students will need to draw on relevant literature and syllabus documents that specify how teachers of Languages can establish a supportive and challenging learning environment in schools for effective Languages study. It will be linked to outcomes 1,2 and 3.

This unit outlines the background and profile of the teaching of Languages in Australia. While the focus is on the NSW K-12 Languages programs and syllabuses, programs and syllabuses from other States will also be examined or cross-referenced with a view to identifying common issues and perceived concerns in the wider contexts of Languages teaching as one of the Key Learning Areas in the school curriculum. During the course students will have exposure to the various language teaching approaches and theories, and examine critically these approaches in the light of recent theoretical developments and practices in the field. They will also have opportunities to learn the skills of planning, designing and micro teaching language lessons in a simulated situation. Skills in the use of teaching aids will also be introduced.

**EDSE 3021 LOTE Curriculum 1B**

4 credit points. Dr Hui Shen. **Semester: 1. Prerequisite:** 20 credit points of Education + 28 credit points of either English, Linguistics or Languages. **Assessment:** Students will complete one written assignment (3000 words), which should be done in two stages. During stage I students need to develop a short research proposal stating clearly the nature of the research (literature review, report or case study). Stage II will see the completion of the whole assignment. The written assignment could be a critical literature review on language teaching and research or a review/report on recent developments in language policies and curriculum documents. This will be linked to outcomes 1 to 5.

This unit of study is organised in the form of self-directed study in which students will have a number of options for a guided research project on aspects of language teaching and learning in a NSW/Australian context. This project-based study aims to develop students' ability to research in an area that is closely related to the topics covered in Curriculum I, such as approaches to language teaching and learning or new developments and initiatives in language teaching and research in NSW schools. The project can be a literature review on theories of language teaching and learning or a combination of a literature review and a report on recent Australian/NSW Languages initiatives at curriculum and policy level.

**EDSE 3022 LOTE Curriculum 2A**

4 credit points. Dr Hui Shen. **Semester: 2. Prerequisite:** EDSE 3020 LOTE Curriculum 1A. **Assessment:** Students will complete two assignment tasks. The first one would involve studying a syllabus for a target language and write a commentary (1500 words) on related sections: Course Structure, Outcomes and Outcomes, Content and Assessment and Reporting with particular reference to the specifications for the macro skills. This may include a description of the syllabus requirements in terms of themes, topics, text/task types and the weighting of each macro skill in assessment tasks. It will be linked to outcomes 1,2 and 3. The second task is to develop a portfolio of materials and tasks on a chosen topic(s) for a Languages class. The completed portfolio should contain TWO communicative tasks for each of the macro skills (LSRW)

with at least ONE computer-related task and a brief description of the level of students. Materials and tasks should be selected and designed with a conscious awareness of showing sequence and progression. Include copies of work/activity sheets (BLMs). It will be linked to outcomes 1, 2, 3, 4 and 5.

The primary purpose of learning a language is to gain the skills and strategies for effective communication. This unit will examine theories and approaches that inform best practice in language teaching in terms of the three related aspects of language teaching pedagogy: approach, design and procedure. The focus will be on the teaching of the macro skills of listening, speaking, reading and writing. The acquisition of these skills involves the ability to use various learning and communication strategies, the ability to convey meaning clearly and coherently and the ability to understand both oral and written messages in the target language. All these factors will be considered along with the means by which these skills may be best acquired. The unit will also explore ways of devising computer-related materials and tasks for the Languages class

**EDSE 3023 LOTE Curriculum 2B**

4 credit points. Dr Hui Shen. **Semester: 2. Prerequisite:** EDSE 3021 LOTE Curriculum 1B. **Assessment:** Students will complete one written assignment (3000 words), which will be a report on a case study (interview) of a student learning a foreign language. The report should include an examination of various aspects relating to the student's study of the target language such as process of teaching and learning, language materials and tasks, student-teacher relationships and instructional procedures. Analysis and discussion of the findings should be done with reference to relevant literature on language teaching and learning. Implications for teaching and learning also need to be spelled out. The report should contain some background information about the subject. This will be linked to outcomes 1 to 6.

In this phase of the course, the focus will be on classroom practices and the process of teaching and learning. Students will gain an enhanced understanding of teaching and learning through reflecting on their own teaching and learning and, more specifically, conducting a case study of a young learner of a target language. Various techniques of and approaches to facilitating language learning in the macro skills will be examined in the process of interviewing and data analysis. The insights gained will inform teaching and foster best practices in the Languages class at school level. Students will also develop research skills through this exercise.

**EDSE 3024 Computer Studies Curriculum 1**

4 credit points. TBA. **Semester: 1. Classes: 2hrs/wk. Prerequisite:** 20 credit points of Education + 12 credit points Computer Studies.

**Assessment:** Class presentations, report, examinations, research, program design.

This unit of study focuses initially on the teaching of the Computing Studies 7-10 syllabus and the concept of a systems perspective where a computer scientist investigates and the computer professional applies hardware and software technology in order to solve problems. The concept of problem solving is also examined so as to enable students to analyse problems, to identify how similar problems have been solved in the past, to identify possible solutions, determine the appropriateness of the role of the computer in the solution and to see such solutions in the context of a broader environment that consists of people, hardware and software. These skills will then be incorporated in the development of teaching and related resources, and the preparation of appropriate lesson plans and units of study

**EDSE 3025 Computer Studies Curriculum 2**

4 credit points. TBA. **Semester: 2. Classes: 2hrs/wk. Prerequisite:** EDSE 3024 Computer Studies Curriculum 1. **Assessment:** Class presentations, report, examinations, research, program design.

This unit of study focuses on the teaching of both the Information Technology and Processes and Software design and Development Higher School Certificate courses. Content such as the nature of information systems, systems design, project work, transaction processing, algorithms and program code, social and ethical issues in software design, operating systems, and optional modules such as the evolution of programming languages and the software developer's view of hardware will receive extended coverage in the context of designing appropriate learning experiences. Where possible ICT will be used to exemplify concepts, practices, and approaches in the computer classroom.

**EDSE 3026 Judaic Studies Curriculum 1**

4 credit points. Mr Harry Oppermann. **Semester: 1. Prerequisite:** 20 credit points of Education + 28 credit points of either English, Linguistics or Languages. **Assessment:** Assignment (1500 words) Short class presentation on adolescents and religion relating to the content of this unit.

This unit develops understandings: of integrating Jewish education with the rest of the curriculum where possible; how to provide an environment where students' understanding of their faith and identity can grow and develop; resources available for teaching Judaism and other aspects of Jewish Studies; how to address problems of dealing with varying levels of practice and belief in the classroom; how to teach Jewish education at a level comparable to other subjects.

**EDSE 3027 Judaic Studies Curriculum 2**

4 credit points. Mr Harry Oppermann. **Semester: 2. Prerequisite:** EDSE 3026 Judaic Studies Curriculum 1. **Assessment:** Students will complete a student presentation/assignment tasks: 1. Each participant will be required to design a unit of work in addition to a class presentation for teaching a topic in Judaism using experiential teaching techniques (equivalent to a 1500 word essay).

This unit will focus on experiential education and teaching programs for themes as they apply to their identity and culture such as Jewish belief, practice, identity, place in the Modern World, attitudes to social need, values and ethics, the continuity of Jewish learning using the oral tradition and Rabbinical Responsa to illustrate this concept.

**EDSE 3028 Commerce/Economics Curriculum 1**

4 credit points. Mr Mike Horsley, Ms Lian Merritt. **Semester: 1. Classes:** Wednesday 9-10,11-12 and 12-1 Friday 9-11 and 11-1 **Semester 1. Prerequisite:** 48 credit points including 20 credit points of Education. **Assessment:** The individual components completed each week of the module will be filed into a Commerce, Business Studies Teachers' Tool Kit. In Semester 1 This tool kit will also contain resources collected and shared for Commerce, Business teaching with 10 components) A separate sheet identifies components of the kit. The kits can be stored in the Economics storeroom (452) and be added to cumulatively. The kits will be presented in Session 7 Semester 1 (100%).

This unit Commerce/Economics Curriculum 1 will prepare students to teach Commerce in stages 4 and 5 and Business Studies in stage 6. The modules in the unit of study provides opportunities for students to achieve outcomes in understanding the curriculum design of commercial education, designing and delivering a range of teaching strategies, evaluating and developing teaching resources and assessing students achievement of Commerce and Business Studies outcomes.

**EDSE 3029 Commerce/Economics Curriculum 2**

4 credit points. Mr Mike Horsley, Ms Lian Merritt. **Semester: 2. Classes:** Wednesday 9-10,11-12,12-1 Friday 9-11 and 11-1 **Semester 2. Prerequisite:** EDSE 3028 Commerce/Economics Curriculum 1.

**Assessment:** 1. Business Plan Students are to complete a business plan as per Business Studies syllabus 50%; 2. Economics Program (50 %) incorporating: Scope and sequence of content, Lesson allocation and times, Varied use of activities and strategies, Planning for assessment. This unit Commerce/Economics Curriculum 2 will prepare students to teach Business Studies and Economics in stage 6. The modules in the unit of study provides opportunities for students to achieve outcomes in understanding the curriculum design of commercial education, designing and delivering a range of teaching strategies, evaluating and developing teaching resources and assessing students achievement of Economics and Business Studies outcomes.

**EDSE 3030 Science Curriculum 1 (Core)**

4 credit points. Mr Tony Sperring. **Semester: 1. Prerequisite:** 12 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 Also 20 credit points of Education. **Assessment:** Assessment will be based on two assignments and a quiz.

This unit of study is the initial Science Curriculum (method) 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 seminal 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 course outline for this unit will be placed on the Internet at [alex.edfac.usyd.edu.au/Methods/Science/doubledegree.htm](http://alex.edfac.usyd.edu.au/Methods/Science/doubledegree.htm)

**EDSE 3031 Science Curriculum 2 (Core)**

4 credit points. Mr Tony Sperring. **Semester: 2. Prerequisite:** EDSE 3030 Science Curriculum 1 (Core). **Assessment:** Assessment will be based on two assignments and a quiz.

This unit of study builds upon the work done in the prerequisite course Science Curriculum 1 (Core). The unit is designed to introduce students to the nature of science teaching and learning, in the context of contemporary research and practices, the planning of science teaching and learning activities, the interpretation and implementation of syllabus aims, objectives and content guidelines as well as school and system policies and regulations. The course outline for this unit will be placed on the Internet at [alex.edfac.usyd.edu.au/Methods/Science/doubledegree.htm](http://alex.edfac.usyd.edu.au/Methods/Science/doubledegree.htm)

**EDSE 3032 Science Curriculum Elective (Chemistry)**

4 credit points. Mr Tony Sperring. **Semester: 1,2. Prerequisite:** 6 credit points of Chemistry and 20 Credit points of Education. **Assessment:** Assessment will be based on two assignments.

This unit of study is a double method Science elective which complements the common ('core') science Curriculum courses, Science Curriculum 1 (Core) and Science Curriculum 2 (Core), taken by all Science Education students in the third year of the double degree program. In this course unit, students study issues in the teaching and learning of Stage 6 Chemistry. The course outline for this unit will be placed on the Internet at [alex.edfac.usyd.edu.au/Methods/Science/doubledegree.htm](http://alex.edfac.usyd.edu.au/Methods/Science/doubledegree.htm).

**EDSE 3033 Science Curriculum Elective (Geology)**

4 credit points. Dr Armstrong Osborne. **Semester: 1,2. Prerequisite:** 6 credit points of Geology and 20 credit points of Education. **Assessment:** Assessment will be based on two assignments.

This unit of study is a double method Science elective which complements the common ('core') science Curriculum courses, Science Curriculum 1 (Core) and Science Curriculum 2 (Core), taken by all Science Education students in the third year of the double degree program. In this course unit, students study issues in the teaching and learning of Stage 6 Geology. The course outline for this unit will be placed on the Internet at [alex.edfac.usyd.edu.au/Methods/Science/doubledegree.htm](http://alex.edfac.usyd.edu.au/Methods/Science/doubledegree.htm). This unit of study will be offered biennially, subject to enrolments.

**EDSE 3034 Science Curriculum Elective (Physics)**

4 credit points. Mr Mike Gunnourie. **Semester: 1,2. Prerequisite:** 6 credit points of Physics and 20 credit points of Education. **Assessment:** Assessment will be based on two assignments.

This unit of study is a double method Science elective which complements the common ('core') science Curriculum courses, Science Curriculum 1 (Core) and Science Curriculum 2 (Core), taken by all Science Education students in the third year of the double degree program. In this course unit, students study issues in the teaching and learning of Stage 6 Physics. The course outline for this unit will be placed on the Internet at [alex.edfac.usyd.edu.au/Methods/Science/doubledegree.htm](http://alex.edfac.usyd.edu.au/Methods/Science/doubledegree.htm). This unit of study will be offered biennially, subject to enrolments.

**EDSE 3035 Science Curriculum Elective (Senior Sci)**

4 credit points. Mr Mike Gunnourie. **Semester: 1,2. Prerequisite:** 6 credit points in two Science areas either Chemistry, Physics, Biology or Geology and 20 credit points of Education. **Assessment:** Assessment will be based on two assignments.

This unit of study is a double method Science elective which complements the common ('core') science Curriculum courses, Science Curriculum 1 (Core) and Science Curriculum 2 (Core), taken by all Science Education students in the third year of the double degree program. In this course unit, students study issues in the teaching and learning of Stage 6 Senior Science, a multidisciplinary science course for senior school students. The course outline for this unit will be placed on the Internet at [alex.edfac.usyd.edu.au/Methods/Science/doubledegree.htm](http://alex.edfac.usyd.edu.au/Methods/Science/doubledegree.htm)

**EDSE 3036 Science Curriculum Elective (Biology)**

4 credit points. Mr Ian Stevens. **Semester: 1,2. Prerequisite:** 6 credit points Biology and 20 credit points of Education. **Assessment:** Assessment will be based on two assignments.

This unit of study is a double method Science elective which complements the common ('core') science Curriculum courses, Science Curriculum 1 (Core) and Science Curriculum 2 (Core), taken by all Science Education students in the third year of the double degree program. In this course unit, students study issues in the teaching and learning of Stage 6 Biology. The course outline for this unit will be placed on the Internet at [alex.edfac.usyd.edu.au/Methods/Science/doubledegree.htm](http://alex.edfac.usyd.edu.au/Methods/Science/doubledegree.htm).

**EDSE 4001 Information Technologies for Teachers**

4 credit points. Mr Nigel Goodwin. **Semester:** 1,2. **Classes:** 24 hours: 2 hours per week over 12 weeks. **Prerequisite:** 48 credit points including 20 credit points of Education. **Assessment:** Design and production of a classroom oriented web site (40%) a presentation package (30%), a classroom appropriate database (30%).

This course and the others that relate to it (see EDSE 4002, IT Curriculum Project) are designed to provide graduates with the knowledge, skills and attitudes identified in the Ministerial Advisory Council on the Quality of Teaching report Computer Proficiency for Teachers (1997) and mandated by employing authorities. Teachers require expertise in the production of classroom relevant resources, especially web based content and interactive resources. Presentation software provides more than simple 'electronic slides' opportunities, and may assist teachers to develop simple web sites and sophisticated paper based material.

**EDSE 4002 Information Tech Curriculum Project**

4 credit points. Mr Tony Sperring. **Semester:** 2. **Classes:** 24 hours: 2 hours per week over 12 weeks. **Prerequisite:** 48 credit points including 20 credit points of Education. **Assessment:** Assessment will be based on an IT project in the student's major teaching method (curriculum) area (or in a cross-curriculum project relevant to their two teaching methods). This unit of study builds upon earlier work in information and communication technology in order to develop students' understanding of, and skills in, the application of contemporary information and communication technologies in the teaching of their curriculum area(s) in schools. Working in their curriculum method groups, students will have the opportunity to investigate the uses of ICT in their curriculum area(s), analyse and evaluate information technologies, interfaces, software and hardware which are relevant to teaching and learning in their curriculum area(s), and work on a project which applies their knowledge and understanding of ICT in the development and/or evaluation of ICT materials which can be used in the teaching of particular curriculum area(s). Each student is to complete a project which demonstrates their understanding of, and competence, in the application of ICT to teaching and learning in their curriculum area(s).

**EDSE 4003 Craft Knowledge and Prof Practices 2**

8 credit points. Ms Jennifer Simons. **Semester:** 2. **Prerequisite:** Craft knowledge and professional practices 1. **Assessment:** Assessment will include a seminar presentation, participation in web site discussion and a written assignment. (2,000 words).

This unit of study also continues the development of reflective practice in teaching. Students will critically assess important research literature dealing with reflection and will also examine pedagogic theory and research in curriculum planning as it relates to a developing teacher's practice. Students will identify and analyse the beliefs, perceptions and decision making processes that underpin their planning and implementation processes. Students will also consider a number of issues important to the commencement of work in the teaching profession, such as curriculum evaluation, innovation and change. Emerging priorities in the ethics of teaching and related legal implications will be examined in detailed. The unit of study will explore how beginning teachers might be inducted into the profession and their ongoing professional learning

**EDSE 4004 Professional Experience 2**

4 credit points. Ms Jennifer Simons. **Semester:** 2. **Prerequisite:** Professional Experience 1. **Assessment:** Evaluation will be through completion of a satisfactory report.

This unit will extend professional experiences in schools and other learning contexts. Students will undertake block teaching with a focus on both the individual classroom and the wider education community.

**EDSE 4005 Internship**

4 credit points. Ms Jenny Simons. **Semester:** 2. **Prerequisite:** Professional Experience 2. **Assessment:** Evaluation will be through completion of a satisfactory report.

The internship provides a bridge between the ending of pre-service preparation and entry into the teaching profession. Students will work in an educational context with the guidance of a mentor. Students will assume total responsibility for one class and be involved in as many aspects of the learning environment as possible.

**EDSE 4006 Visual Arts Curriculum 3**

4 credit points. Ms Marianne Hulsbosch. **Semester:** 1. **Classes:** 2hrs/wk. **Prerequisite:** edse3005 Visual Arts Curriculum 2 Practical art course taken at the Tin Sheds Advanced practical art course taken at the Tin Sheds. **Assessment:** Individual student HSC program, Senior Visual Art program, In-school observation report, Body of Work.

This course will examine the nature and scope of Visual Art Education and Research both locally and internationally. This is followed by a survey of international pedagogical models of art teaching with a special emphasis on experiential learning. The role of reflection within authentic learning contexts will receive special emphasis in the context of the Senior Creative Art syllabus (Stage 6). Authentic, practical activities will be utilised to contextualise and ground art education processes. Students will be introduced to organising, planning and managing teaching experiences including programming of learning experiences, writing lesson plans for the senior secondary school. Students will be introduced to the development of sequential reflective practical learning experiences of an HSC student.

**Textbooks**

Board of Studies NSW. (1997 reprint). Visual Arts Years 7-10 Syllabus.

North Sydney: Board of Studies NSW.

Board of Studies NSW. (1997 reprint). Visual Arts Years 7-10 Support Document North Sydney: Board of Studies NSW.

Board of Studies NSW. (1999). Visual Arts Stage 6 Syllabus. Sydney:

Board of Studies NSW. (2000) Visual Arts Stage 6 Support Document. Sydney: Board of Studies NSW.

Board of Studies NSW. (2000) Visual Arts Stage 6 Annotated

Bibliography. Sydney: Board of Studies NSW.

Department of Education and Training. (1998) Teaching Literacy in

Creative Arts in Year 7. Ryde: Curriculum Directorate, Department of Education and Training NSW.

G. Israel (1999) Senior Artwise. Milton, Queensland: Jacaranda Wiley Press.

Malyon, C, Marsh, M. & Watts, M. (1999) ART: Art, Research, Theory. Melbourne: Oxford University Press.

**EDSE 4007 History Curriculum 3**

4 credit points. Ms Carmel Young, Mr Timothy Allender. **Semester:** 1. **Prerequisite:** EDSE 3007 History Curriculum 2. **Assessment:** Assessment tasks will include 1. Individual class presentations 20%, 2. Group presentations 20%, 3. A major assignment which incorporates the planning and mapping of a unit of work 60%.

History Curriculum Core 3 is designed to develop the skills and understandings 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.

**Textbooks**

Years 11-12 Modern, Ancient and Extension History Syllabuses

Examination, Assessment and Reporting Documents, Support

Documents, Specimen and HSC Examination papers for Stage 6

Bourdillon, H (1996) Teaching History, Routledge

Husbands, C (1998) What is History Teaching, Open University Press

**EDSE 4008 Geography Curriculum 3**

4 credit points. Dr Kevin Laws. **Semester:** 1. **Prerequisite:** Geography Curriculum 1 and Geography Curriculum 2. **Assessment:** Students will plan a unit of work, develop a student handout related to the Senior Geography Project, and plan a field trip.

This module is designed to prepare students to teach the NSW Board of Studies Geography Syllabus Stage 6 Preliminary and HSC Courses. It will draw upon the knowledge and skills developed in Geography Curriculum 1 and 2 and apply these to the topics contained in the syllabus for geography in the senior years of schooling. Program planning and the development of valid and reliable means of assessing student performance will be emphasized. Attention will be given to how student performance can be reported against predetermined standards.

**EDSE 4009 Drama Curriculum 3**

4 credit points. Mr John Hughes. **Semester:** 1. **Prerequisite:** EDSE 3011 Drama Curriculum 2 + 12 credit points of Performance Studies. **Assessment:** Assessment will be by an action research project.

This unit continues the preparation of students for the teaching of Drama. It seeks to extend their collaborative skills, in particular to facilitate team teaching in the drama classroom.

Students will become 'critical friends', and work with mentors to refine their own practice.

**Textbooks**

Taylor P (ed) 1996 Researching drama and arts education: Paradigms and Possibilities London, Falmer

Nicholson H (ed) 2000 Teaching Drama 11-18 London Continuum

O'Toole & Donelan K 1996 Drama, Culture & Empowerment: The IDEA

Dialogues Brisbane, IDEA Publication



Somers J 1996 *Drama and Theatre in Education: contemporary research* Nth York, Ontario: Captus

### EDSE 4010 TESOL Curriculum 3

4 credit points. Mr Ken Cruickshank. **Semester:** 1. **Prerequisite:** EDSE 3013 TESOL Curriculum 2. **Assessment:** Students will choose two assessment tasks from a range that includes fieldwork study, library research and essays and materials development and class presentations.

This unit of study contains four models that relate to the varied contexts of teaching TESOL. The first focus is on cross-cultural issues: multiculturism, anti-racism and intercultural communication skills. The second unit aims to develop students' skills in understanding the systems of English and uses perspectives from both traditional and functional grammar. The third module focuses on the teaching of adults. The final module aims to develop students' professional understanding and expertise as second language educators and covers topics such as the establishment of school programs and the role of the ESL Teacher.

### EDSE 4011 English Curriculum 3

4 credit points. Dr Dennis Robinson and Dr Jacqueline Manuel. **Semester:** 1. **Classes:** 4 hours per week for 7 weeks. **Prerequisite:** English Curriculum 2. **Assessment:** Assessment will take the form of two pieces of work relating to advanced areas of study of the student's own choice.

Students will be offered the opportunity to study two aspects of English teaching in some depth. Options available and when they will be offered will be discussed with tutors at the beginning of the course. At the end of the unit students will have the opportunity to review their course and discuss their views with tutors and year students.

### EDSE 4012 Mathematics Curriculum 3A

4 credit points. Mr Lindsay Grimison. **Semester:** 1. **Classes:** 32 hours: 4 hours per week over 8 weeks. **Prerequisite:** EDSE 3018 Mathematics Curriculum 2A. **Assessment:** By assignment (80%) and class participation and presentation (20%).

This unit concentrates on the new General Mathematics course which attracts half of the students in Years 11 and 12 and was first examined in the 2001 HSC. The pedagogy required for this course is quite new and requires the teacher to be confident in using graphic calculators and spreadsheets where required. New processes such as modelling and analysis of financial spreadsheets are also examined. Outcomes Based Assessment is also examined using this new course as an exemplar.

#### Textbooks

Kissane, B., (1997), *Mathematics With a Graphics Calculator*. Perth: Mathematics Association of Western Australia.  
Tinsley, D. and Johnson, D., (1998), *Information and Communications Technologies in School Mathematics*. London: Chapman and Hall.  
Galbraith, P., (1998), *Mathematical Modelling: Teaching and Assessing in a Technology Rich World*. Chichester: Horwood Press

### EDSE 4013 Mathematics Curriculum 3B

4 credit points. Mr Lindsay Grimison. **Semester:** 1. **Classes:** 24 hours: 2 hours per week over 12 weeks. **Prerequisite:** EDSE 3019 Mathematics Curriculum 2B. **Assessment:** By assignment (80%) and class participation and presentation (20%).

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.

#### Textbooks

Tall, D. (1996) 'Functions and Calculus', in *International Handbook of Mathematics Education*, chapter 8, Kluwer Academic, Dordrecht  
Keitel C. and Ruthven, K. (1991) *Learning from Computers: Mathematics Education and Technology*, Springer-Verlag, New York  
Wood, L. and Perrett, G. (1997) *Advanced Mathematical Discourse*, University of Technology Sydney

### EDSE 4014 LOTE Curriculum 3A

4 credit points. Dr Hui Shen. **Semester:** 1. **Prerequisite:** LOTE Curriculum 2A. **Assessment:** Students will complete two assignment tasks. The first assignment will involve writing a six-week languages program for a target group of students. The completed program should contain a rationale and information about themes, topic(s), learning outcomes, language structure, resources, teaching and learning strategies, text types, skills, assessment, evaluation and some sample work sheets. It will be linked to outcomes 1,2 and 3. The second assignment involves the construction of an integrated test paper covering

the four macro skills with: (1) a set of criteria; (2) marking schemes and (3) an explanation of test type, objectives and students information. It will be linked to outcomes 1,4,5 and 6.

This unit will focus on curriculum planning and programming for the Languages classroom. It will examine a number of pedagogical and practical issues related with the writing of work programs, development and evaluation of teaching and assessment tasks as well as the relationship between teaching and assessing. The principles and mechanisms of programming and assessment will be identified to provide a framework for participants to develop a short program for Languages. While a range of different methods in assessment and evaluation will be explored, the focus will be on the standards-referenced approach adopted in NSW school curricula. Other topics such as proficiency scales and reporting against standards will also be considered.

### EDSE 4015 LOTE Curriculum 3B

4 credit points. Dr Hui Shen. **Semester:** 1. **Prerequisite:** TESOL Curriculum 2B. **Assessment:** Students will evaluate a NSW School Languages program for a particular group of students learning a specific language. In the evaluation mandatory statements and curriculum documents such as NSW Board of Studies Syllabuses, Education 2000, Managing the School, Multicultural Education Policy Statement, and The Value We Teach, need to be considered. This will be linked to outcomes 1 to 5.

Programs writing for Languages demands high level skills, which involves a knowledge of syllabus, other curricular requirements set by educational institutions, as well as the ability to translate these requirements into school work programs. This unit of study aims to further develop students' understanding of principles of programming through evaluating a school Languages program. In the process of analysis students will need to see that all mandatory statements from syllabus documents such as NSW Board of Studies Syllabuses (2000) have been considered. This exercise will also enable students to develop the competence in evaluating a program at three levels: external (claims by the writer), internal (program contents) and local (syllabus requirements).

### EDSE 4016 Computer Studies Curriculum 3

4 credit points. TBA. **Semester:** 1. **Classes:** 2hrs/wk. **Prerequisite:** Computing Studies Curriculum 1 and 2. **Assessment:** Class presentations, report, examinations, research, program design. The Information Technology Curriculum Framework, National Training Framework, and AQF certification procedures will be critically examined in the context of VET -Information Technology courses in schools. The notion of key competencies and criterion referenced evaluation and assessment will receive detailed attention. Sources of information including professional associations will be delineated and the nature and scope of the ICT industry will also be explored.

The second major focus lies in developing skills in the design of learning environments for the VET classroom. Significant time will be given to developing team or group based approaches to learning, the workplace study, workplace assessor training, writing effective and efficient programs and units of study, and developing valid and reliable assessment tasks based on the assessment guidelines in the National Information Training Package.

### EDSE 4017 Judaic Studies Curriculum 3

4 credit points. Mr Harry Oppermann. **Semester:** 1. **Prerequisite:** EDSE 3027 Judaic Studies Curriculum 2. **Assessment:** 1. Design a unit of work for teaching a topic from the weekly portion of the Bible (Tanach)(equivalent to a 1500 word essay). 2. Construct an integrated test paper covering the syllabus requirements and implementing the principles of different types of assessment (formative and summative, criterion-referenced and norm-referenced) and evaluation tasks for Classical Hebrew -Tanach.

This unit will focus on developing strategies of teaching Classical Hebrew/Bible, the Bible as a religious text, as history and as literature; How to teach Bible to make it relevant to modern day students; addressing the origin of modern views and practices in relation to the Bible; the application of ethics and values deriving from the Bible to solving modern problems through its study. NSW Classical Hebrew and other programs and syllabuses will also be examined or cross-referenced with a view to identifying common issues.

### EDSE 4018 Commerce/Economics Curriculum 3

4 credit points. Mr Mike Horsley, Ms Lian Merritt. **Semester:** 1. **Classes:** Friday 9-11 and 11-1 **Semester:** 1. **Prerequisite:** EDSE 3029 Commerce/Economics Curriculum 2. **Assessment:** Module a. Globalisation Teaching program for Economics and Business Studies (50

Module b. Legal Studies Teaching Folder including (50 %) incorporating: Program, Teaching Resources, Standard Referenced Assessment Item, Constitution Lesson Plan.

This unit Commerce/Economics Curriculum 3 will prepare students to teach Legal Studies, Business Studies and Economics in stage 6. The modules in the unit of study provides opportunities for students to achieve outcomes in understanding the curriculum design of commercial and legal education, designing and delivering a range of teaching strategies, evaluating and developing teaching resources and assessing students achievement of Legal Studies, Economics and Business Studies outcomes.

#### EDSE 4019 Science Curriculum 3 (Core)

4 credit points. Mr Tony Sperring. Semester: 1. Prerequisite: Science Curriculum 2 (Core). Assessment: Assessment will be based on an essay and a seminar 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. The course outline for this unit will be placed on the Internet at [alex.edfac.usyd.edu.au/Methods/Science/doubledegree.htm](http://alex.edfac.usyd.edu.au/Methods/Science/doubledegree.htm)

#### EDSE 4020 Science Curriculum 4 (Sci Hist & Phil)

4 credit points. Mr Tony Sperring. Semester: 1. Prerequisite: Science Curriculum 2 (Core). Assessment: Assessment will be based on an essay and a seminar presentation.

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 from the history, philosophy and sociology of science and their relevance to school science teaching and learning, and science curriculum design and implementation. The course outline for this unit will be placed on the Internet at [alex.edfac.usyd.edu.au/Memods/Science/doubledegree.htm](http://alex.edfac.usyd.edu.au/Memods/Science/doubledegree.htm)

## ■ Secondary: Human Movement and Health Education

#### EDUH1016 Human Bioscience

6 credit points. Dr Sue Franklin. Semester: 2. Classes: 2 lectures, 1 session independent study, 3 prac/week. Assessment: One 2hr exam, assignments, classwork.

The aim of this unit of study is to introduce students to human evolution and genetics, and human structure and function as they apply to future professionals involved in sport, physical education and health education. The unit of study begins with human evolution, human population dynamics and the impact of people on the environment. It includes nutrition, distribution of essential requirements to and from the cells, control of body functions and defence mechanisms. After discussions of reproduction and development it concludes with some controversial aspects of human genetics.

##### Textbooks

Seeley, R., Stephens, T.D. & Tate, P. (1999) *Essentials of Human Anatomy and Physiology*, McGrawHill Book Company, (Australia), Pty Ltd.

Plus - chapters 19,20 and 21 from Benjamin C.L., Garman G.R. and Funston J.H. (1997) *Human Biology*, McGraw-Hill, which will be produced and shrink-wrapped with Seeley, et al.

#### EDUH 1017 Sports Mechanics

6 credit points. Dr. J. O'Byrne. Semester: 1. Classes: 6 hrs/wk. Assumed knowledge: No assumed knowledge of Physics. Corequisite: Recommended concurrent unit of study: MATH 1001 and 1002 or 1901 and 1902. Prohibition: May not be counted with PHYS 1001 or 1002 or 1901. Assessment: Laboratory 20%, Report 10%, Assignments 5%, Practice exam 5%, Final Exam 60%.

This unit of study at Junior level is designed specifically for BEd(Secondary)(Health and Human Movement) students to provide basic knowledge and understanding of concepts in

mechanics in preparation for EDUF 3013 (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. i

##### Textbooks

Ellen Kreighbaum & Kathy Barthels, *Biomechanics: A Qualitative Approach for Studying Human Movement*, 4th Edn, Macmillan, New York 1996

or Griffing, *The Dynamics of Sports* 4th Edn, Dalog Company, Ohio, USA, 1995

#### EDUH 2013 Anatomy and Physiology

4 credit points. Mr Tracy Rockwell. Semester: 1. Prerequisite: EDUF 1011 /12, PHYS 1002 or EDUH 1017, and EDUH 1016 and 12 Junior units from Arts, Science or Economics. Assessment: Assessment will be in the form of midsemester (60%) and final exam (40%).

The unit of study will consist of two major parts of study:

1. Fundamental principles of human anatomy and detailed descriptions of the major bones, nerves and muscles of the body;
2. A concentrated overview of all systems of the body, with the major emphasis given to the skeletal, nervous, muscular, respiratory and circulatory systems.

#### EDUH 2014 Applied Skills in Physical Education 1

2 credit points. Ms Gail Sunderland. Semester: 1. Prerequisite: EDUF 1011/12, PHYS 1002 or EDUH 1017, and EDUH 1016 and 12 Junior units from Arts, Science or Economics. Assessment: Assessment will be in the form of class work and assignments. These units of study will be pass/fail only.

This unit of study will provide studies in aspects of physical education as part of the PDHPE key learning area. Students will be required to gain experience and skill through participation in various major activities selected to illustrate the role of physical activity in daily human life. The unit of study contains 3 sub units:

1. Dance I
2. Introduction to games
3. Touch.

#### EDUH 2015 Teaching PDHPE 1

2 credit points. Ms Meg Pickup. Semester: 1. Prerequisite: EDUF 1011/12, PHYS 1002 or EDUH 1017, and EDUH 1016 and 12 Junior units from Arts, Science or Economics. Assessment: Assessment will be in the form of class work and assignments.

This unit of study is an introduction to fundamental teaching skills and curriculum design in PDHPE, especially in the Primary School. The course will include the use of educational technologies in teaching.

#### EDUH 2023 Motor Learning

2 credit points. Mr Tracy Rockwell. Semester: 2. Prerequisite: EDUF 1011/12, PHYS 1002 or EDUH 1017, and EDUH 1016 and 12 Junior units from Arts, Science or Economics. Assessment: Assessment will be in the form of class work, assignments and one exam.

This unit of study is based on recent research and theory in learning and performance in the psychomotor domain, with particular application to the acquisition of motor skills. A central theme will assess the effect on the individual of internal (learning theories), external (practice conditions and techniques) and individual differences (abilities, skills, capacities).

#### EDUH 2024 Applied Skills in Physical Education 2

2 credit points. Ms Gail Sunderland. Semester: 2. Prerequisite: EDUF 1011/12, PHYS 1002 or EDUH 1017, and EDUH 1016 and 12 Junior units from Arts, Science or Economics. Assessment: Assessment will be in the form of class work and assignments. These units of study will be pass/fail only.

This unit of study will provide studies in aspects of physical education as part of the PDHPE key learning area. Students are required to gain experience and skills through participation in various major activities selected to illustrate the role of physical activity in daily human life. The units of study contain 3 sub units:

1. Gym I
2. Track and Field
3. Softball.

#### EDUH 2025 Health Education Pedagogy 1

2 credit points. Ms Meg Pickup. Semester: 2. Prerequisite: EDUF 1011/12, PHYS 1002 or EDUH 1017, and EDUH 1016 and 12 Junior units from Arts, Science or Economics. Assessment: Assessment will be in the form of a major assignment and minor assignments.



This unit of study will be in the first of four units of study which will examine health issues relevant to today's society. It will provide the content and methodology for Health Education and will cover 2 units of study:

1. Interpersonal skills
2. Safety.

### EDUH 2026 Teaching Practice 1

2 credit points. Ms Gail Sunderland. Semester: 2. Prerequisite: EDUF 1011/12, PHYS 1002 or EDUH 1017, and EDUH 1016 and 12 Junior units from Arts, Science or Economics. Assessment: Assessment will be in the form of a satisfactory teaching report and the completion of an observation book of school procedures and practices. During Semester 2, students apply their studies from Teaching PDHPE I (EDUH 2013) by teaching small groups of primary school children from nearby schools. This micro-teaching experience is built on when students are placed in primary schools for 15 days at the end of Semester 2. Students will teach aspects of PDHPE, initially with small groups, then with whole classes. This in-school experience will provide opportunities for students to observe and participate in whole school and classroom procedures and practices. It is expected that students will assist with any of the various roles of the primary school teacher to which they are assigned.

### EDUH 3013 Biomechanics

4 credit points. TBA. Semester: 1. Prerequisite: EDUF 2013 and EDUH 2023. Assessment: Assessment will be in the form of one 2hr exam and assignments.

This unit of study will cover the relationship of physics principles to human movement. Topics will include: force, levers, gravitational pull, motion analysis and momentum under varied physical conditions.

### EDUH 3014 Assessment and Evaluation in PDHPE

4 credit points. TBA. Semester: 1. Prerequisite: EDUH 2015. Assessment: Assessment will be in the form of mid semester and end of semester exams.

This unit of study will provide skills and knowledge necessary for effective assessment and evaluation in PDHPE and Sport. The measurement of knowledge, attitudes, a range of skills, fitness and other aspects of PDHPE will be examined.

### EDUH 3015 Teaching PDHPE 2

4 credit points. Meg Pickup. Semester: 1. Prerequisite: EDUH 2015. Assessment: Assessment will be in the form of class work and assignments.

This unit examines aspects which influence program development and implementation in the PDHPE key learning area. Such aspects as the learning environment; the nature of the learner; program, unit and lesson planning; student assessment; evaluation; school-community needs; policies of the school and the educational authorities will be covered.

### EDUH 3016 Foundations of Health Education

4 credit points. Ms Jenny O'Dea. Semester: 1. Prerequisite: EDUH 2025. Assessment: Assessment will be in the form of one assignment and one exam.

This unit of study will provide health educators with a sound knowledge and understanding of the history, concepts and theories that underpin the current philosophy and practice of health education. This will assist them to plan and conduct programs that will be effective in enhancing positive health behaviour and preventing or changing those behaviours that compromise health.

### EDUH 3023 Exercise Physiology

4 credit points. TBA. Semester: 2. Prerequisite: EDUH 2013 and EDUH 2023. Assessment: Assessment will be in the form of one 2hr exam, practical work and other assignments.

A lecture/laboratory unit of study will examine the effects that take place in the body when exercise is practised. The central theme is energy production. Related aspects will include cellular physiology, energy production, aerobic and anaerobic metabolism, work capacity, the respiration and circulatory system under exercise; effect of altitude, hypothermia and dehydration, fitness and training schedules for selected groups.

### EDUH 3024 Health Education Pedagogy 2

4 credit points. Ms Jenny O'Dea. Semester: 2. Prerequisite: EDUH 2025. Assessment: Assessment will be in the form of a major assignment and a minor assignment.

This unit of study will be the second of four units of study which will examine health issues relevant to today's society. It will provide the content and methodology for Health Education and cover three units of study:

1. Growth and development
2. Healthy lifestyles
3. Nutrition.

### EDUH 3025 Applied Skills in Physical Education 3

4 credit points. Ms Gail Sunderland. Semester: 2. Prerequisite: EDUH 2014 and EDUH 2024. Assessment: Assessment will be in the form of class work and assignment. These units of study will be pass/fail only. These units of study will be pass/fail only.

This unit of study will provide studies in aspects of physical education as part of the PDHPE key learning area. Students are required to gain experience and skills through participation in selected activity in daily human life. Five sub units will be taken:

1. GymnasticsII
2. Dance II
3. 2 Sports.
4. First Aid Certificate

### EDUH 3026 Teaching Practice 2

4 credit points. Ms Gail Sunderland. Semester: 2. Prerequisite: EDUH 2026 and EDUH 2015 and EDUH 3015. Assessment: Assessment will be in the form of a satisfactory teaching report, and the completion of an observation book of school procedures and practices.

At the end of Semester 1, students are placed in secondary schools for 21 days. You will be assigned to one or more teachers in the key learning area of PDHPE. This in-school experience will build on the skills developed in EDUH 2027 and will provide opportunities for students to observe and participate in whole school and classroom procedures and practices. As well as developing an understanding of high school students and their needs, you will be expected to plan and teach in at least four units of work and assist with any of the various roles of the secondary school PDHPE teacher to which you are assigned.

### EDUH 4013 Adapted PDHPE

4 credit points. Ms Meg Pickup. Semester: 1. Prerequisite: EDUF 3021 or EDUF 3004. Assessment: Assessment will be in the form of classwork, one assignment and one exam.

This unit of study will provide a fundamental background in the knowledge and techniques used in corrective and specially adapted programs. Activity programs for posture correction, developing good body mechanics and for students with particular movement limitations will be discussed. These will be geared to the more probable situations that might be found in school populations.

### EDUH 4014 Sport Psychology

4 credit points. TBA. Semester: 2. Prerequisite: EDUH 2015 and EDUH 2013 and EDUH 2023. Assessment: Assessment will be in the form of one 2hr exam, an assignment and coursework.

This unit of study will provide an overview of several psychological variables that might influence the performance and learning of individuals engaged in physical activity. It will include such topics as intrinsic and extrinsic motivation, level of aspiration, arousal (theories and mechanisms), competition and cooperation, aggression, attributes and self-esteem, personality, social facilitation, achievement and motivation, cohesion-affiliation.

### EDUH 4015 Administration of PDHPE and Sport

4 credit points. Mr Tracy Rockwell. Semester: 1. Prerequisite: EDUH 2015 and EDUH 3015. Assessment: Assessment will be in the form of one 2hr exam, an assignment and coursework.

This unit of study will examine the principles of administration and administrative techniques and procedures appropriate for PDHPE and sport. The unit of study will move from a sound base of administrative theory to precise issues and skills required for school and community based activity programs

### EDUH 4016 Health Education Pedagogy 3

4 credit points. Ms Gail Sunderland. Semester: 1. Prerequisite: EDUH 2025 and EDUH 3024. Assessment: Assessment will be in the form of one assignment and one exam.

This unit of study is the third of four units of study which will examine health issues relevant to today's society. It will provide the content for Health Education and will cover three units of study:

1. Drug education
2. Sexuality education
3. Adolescent health issues.

### EDUH 4017 Planning for Healthy Behaviour 1

4 credit points. Dr Louise Rowling. Semester: 1. Prerequisite: EDUH 3016. Assessment: Assessment will be in the form of assignment, classwork and one exam.

Health behaviour is a complex phenomenon that has multiple determinants. Interventions which seek to change health status must be carefully planned and monitored. Health behaviour needs to be considered within a board framework of social, political and economic factors and approached from an individual and setting perspective. Thus health promotion project design includes educational strategies and other activities designed to facilitate or reinforce healthy behaviour.

#### EDUH 4023 Sports Medicine

4 credit points. TBA. Semester: 1. Prerequisite: EDUH 2013 and EDUH 3023 and EDUH 3013. Assessment: Assessment will be in the form of one assignment, class work, one exam.

This unit of study will be an introduction to the pathology, diagnosis and management of injuries commonly sustained during sporting activities.

#### EDUH 4024 Health Education Pedagogy 4

4 credit points. Ms Gail Sunderland. Semester: 2. Prerequisite: EDUH 2025 and EDUH 3024 and EDUH 4016. Assessment: Assessment will be in the form of a major assignment and one exam.

This unit of study is the fourth of four units of study which will examine health issues relevant to today's society. It will provide the content for Health Education and covers four units of study:

1. Health consumerism
2. Community health
3. Global health
4. School health issues.

#### EDUH 4025 Planning Healthy Behaviour 2

4 credit points. Dr Louise Rowling. Semester: 2. Prerequisite: EDUH 4017 and EDUH 3016. Assessment: Assessment will be in the form assignment, classwork and one exam.

Health behaviour is a complex phenomenon that has multiple determinants. Interventions which seek to change health status must be carefully planned and monitored. Health behaviour needs to be considered within a board framework of social, political and economic factors and approached from an individual and setting perspective. Thus health promotion project design includes educational strategies and other activities designed to facilitate or reinforce healthy behaviour.

#### EDUH 4026 Applied Skills in Physical Education 4

4 credit points. Ms Gail Sunderland. Semester: 2. Prerequisite: EDUH 2014 and EDUH 2024 and EDUH 3025. Assessment: Assessment will be in the form of class work and assignments. These units of study will be pass/fail only.

See Applied Skills in Physical Education 3 (EDUH 3026).

Five sub units will be taken:

1. Gymnastics HI
2. Dance HI
3. 2 Sports
4. Austswim Certificate

#### EDUH 4027 Teaching Practice 3

4 credit points. Ms Gail Sunderland. Semester: 2. Prerequisite: EDUH 3026. Assessment: Assessment will be in the form of a satisfactory teaching report, and the completion of an observation book of school procedures and practices.

At the end of Semester 1, students are placed in secondary schools for 29 days. You will be assigned to one or more teachers in the key learning area of PDHPE. This in-school experience will build on the skills developed in EDUH 3027 and will provide opportunities for students to observe and participate in whole school and classroom procedures and practices. As well as developing an understanding of high school students and their needs, you will be expected to plan and teach at least four units of work and assist with any of the various roles of the secondary school PDHPE teacher to which you are assigned. At the end of this practicum, you will be expected to demonstrate the confidence and skills of a competent beginning PDHPE teacher.

#### EDUH 4028 Practical Studies in Health Education

4 credit points. Dr Louise Rowling. Semester: 1,2. Prerequisite: EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026. Assessment: Assessment will be of fieldwork performance, a written report and a log of work.

The availability of these optional units of study is subject to student demand and teaching staff.

This unit aims to give students experience in the practical issues related to the selection and implementation of appropriate approaches, methods and strategies for health education and health promotion

#### EDUH 4029 Mental Health Promotion

4 credit points. Dr Louise Rowling. Semester: 1. Prerequisite: EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026. Assessment: Seminar paper and individual research report.

This course is designed to examine mental health through the lifespan. Whilst the focus is on mental health and mental health promotion, attitudes to mental illness will be examined. Issues to be covered include examining a variety of psychosocial problems and the implication of these as potential sources of mental health problems in the community; identifying community attitudes to mental illness; examining risk and protective factors for young people's mental health; and assessing ways in which the health educator might help individuals and the community in general to cope.

#### EDUH 4030 Coaching Concepts

4 credit points. Mr Tracy Rockwell. Semester: 1,2. Prerequisite: EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.

The availability of these optional units of study is subject to student demand and teaching staff.

A description of the units offered in a particular year will be available from the Human Movement and Health Education Program Director (Ms Gail Sunderland) at the beginning of each year.

#### EDUH 4031 Applied Sports Psychology

4 credit points. Ms Gail Sunderland. Semester: 1,2. Prerequisite: EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.

The availability of these optional units of study is subject to student demand and teaching staff.

A description of the units offered in a particular year will be available from the Human Movement and Health Education Program Director (Ms Gail Sunderland) at the beginning of each year.

#### EDUH 4032 Empirical Studies in Exercise Physiology

4 credit points. Ms Gail Sunderland. Semester: 1,2. Prerequisite: EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.

The availability of these optional units of study is subject to student demand and teaching staff.

A description of the units offered in a particular year will be available from the Human Movement and Health Education Program Director (Ms Gail Sunderland) at the beginning of each year.

#### EDUH 4033 Kinesiology

4 credit points. Ms Gail Sunderland. Semester: 1,2. Prerequisite: EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.

The availability of these optional units of study is subject to student demand and teaching staff.

A description of the units offered in a particular year will be available from the Human Movement and Health Education Program Director (Ms Gail Sunderland) at the beginning of each year

#### EDUH 4034 Recreation Leadership and Management

4 credit points. Mr Tracy Rockwell. Semester: 1. Prerequisite: EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.

The availability of these optional units of study is subject to student demand and teaching staff.

A description of the units offered in a particular year will be available from the Human Movement and Health Education Program Director (Ms Gail Sunderland) at the beginning of each year.

**EDUH 4035 International Sport**

4 credit points. Ms Gail Sunderland. Semester: 1,2. Prerequisite: EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.

The availability of these optional units of study is subject to student demand and teaching staff.

A description of the units offered in a particular year will be available from the Human Movement and Health Education Program Director (Ms Gail Sunderland) at the beginning of each year.

**EDUH 4036 Cross Cultural Aspects of PE & Sport**

4 credit points. Dr Kitty O'Brien. Semester: 1. Prerequisite: EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.

The availability of these optional units of study is subject to student demand and teaching staff.

A description of the units offered in a particular year will be available from the Human Movement and Health Education Program Director (Ms Gail Sunderland) at the beginning of each year.

**EDUH 4037 Sociology of Sport**

4 credit points. Semester: 1,2. Prerequisite: EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.

**EDUH 4038 Applied Biomechanics**

2 credit points. Ms Gail Sunderland. Semester: 1,2. Prerequisite: EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.

The availability of these optional units of study is subject to student demand and teaching staff.

A description of the units offered in a particular year will be available from the Human Movement and Health Education Program Director (Ms Gail Sunderland) at the beginning of each year.

**EDUH 4039 Applied Sports Medicine**

4 credit points. Ms Gail Sunderland. Semester: 1,2. Prerequisite: EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.

The availability of these optional units of study is subject to student demand and teaching staff.

A description of the units offered in a particular year will be available from the Human Movement and Health Education Program Director (Ms Gail Sunderland) at the beginning of each year.

**EDUH 4040 Issues in Nutrition Education**

4 credit points. Semester: 2. Prerequisite: EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.

**EDUH 4043 Human Movement and Health Ed Ind Study**

4 credit points. Ms Gail Sunderland. Semester: 1,2. Prerequisite: EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.

**EDUH 4044 The Analysis of Skills**

4 credit points. Dr Tony Curtayne. Semester: 1. Prerequisite: EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.

This unit of study will be an extension of the knowledge and understandings gained in biomechanics, and will examine the factors evident in and indicative of skilled performance of motor tasks. Movement analysis will be related to the measurement of efficiency of human movement patterns, and the research tools and designs that are used in this measurement will be examined. The relationship between the analysis of movement and effective

teaching of physical education will be identified. By the end of this unit students will be able to:

Demonstrate the application of movement principles to performance in various physical tasks

Show an understanding of performance enhancement through functional changes in technique

Relate biomechanical principles to effective teaching technique

**EDUH 4045 Human Movement & Health Ed Spec Project**

4 credit points. Ms Gail Sunderland. Semester: 1,2. Prerequisite: EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.

**■ Secondary: Design and Technology****EDDT 2001 Information Processes and Technology 1**

2 credit points. TBA. Semester: 1. Classes: 3hrs/wk. Assessment: Laboratory work, class presentations, research, workshops, examinations.

This unit of study is concerned with the design of systems to meet specified goals. Analysis and investigation from both a theoretical and practical standpoint, of systems development approaches such as Rapid Applications Development and prototyping is a feature of this unit. The place of collaborative and team approaches to systems and software design is emphasised.

**EDDT 2002 Information Processes and Technology 2**

2 credit points. Mr Nigel Goodwin. Semester: 2. Classes: 3hrs/wk. Prerequisite: Information Processes and Technology 1. Assessment: Class presentations, research, workshops, project work, examinations.

This unit of study expands the themes, issues and ideas developed in Information Processes and Technology 1 especially collaborative and team approaches to systems and software development. A practical project incorporating a workplace case study is included to help ground theoretical concepts and to emphasise the place of need to consider social and ethical issues when designing systems.

**EDDT 2003 Food Science 1**

2 credit points. Mr Ian Stevens. Semester: 1. Classes: 3 hours per week. Assessment: Class presentations, seminars, practical reports, examinations.

Food Science 1 is a content based course designed to provide an introduction to basic concepts of Food Science. Technology and Nutrition for students who have no formal science training beyond year 10. It particularly addresses the content needs of students who may become teachers of Food Technology in schools and consequently covers relevant aspects of The Australian Food Industry, Food Chemistry, Food Commodities, Food Microbiology, the Technology of Food Production, Food Marketing, Food Product Development and Nutrition. It has a practical component which relates food preparation to theory.

**Textbooks**

Campbell, Ada M., et al., The Experimental Study of Food. (2nd Ed) Constable, London. (1980)

Charley H., Weaver C, (3rd Ed) Foods: A Scientific Approach Prentice-Hall (1998)

deMan, John M, Principles of Food Chemistry Aspen publishers Maryland US (1999)

English, R., Nutritional Values of Australian Foods: Australian Government Publishing Company (1998)

McGee H. (3rd Ed) On Food and Cooking. Harper Collins (1991)

McWilliams M., (3rd Ed) Foods: Experimental Perspectives Macmillan Publishing Company (1993)

Potter, N Food Science Westport Connecticut. (1978)

Thomson, Rene, et al. Food Technology Longman-Cheshire, Sydney (1994)

Vaclavik, Vickie. A., Essentials of Food Science. Chapman and Hall (1998)

Wahlqvist, Mark. L., (ed) Food and Nutrition: Australasia, Asia and the Pacific Allen and Unwin, Sydney (1997)

**EDDT 2004 Food Science 2**

2 credit points. Mr Ian Stevens. Semester: 2. Classes: 3hrs/wk. Prerequisite: Food Science 1. Assessment: Class presentations, seminars, practical reports, examinations.

Food Science 2 is a content based course, which follows on from Food Science 1A and is designed to provide and extend basic concepts of Food Science, Technology and Nutrition for students who have no formal food science background. It addresses the

content needs of students who may become teachers of Food Technology in schools and consequently covers topics such as the Technology of Food Production, Food Marketing, Food Product Development and Nutrition. It also contains a practical component relating food preparation to theory. Food Science 1A is a prerequisite for Food Science 2

### EDDT2005 Teaching Technology 1A

2 credit points. Mr Nigel Goodwin. Semester: 1. Classes: 2hrs/wk. Assessment: Critical review of literature, reflective essay, class presentations, practical projects.

This course will firstly examine the nature and scope of Technology Education both locally and internationally. This is followed by a survey of extant pedagogical models of technology teaching with a special emphasis on experiential learning, learning by doing and design and problem solving. The role of reflection within authentic learning contexts will receive special emphasis in the context of the Design and Technology syllabus (7-10). Authentic, practical activities will be utilised to contextualise and ground technology education processes.

### EDDT2006 Teaching Technology 1B

2 credit points. Mr Nigel Goodwin. Semester: 2. Prerequisite: Teaching Technology 1A. Assessment: In-school observation report, class presentations, lesson plans.

Students will be introduced to organising, planning and managing teaching experiences including programming of learning experiences, writing units of study and lesson plans for the junior secondary school. Emphasis will be placed on programming and sequencing learning activities so as to encourage deep processing of material by learners within creative learning contexts.

### EDDT2008 School Observation

No credit points. Semester: 2.

## ■ Primary

### EDUP2011 Visual Arts K-6

2 credit points. Ms Robyn Gibson-Quick. Semester: 2. Prerequisite: EDUF1011/12, EDUF1014/5 and 12 junior units of study from Arts, Science or Economics. Assessment: Assessment will be judged on the satisfactory completion of a VAPD and a portfolio.

Visual Arts is an essential component of the K-6 curriculum. This course will aim to engage students in a range of visual arts processes; to introduce them to current syllabus content and appropriate strategies to plan, teach and evaluate visual arts lessons in the K-6 classroom. Students will examine child learning and development in the Visual Arts and will participate in a range of workshops/excursions. Sessions will include elements of theory and practical/studio work.

### EDUP2012 The Beginnings of Literacy

2 credit points. Ms Janet Egan, Dr Robyn Ewing and Ms Anna Dickinson. Semester: 1. Prerequisite: EDUF 1011/12, EDUF 1014/5 and 12 junior units of study from Arts, Science or Economics. Assessment: Assessment will be in the form of one individual assignment and one 2hr examination.

In this unit of study students will investigate the development of language in young children, and will use this perspective to consider the nature of interaction between children and their care-givers and teachers which leads to the development of literacy and oral language competencies. Students will investigate text types for the early years and the grammatical concepts associated with them. There will be a particular focus on reading and field work will be undertaken.

### EDUP 2013 Maths 1: First Three Years of Schooling

2 credit points. Ms Shame Aldridge. Semester: 1. Prerequisite: EDUF 101 -1/12, EDUF 1014/5 and 12 junior-units of study from Arts, Science or Economics. Assessment: Assessment will be in the form of: assessing and analysing a child's level of thinking using the Schedule for Early Number Assessment (SENA) and the Learning Framework in Number (LFIN); designing and implementing four follow-up teaching episodes based on the results of the assessment.

As this is the first unit of study in Mathematics students will be introduced to key issues associated with how children acquire early mathematical concepts, processes and knowledge. Important ideas associated with choosing worthwhile learning experiences linked to the child's world, active involvement both mentally and physically, the role of manipulatives and the use of small group activities to enhance communication and thinking will be addressed throughout the unit. The Learning Framework in Number will be a major focus of content for this unit of study

### EDUP 2014 Intro to Science and Technology K-6

2 credit points. Dr Armstrong Osborne. Semester: 1, Full year (mid start). Prerequisite: EDUF 1011/12, EDUF 1014/5 and 12 junior units of study from Arts, Science or Economics. Assessment: Assessment will be based on two assignments dealing with activity and lesson planning. The focus of this unit of study will be the central role of children in constructing their own understanding of scientific concepts. The planning of science and technology-oriented lessons within the framework of the NSW Science and Technology K-6 syllabus will be considered, with special reference to the content strands on Living Things and Physical Phenomena. 'Hands-on' activities will explore the teaching of a range of scientific and technological topics and skills.

### EDUP 2021 Music Education: Introduction

2 credit points. Staff. Semester: 2. Prerequisite: EDUF 1011/12, EDUF 1014/5 and 12 junior units of study from Arts, Science or Economics. Assessment: Assessment will be in the form of an individual practical test (45%) and an aural and written test (45%). Students will also be expected to participate in practical class activities and to compile a Music resource folder.

The aim of this unit of study is to develop, through practical experiences, personal skills and knowledge in the art of music. The main skills and concepts of music will be presented through activities directly related to the music component of the Creative Arts (K-6) Syllabus of the NSW Department of Education and Training. Students will develop and enhance their abilities in performance, simple composition and in music appreciation as well as acquiring and demonstrating the use of language specific to the discipline of music.

### EDUP 2022 Human Society and its Environment 1

2 credit points. Ms Sandra Newell. Semester: 2, April. Prerequisite: EDUF 1011/12, EDUF 1014/5 and 12 junior units of study from Arts, Science or Economics. Assessment: Assessment will be in two parts; the writing of a unit of study worth 75% and the presentation, worth 25%. Human Society and Its Environment K-6 is a key learning area which provided learning experiences designed to enable primary students to operate effectively in society and also to contribute to the quality of their society and environment.

#### Anticipated outcomes

At the end of this unit of study it is anticipated you will be able to:

Acquire knowledge about the aim, subject matter, values and attitudes, inquiry processes and outcomes which define Human Society and its Environment as a key learning area in primary schools;

Apply your knowledge of the HSIE K-6 Syllabus by planning teaching learning sequences to achieve FUSE outcomes;

Design indicators for the assessment of outcomes

### EDUP 2023 Physical Education: Games

2 credit points. Semester: 2. Prerequisite: EDUF 1011/12, EDUF 1014/5 and 12 junior units of study from Arts, Science or Economics. Assessment: Assessment will be in the form of an assignment based on planning a unit or work in the area of Games.

This unit of study will enable students to teach the fundamental movement skills, games and fitness activities across K-6. The unit of study demonstrates the significance of movement for the development of children's perceptual skills. Students will plan lessons and units of work in this area.

### EDUP 2024 Teaching and Curriculum 1

2 credit points. Dr Robyn Ewing, Dr David Smith. Semester: 1. Prerequisite: EDUF 1011/12, EDUF 1014/5 and 12 junior units of study from Arts, Science or Economics. Assessment: Assessment will be judged on the satisfactory completion of workshop activities, practicum, a school field experience and one Major Assignment 1500w.

This unit of study will involve students in working with children in a range of learning contexts. It has three components:

i) In school experience

Students will be placed on a K-3 class in schools for eight days, one day per week, from the fourth week of semester one. Initial expectations will focus on observation and work with small groups of children. Students will be supported by their cooperating teachers, university-based Teaching and Curriculum seminars and lectures and a liaison visit from a tertiary supervisor.

ii) Teaching and Curriculum lectures and workshops

This component is designed to support the in-school experiences and begin consideration of issues such as lesson planning, managing the learning environment, structuring learning experiences and classroom discourse. Students will attend a compulsory one hour lecture and one hour workshop.

iii) Out-of-school learning contexts

By the end of this unit students will provide evidence of twelve hours observation and voluntary work in an out of school context where children are involved in learning. This will provide opportunities to understand background social and cultural factors which may influence children's learning at school. Possible sites include pre-schools, after-school care centres, museums with educational programs etc. More detail will be provided in the first week of the unit.

#### EDUP 3011 Drama in Primary Education

2 credit points. Robyn Ewing and Jenny Simons. **Semester: 1, April.** **Prerequisite:** EDUP 2012. **Assessment:** Assessment will be in the form of workshop activities planning linked sessions in drama and a drama journal.

This unit of study will be concerned with drama as a creative art in its own right and as a pedagogical strategy for use across all key learning areas. Workshops in reader's theatre, mime, improvisation, storytelling, role play, play building and puppetry will enable students to plan for drama in K-6 classrooms.

#### EDUP 3013 Maths 2: the Theory/Practice Link

2 credit points. Dr Janette Bobis. **Semester: 1.** **Prerequisite:** Maths 1: First three years of Schooling (EDUP 2013). **Assessment:** Assessment will be in the form of (1) Report on the assessment of a Year 3 to 6 child in Mathematics; (2) In pairs or small groups, students will complete a mini-program of work that covers the in-school experience.

This unit of study will build on the work undertaken in Mathematics 1 by extending the range of information to the K-6 classroom. The focus of the unit of study will be on how children's mathematical thinking develops. In order to achieve this, the unit has both a theoretical and a practical component. Initially students will deepen their existing understanding of how children's thinking develops through workshop sessions. These sessions will encourage participation in a broad range of mathematical investigations and involve exploration of teaching/learning strategies.

Students will then have an opportunity to apply this knowledge in a school context. This will involve the design and implementation of a series of lessons for a child over a three to four week period.

#### EDUP 3014 Personal Dev and Health in Schools 1

2 credit points. Ms Jan Milton. **Semester: 1.** **Prerequisite:** EDUP 2023. **Assessment:** Assessment will be the preparation of a unit of work on health education for a nominated class or the completion of a First Aid Certificate.

Students will be introduced to the important role of the school in health promotion. The unit of study will include an examination of the formal curriculum, school policies and practices that relate to health issues, and school-community partnerships in relation to health. Students will be encouraged to look at their own health status.

#### EDUP 3015 Teaching and Curriculum 2

2 credit points. Dr Robyn Ewing and Dr David Smith. **Semester: 1, April.** **Prerequisite:** Teaching and Curriculum 1 (EDUP 2024). **Assessment:** Assessment will be in the form of workshop activities, case study analysis and critical reflection on the practicum experience.

This unit of study will continue to explore various ways in which the concepts of curriculum assessment and evaluation have been defined. It will examine current mandatory curriculum policies and perspectives presently being implemented in NSW Primary classrooms. Themes of programming, management, the teacher's role in the school community will also be addressed. Students will continue to explore the needs of individual children. Critical reflection on their practicum experiences will be an important component of the unit.

#### EDUP 3016 Practicum 3A

6 credit points. Staff. **Semester: 1, April.** **Prerequisite:** Teaching and Curriculum 1 (EDUP 2024). **Assessment:** Assessment will be in the form of satisfactory practice teaching report.

Students will be placed in schools for twelve days practicum experience, over three weeks at the end of semester one. It is expected that each student will take responsibility for the planning and implementation of at least two lessons each day. The students will endeavour to link lessons sequentially and critically reflect on both their own teaching and children's responses. Students will be supported by their cooperating teachers, and liaison visits from tertiary supervisors.

#### EDUP 3021 Indigenous Australian Education

2 credit points. Mrs Michelle Blanchard. **Semester: 2.** **Assessment:** Assessment will be in the form of a case study, group presentation and Cultural Icon evaluation.

The Indigenous Australian Education course will focus on the application of Aboriginal Studies in primary education. The purpose of this unit of study will be to:

- 1 advance skills in the development and implementation of Indigenous perspectives into the school curriculum and classroom practice;
- 2 increase the current levels of knowledge of Indigenous Australian issues;
- 3 learn to critically evaluate resources for inclusion in Aboriginal Studies programs; and
- 4 develop skills that will create an inclusive learning environment in the classroom.

#### EDUP 3023 Maths 3: Investigations with Logo

2 credit points. Ms Shame Aldridge. **Semester: 2.** **Prerequisite:** Mathematics 2: The Theory/Practice Link (EDUP 3013). **Assessment:** Students will plan, implement and evaluate four lessons at a local school. They will also be required to select two learning experiences from their four lessons and to provide a rationale on why they have selected them. The rationale must reflect the students evolving understanding of how children learn and be well supported by reference to the literature. Mathematics 3 will continue the process of building students' understanding of how children's mathematical thinking develops. In this unit of study students will focus on Chance and Data, Measurement and Space. A key focus will be on the selection of worthwhile mathematical experiences.

#### EDUP 3024 Science and Technology in K-6 Classroom

2 credit points. Mr Mike Gunnourie. **Semester: 2, Full year (mid start).** **Prerequisite:** Introduction to Science & Technology K-6 (EDUP 2014). **Assessment:** Assessment will be based on two assignments dealing with activity and unit planning.

This unit of study will build upon the earlier one introducing the teaching of this curriculum area at the K-6 level. It will focus on the integration of science and technology-related learning experiences within the overall K-6 curriculum. The planning of science and technology-oriented units of work within the framework of the NSW Science and Technology K-6 syllabus will be considered, with special reference to the content strands on Earth and Its Surroundings and Built Environments. 'Hands-on' activities will explore the teaching of a range of scientific and technological topics and skills.

#### EDUP 3025 TESOL in Primary Education

2 credit points. Mr Paul Dufficy. **Semester: 2.** **Prerequisite:** EDUP 2012. This unit of study will provide students with a foundation for the successful teaching of English as an additional language in multilingual primary classrooms. There will be an emphasis on oral language development and students will have the opportunity to experience a wide range of teaching and learning strategies. These strategies will be in the context of a variety of KLA's.

#### EDUP 3026 Practicum 3B

6 credit points. Staff. **Semester: 2, Full year (mid start).** **Prerequisite:** Practicum 3A (EDUP 3016). **Assessment:** Assessment will be in the form of satisfactory practice teaching report. Students will be placed in schools for twelve days practicum experience over three weeks at the end of semester two. It is expected that each student will take responsibility for the planning and implementation of at least three lessons each day. Third year students will be expected to plan and present a series of related learning experiences which are appropriate to the children's needs and interests. Students will be required to evaluate both their own teaching and children's responses to the learning experiences presented. Students will be supported by their cooperating teachers, and supervisory visits from tertiary supervisors.

#### EDUP 3031 Maths 3: Space Measurement Chance & Data

2 credit points. Ms Shame Aldridge. **Semester: 2. Classes:** 20 hours: 2 hours per week over 10 weeks. **Prerequisite:** Mathematics 1: The First Three Years of Schooling. **Assessment:** Students will plan, implement and evaluate four lessons at a local school. They will also be required to select two learning experiences from their four lessons and to provide a rationale on why they have selected them. The rationale must reflect the students evolving understanding of how children learn and be well supported by reference to the literature. Mathematics 3 will continue the process of building students' understanding of how children's mathematical thinking develops. In this unit of study students will focus on Chance and Data, Measurement and Space. A key focus will be on the selection of worthwhile mathematical experiences.

**EDUP 3032 Literature & Literacies: The Middle Yrs**

2 credit points. Angela Thomas, Robyn Ewing, Len Unsworth. Semester: 2. Prerequisite: EDUP 2012. Assessment: Assessment: Literary review; presentation and documentation; literature-based unit of work. This unit of study deals with the use of literary texts in the middle and upper primary school (years 4-6). Literary texts include picture books, novels, biographies, plays and poetry as well as other texts of popular culture. These texts may be in the form of books, magazines, film, television and a variety of computer-based formats. The emphasis will be on developing children's critical comprehension and creative composition of a range of literary texts and related genres such as personal responses and reviews. This involves learning how the text structure and verbal grammar, as well as the visual grammar of images and layout, are used to construct different kinds of meanings. Students will engage in wide reading of a variety of literary texts in paper and electronic formats. Students will also undertake close study of the verbal and visual form of selected texts as a basis for designing learning experiences to engage children's enjoyment of literary texts and to develop their critical understanding of how such texts are constructed to provoke pleasurable interpretive responses.

**Textbooks**

Unsworth, L. 2001, Teaching multiliteracies across the curriculum,

Buckingham: Open University Press.

Marsden, J. and Tan, S. (Illustrator) 1998, The Rabbits, Victoria: Lothian Pty Ltd.

Kidd, D. 2000, Two Hands Together, Victoria: Puffin Books.

**EDUP 3033 The Development of Written Language**

2 credit points. Dr Angela Thomas, Ms Janet Egan. Semester: 1. Classes: 20 hours: 2 hours per week over 10 weeks. Prerequisite: EDUP 2012. Assessment: Analysis of children's written texts, Design of a unit of work.

This unit of study examines the pedagogical implications of the nature of writing. This will require both an understanding of children's developmental patterns of writing and an exploration into ways the English language is drawn upon to create different text types or genres. Students will study notions of socio-cultural contexts and their impact on the ways different text types or genres construct meanings; the manner in which texts vary with respect to field, tenor and mode, and the relationship of these three to the three metafunctions in language. This will include an investigation into questions of ideologies in language, especially written texts. Students will be involved in the development of writing programs for children with a particular emphasis on children working at Stage 2 as articulated in the NSW English K-6 syllabus.

**EDUP 4011 Human Society and its Environment 2**

2 credit points. Ms Sandra Newell. Semester: 1, April. Prerequisite: Human Society & its Environment Ed. 1 (EDUP 2022). Assessment: Assessment will be in two parts: Critical reflections of your understanding of tutorials worth 30% and lessons designed to use a resource in the context of a unit or study 70%.

During this second unit of study we will examine how the whole school plan for HSIE, integrated units, whole school events and student participation can be deliberately planned to focus on the achievement of the aim of HSIE K-6. We will also become familiar with the wide range of experiences and resources which are available to enhance the teaching of HSIE K-6.

**Anticipated outcomes**

At the end of this unit of study it is anticipated you will be able to:

Determine the criteria necessary for integrating with integrity HSIE with other key learning areas;

Evaluate whole school plans to check for a balanced coverage of subject matter outcomes;

Be aware of the wide range of resources available in schools and the community;

BE able to design HSIE experiences using worthwhile resources and field trips which focus on the achievement of specific subject matter and outcomes;

Be able to design indicators to assess the achievement of specific outcomes.

**EDUP 4012 Multiliteracies, Metalang & Eng Teach**

2 credit points. Ms Angela Thomas. Semester: 1, Full year (mid start). Prerequisite: Language and Literacy Across the Curriculum (EDUP 3022). Assessment: Assessment will be in the form of tutorial tasks and a major assignment (to be submitted in two stages).

The literacies involved in schooling and social life are complex social practices involving the interpretation, production and use of a range of meaning making systems, including language and image. These are negotiated in a range of formats from

traditional page-based material to screen-based electronic multi-media. To become effective and critical users of these multiliteracies for living and learning, children need to learn how the structures of language and image are deployed to make meanings. They need to develop explicit knowledge of the grammar, cohesive structures and text organisation (or genres) of language and image. This means learning a language to describe the grammatical and structural systems of language (and image) - learning 'metalinguage' - and is a major concern of documents like the New South Wales English K-6 syllabus. It does not simply mean the learning of traditional grammar. What is involved is learning new meaning-based grammatical and structural descriptions of visual and verbal text designed to enhance the effective and critical use of multiliteracies. In this course we will extend our understanding of the grammar of visual and verbal texts and explore the teaching of these metalinguistic descriptions to children in meaningful activities designed to develop their use of multiliteracies for learning in English across Key Learning Areas in the primary school curriculum.

**EDUP 4013 Music Education: Extension**

2 credit points. Staff. Semester: 1. Prerequisite: Music Education: Introduction (EDUP 2021). Assessment: Assessment will be in the form of a planning in pairs (40%) of three short music lessons for grades K-2, 3-4 and 5-6. One of these lessons will be taught to peers (30%) in Weeks 8 or 9 of the unit of study. Students will also complete a concise dictionary of workshop activities (20%) and participate in the practical class activities.

The aim of this unit of study is to facilitate the consolidation and extension of musical skills as they may be applied to classroom teaching. The Creative Arts (K-6) Syllabus of the NSW Department of Education and Training will be reviewed, to enhance and deepen student understanding of the specified musical concepts within this syllabus. Students will demonstrate an understanding of fundamental musical concepts and the activities used to explore them. Students will develop and demonstrate skills in planning integrated music lessons suitable for the primary grades K-6, develop increased knowledge of musical language and will acquire an ability and confidence to sing.

**EDUP 4014 Physical Education: Gym and Dance**

2 credit points. Semester: 1. Prerequisite: Physical education: Games (EDUP 2023). Assessment: Assessment will be in the form of an assignment based on practical class activities and the planning of a unit of work in the area of gymnastic and dance.

This unit of study will be taught in two modules:

**(1) Gymnastics**

This module will further enable the student to teach fundamental movement skills, gymnastics and fitness activities.

**(2) Dance**

This module will provide an introduction to dance in the primary school. Students will learn some of the fundamentals of dance techniques and will be given a comprehensive overview of the creative aspects of dance applicable for the primary school child. Folk dancing and the significance of dance in multicultural education will also be explained.

**EDUP 4015 Visual Arts K-6 2**

2 credit points. Ms Robyn Gibson-Quick. Semester: 1, April. Prerequisite: Visual Arts K-6 1 (EDUP 2011). Assessment: Assessment will be judged on the satisfactory completion of a portfolio, presentation and a Visual Arts resource kit. The latter will be a group assignment.

Visual Arts makes a unique contribution to the development of children. The purpose of this unit of study is to provide students with sufficient understanding of Visual Arts in education so they can competently implement a primary Visual Arts syllabus. It is designed to enable students to develop conceptual and aesthetic awareness and skills in Visual Arts as a medium of knowledge and explore curriculum issues relevant to Visual Arts. They will also participate in a series of workshops which will enable them to develop practical skills in a variety of media. This unit is divided into two interconnected areas of theory and practical/studio work.

**EDUP 4016 Practicum 4A**

6 credit points. Staff. Semester: 1, April. Prerequisite: Practicum 3A (EDUP 3016), and Practicum 3B (EDUP 3026). Assessment: Assessment will be in the form of a satisfactory practice teaching report. Students will be placed in schools for 15 days practicum experience, over three weeks at the end of Semester 1 and will possibly return to the same placement at the end of the year for a



further 13 days practice. Before the practice the students will be undertaking a Beginning to Teach Orientation that will include a one day compulsory Teachers Federation Meeting.

It is expected that students will be confident to plan integrated units across the Key Learning Areas and take responsibility for whole sessions, moving to management of whole days in the final week. Students will be expected to undertake whole class teaching as well as a variety of grouping strategies which are appropriate for the particular group of children they are teaching. Students will evaluate both their own planning and presentation as well as the children's responses to the learning experiences planned. The students will be supported by the cooperating teacher and the tertiary supervisor.

### EDUP 4021 Teaching and Curriculum 3

2 credit points. Dr David Smith and Dr Robyn Ewing. **Semester:** 1,2, April. **Prerequisite:** Teaching and Curriculum 2 (EDUP 3015).

**Assessment:** Assessment will be in the form of a collaborative development of an integrated unit of work across the Key Learning Areas or an essay on the concerns of Beginning Teachers.

*NB: Permission required for enrolment.*

- This unit of study will address theoretical and practical issues concerned with interrelating the broad range of curriculum areas in primary education. This unit also examines issues which concern beginning teachers as they enter the profession.

### EDUP 4022 Maths 4:Teaching an Inquiry-Based Class

2 credit points. Dr Janette Bobis. **Semester:** 2, April. **Prerequisite:** Mathematics 3: Exploring an investigative environment through LOGO. (EDUP 3023). **Assessment:** Assessment will be: (1) In groups, students will present a report of activities undertaken during school sessions; (2) A second assignment will deal with the development of resources and activities for teaching Mathematics in a child centred way. This unit of study will focus on the development of a practical professional rationale for learning in mathematics and how teaching practices and organisation of the classroom affect learning. It is hoped that students will gain experience as autonomous learners and widen their competencies (and choices) as teachers of mathematics. Students will gain experience in the planning, implementation and evaluation of a program of work that is organised in a child-centred manner.

### EDUP 4023 Personal Dev and Health in Schools 2

2 credit points. Ms Jan Milton. **Semester:** 2. **Prerequisite:** Personal Development and Health in Schools 1 (EDUP 3014). **Assessment:** Assessment will be in the form of an assignment based on a content strand selected from the syllabus or the completion of a First Aid Certificate.

The concept of the health promoting school will be developed further in the second year of this unit of study. The role of the school in handling sensitive and controversial health issues will be examined both through the formal curriculum, and through the policies and procedures in place in schools.

### EDUP 4024 Teach Sc &Tech K-6 in Social Context

2 credit points. **Semester:** 2. **Prerequisite:** Science and Technology in the K-6 Curriculum (EDUP 3024). **Assessment:** Assessment will be based on two assignments dealing with resources and activities for teaching cross-curriculum themes in the context of science and technology topics.

This unit of study will focus on ways to encourage children to explore the social, cultural and environmental contexts of science and technology. The implementation of cross-curriculum policies in areas such as environmental and aboriginal education will be considered, with special reference to the NSW Science and Technology K-6 content strands on Information and Communications and Products and Services. 'Hands-on' activities will explore the teaching of a range of scientific and technological topics and skills.

### EDUP 4025 Teaching Children with Special Needs

2 credit points. Ms Shame Aldridge, Janet Egan and Dr Paul Whiting. **Semester:** 2, April. **Prerequisite:** EDUP 3022 and EDUP 3023. **Assessment:** Assessment will be in the form of students' successful meeting of the Children's Centre criteria for assessing, programming and teaching a child with special needs. There will also be a two-hour exam. Students must satisfy requirements in both areas. In this unit of study students will develop a rationale for professional decision-making through the assessment and teaching of children experiencing learning difficulties. Students will work with individual children at the Children's Centre under the supervision of tutors to design, implement and evaluate a program that will meet the literacy or numeracy needs of their assigned child.

### EDUP 4026 Practicum 4B

6 credit points. Staff. **Semester:** 2, Full year (mid start). **Prerequisite:** Practicum 4A (EDUP 4016). **Assessment:** Assessment will be in the form of a satisfactory practice teaching report.

Students will be placed in schools for a 13 days practicum experience, over three weeks at the end of Semester 2.

Most students will teach without the in-class supervision of the Cooperating Teacher for the final ten days of the October practicum and be supported by tertiary supervisors only in a liaison capacity other students will undertake another supervised practicum. The alternative practicum will allow the students to assume the role of a beginning teacher giving them the opportunity to explore a range of different teaching and learning approaches. They will plan and implement integrated units across the Key Learning Areas.

### EDUP 4044 Special unit: Primary Education Drama A

8 credit points. Dr Robyn Ewing and Ms Jennifer Simons. **Semester:** N/A in 2002. **Prerequisite:** EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026. **Assessment:** Assessment will be in the form of documentation related to school experiences, special project around an area of interest (4000w) and critical reflection along with participation in workshop experiences. This unit of study will enable students to build on the core unit undertaken in third year. Students will have an opportunity to:

- 1 develop an understanding of the current issues in drama in education through critical reading and review of major drama theories and educationalists;
- 2 participate in workshop sessions designed to develop their understanding of various drama concepts and forms;
- 3 develop a research proposal based on a current issue in educational drama;
- 4 undertake additional practicum and field experiences to further develop their understandings of the role of the teacher in developing drama experiences for primary aged children.

### EDUP 4045 Special unit: Primary Education Drama B

8 credit points. Dr Robyn Ewing. **Semester:** N/A in 2002. **Prerequisite:** EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026. **Assessment:** Assessment will be in the form of documentation related to school experiences, special project around an area of interest (4000w) and critical reflection along with participation in workshop experiences.

See Special Course (Primary) Educational Drama in the Primary School A (EDUP 4044) for a unit of study description.

### EDUP 4046 Spec unit (Primary) Languages A

8 credit points. Staff. **Semester:** 1, Full year (mid start). **Prerequisite:** EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.

This unit of study will enable students to:

- 1 develop an understanding of LOTE Planning and Policies currently in place in Australia;
- 2 understand the nature and scope of second language learning in education in a K-12 perspective;
- 3 explore theories and practice of second language acquisition in children;
- 3 investigate the various contexts for second language learning and the relevance of language maintenance programs for background speakers;
- 4 explore the notion of the role of bilingual education;
- 4 observe Languages teaching demonstrations in primary classroom contexts;
- 4 devise teaching and learning strategies for implementation in primary classrooms;
- 5 work from their own experience to devise favourable environments and enlightened practices for teaching and learning Languages;
- 6 reflect on practical experiences in the light of current linguistic and education theory.

### EDUP 4047 Spec unit (Primary) Languages B

8 credit points. Staff. **Semester:** 2, Full year (mid start). **Prerequisite:** EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and



EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.

See Special Course (Primary) Languages Other than English (Languages) A (EDUP 4046) as a unit of study description.

#### EDUP 4048 Spec unit (Primary) TESOL A

8 credit points. Mr Paul Dufficy. Semester: 1. Prerequisite: EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.

This unit of study will provide students with the opportunity to deepen their understandings of the issues related to the teaching and learning English as an additional language in the multilingual primary classroom. We will re-visit work done in Year 3 and look more closely at principles which guide our work with bilingual children. The course includes an ESL Practicum. There will be three assessment tasks: an analysis of classroom oral language; unit planning; and an action research project.

#### EDUP 4049 Spec unit (Primary) TESOL B

8 credit points. Mr Paul Dufficy. Semester: 2. Prerequisite: EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.

See Special Course (Primary) Teaching English to Speakers of Other Languages A for unit of study description.

#### EDUP 4052 Spec unit (Primary) Honours A

8 credit points. Ms Helen Watt. Semester: 1. Classes: Contact Faculty Office for details. Prerequisite: See EDUP 4044 and EDUP 3025 and EDUP 3026 and 16 credit points from the following: EDUF 3001, EDUF 3002, EDUF 3003, EDUF 3005, EDUF 3016, EDUF 3111, EDUF 3112, EDUF 3113, EDUF 3114, EDUF 3121, EDUF 3124, EDUF 3131, EDUF 3132, EDUF 3133, EDUF 3141, EDUF 3021. Assessment: Assessment will be in the form of a Thesis. Students will undertake independent study in both the methodology and substantial issues related to their individual project.

For further information see the Honours web site located at:

[www.edfac.usyd.edu.au/courses/undergrad/honours.html](http://www.edfac.usyd.edu.au/courses/undergrad/honours.html)

Practical: Contact Faculty Office for details.

#### EDUP 4053 Spec unit (Primary) Honours B

8 credit points. Ms Helen Watt. Semester: 2. Prerequisite: See EDUP 4044 and EDUP 3205 and EDUP 3206 and 16 credit points from the following: EDUF 3001, EDUF 3002, EDUF 3003, EDUF 3005, EDUF 3016, EDUF3111, EDUF3112, EDUF3113, EDUF3114, EDUF3121, EDUF 3124, EDUF 3131, EDUF 3132, EDUF 3133, EDUF 3141, EDUF 3021. Assessment: Assessment will be in the form of a Thesis. Students will undertake independent study in both the methodology and substantial issues related to their individual project.

For further information see the Honours web site located at:

[www.edfac.usyd.edu.au/courses/undergrad/honours.html](http://www.edfac.usyd.edu.au/courses/undergrad/honours.html)

#### EDUP 4054 Spec unit (Primary) Special Education A

8 credit points. Ms Anne Badenhop. Semester: 1. Prerequisite: EDUP 3011 and EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026. Assessment: Assessment will be in the form of tasks to cover each of the 3 units of study undertaken in this course, including in-class or take home tasks, a presentation and report & an academic essays.

This unit of study will enable students to gain knowledge in teaching and learning in the field of special education and to reflectively and critically evaluate their knowledge, understandings, skills and practices in order to provide for the educational needs of children with disabilities, learning difficulties and behaviour disorders. Students will have an opportunity to:

1. develop an understanding of the current issues in assessment and evaluation in special education as a part of the teaching and learning process, curriculum and instruction for students in special education.;
2. participate in workshop sessions designed to develop skills in the above areas;
3. participate in an additional unit, required for accreditation, that will develop.
  - (i) an understanding of integration and inclusive teaching practices and
  - (ii) the skills of collaborative consultation.
4. undertake their practicum in a special education setting.

EDUP 4055 Spec unit (Primary) Special Education B  
8 credit points. Ms Anne Badenhop. Semester: 2. Prerequisite: EDUP 3011 and EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026. Assessment: Assessment will be in the form of tasks to cover each of the 3 units of study undertaken in the course, ranging from in-class & take home tests, to program development, and a major essays.

This unit of study, which is the second part of a year long course, will enable students to gain knowledge in teaching and learning in the field of special education and to reflectively and critically evaluate their knowledge, understanding, skills and practices in order to provide for the educational needs of children with disabilities, learning difficulties and behaviour disorders. Students will have an opportunity to:

1. Develop an understanding of the current issues and required skills for the management of behaviour and the teaching of students with high support needs;
2. Participate in workshop sessions designed to develop skills in the above areas;
3. Develop an independent research study in an area of particular interest;
4. Undertake their practicum in a special education setting and gain additional practicum experiences through organised visits to settings of particular interest.

#### EDUP 4056 Spec unit (Prim) Koori Kids in School A

8 credit points. Mr Anthony McKnight. Semester: 1. Prerequisite: EDUP 3011 and EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026. Assessment: Assessment will be in the form of development of an Indigenous Studies Resource Kit and a unit of work for a considerable Aboriginal Perspective.

This unit of study will build on the knowledge gained in the Indigenous Australian Education course. The focus of this course will be to develop specialised skills in the development and implementation of Aboriginal Studies resources into the classroom.

The unit of study will be structured so that students participate in an intensive workshop located within an Aboriginal community setting. Students will be guided in the application of more extensive consultative mechanisms with Aboriginal communities, organisations and individuals.

#### EDUP 4057 Spec unit (Prim) Koori Kids in School B

8 credit points. Mr Anthony McKnight. Semester: 2. Prerequisite: EDUP 3011 and EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026. Assessment: Assessment will be in the form of development of an Indigenous Studies Resource Kit and a unit of work for a considerable Aboriginal Perspective.

See Special Course (Primary) Koori Kids in the Classroom A for a unit of study description.

#### EDUP 4058 Spec unit (Primary) Judaic Studies A

8 credit points. Mr Harry Oppermann. Semester: 1. Prerequisite: EDUP 3011 and EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.

Students are encouraged to take both the Jewish Studies and Hebrew streams in this course because of their integrated nature in the K-6 curriculum. Students should complete at least two years in two of the following content areas: Modern Hebrew and/or Biblical Studies and/or Classical Hebrew through the Faculty of Arts.: EITHER A1 HBRW 1301, A2 HBRW 1302, A3 HBRW 2303, A4 HBRW 2304 OR B1 HBRW 1011, B2 HBRW 1102, B3 HBRW 2103, B4 HBRW 2104 AND/OR BBCL 1001, BBCL 1002 BBCL 2003, BBCL 2004 AND/OR A1 HBRW 1311, A2 HBRW 1312, A3 HBRW 2313, A4 HBRW 2314, OR B1 HBRW 1111, B2 HBRW 1112, B3 HBRW 2113, B4 HBRW 2114. In certain cases the subject Jewish Civilisation and Thought may be an alternative to Biblical studies or Classical Hebrew. JCTC 1001, JCTC 1002, JCTC 2003, JCTC 2004. Alternatively students may apply to have their overseas study assessed as demonstrating equivalent knowledge as appropriate. Contact h. [oppermann@edfac.usyd.edu.au](mailto:oppermann@edfac.usyd.edu.au), (02) 9351 6314 for detailed course outlines and details of lectures and lecturers.

The Jewish Studies Stream will develop knowledge, skills and understanding of current teaching methodologies, programming techniques and curriculum planning and development specific to the needs for teaching the diversity of Judaic Studies at a primary level from years K-6; develop the ability to effectively implement curriculum relating to all facets of Judaic Studies within the classroom.

The Modern Hebrew Stream will develop knowledge, skills and understanding of LOTE planning and policies currently in place in Australia, with specific reference to Hebrew; the nature and scope of second/LOTE language learning in education in a K-12 perspective; explore theories and practice of second language acquisition in children within diverse cultural and linguistic background contexts for Hebrew language learning; teaching and learning strategies for Modern Hebrew implementation in primary classrooms;

**EDUP 4059 Spec unit (Primary) Judaic Studies B**  
8 credit points. Mr Harry Oppermann. Semester: 2. Prerequisite: EEDUP 3011 and EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.  
See (EDUP 4058) Special Course (Primary) Judaic Studies A for a unit of study description and contact the Jewish Education

Coordinator: (02) 9351 6314, [h.oppermann@edfac.usyd.edu.au](mailto:h.oppermann@edfac.usyd.edu.au) for course outlines and details of lectures and lecturers.

**EDUP 4060 Spec unit (Primary) Integrated Arts A**  
8 credit points. Dr Robyn Ewing. Semester: 1. Prerequisite: EDUP 2011, EDUP 2012. Assessment: a variety of options will be negotiated with students in the first week of each semester.  
This unit of study will enable students to build on units undertaken in second and third year. Students will have an opportunity to:

1. develop an understanding of the current issues in visual arts, music, drama and dance through critical reading and review of major theories and educationalists;
2. participate in workshop sessions designed to develop their understanding of various concepts and forms appropriate to three creative arts strands;
3. develop a research proposal based on a current issue in the creative arts;
4. undertake additional practicum and field experience to further develop their understandings of the role of the teacher in developing creative arts experiences for primary age children.

**EDUP 4061 Spec unit (Primary) Integrated Arts B**  
8 credit points. Dr Robyn Ewing. Semester: 2. Prerequisite: EDUP 4060 Spec unit (Primary Integrated Arts A).  
Please see entry for Spec unit (Primary) Integrated Arts A.

## Table of Bachelor of Education units of study

Unit of study	CP	A: Assumed knowledge	P: Prerequisite	Q: Qualifying	C: Corequisite	N: Prohibition	Semester
<b>Generalist Education</b>							
<b>Science Foundations</b>							
<b>EDUF 1016</b> Science Foundations 1	6						1.
<b>EDUF 1017</b> Science Foundations 2	6		P EDUF 1016				2.
<b>Education 100</b>							
<b>EDUF 1011</b> Education 101	6						1.
<b>EDUF 1012</b> Education 102	6						2.
<b>Education 200</b>							
<b>EDUF 2002</b> Social Perspectives in Education	8		p EDUF 1011 and EDUF 1012 or 30 junior credit points.				2.
<b>EDUF 2005</b> Psychology of Learning and Child Dev	S		P EDUF 1011 and EDUF 1012 or 30 junior credit points.				1.
<b>Education 300</b>							
<b>EDUF 3001</b> Issues/Research in Learning and Teaching	4		P EDUF 2002 and one of EDUF 2001 & EDUF 2005.				2.
<b>EDUF 3002</b> Adolescence	4		P EDUF 2002 and one of 200 1and 2005; for other students 18 junior credit points.				2.
<b>EDUF 3003</b> Evaluation and Measurement in Education	4		P One of EDUF 2002 & EDUF 2005.				2.
<b>EDUF 3005</b> Research in Troublesome School Behaviour	4		p EDUF 2002 and one of EDUF 2001 & EDUF 2005.				2.
<b>EDUF 3021</b> Special Education: Inclusive Schools	4		p EDUF 2002 and one of EDUF 2001 & EDUF 2005.				1,2.
<b>EDUF 3112</b> Sports, Leisure and Youth Policy	4		P EDUF 2002 and one of EDUF 2001 & EDUF 2005.				1.
<b>EDUF 3113</b> Ethnic Relations and Education	4		p EDUF 2002 and one of EDUF 2001 & EDUF 2005.				2.
<b>EDUF 3114</b> Ed Policy & Programs in Indust Nations	4		P EDUF 2002 and one of EDUF 2001 & EDUF 2005.				2.
<b>EDUF 3115</b> Constructing Self and Knowledge .....	4		P 18 Junior credit points.				1.
<b>EDUF 3121</b> Ethics and Education	4		P EDUF 2002 and one of EDUF 2001 & EDUF 2005.				1.
<b>EDUF 3124</b> International and Development Education	4		P EDUF 2002 and one of EDUF 2001 & EDUF 2005.				1.
<b>EDUF 3132</b> Aust Sec Sch: Origins of Modern Practice	4		P EDUF 2002 and one of EDUF 2001 & EDUF 2005.				2.
<b>EDUF 3134</b> Developing Gendered Identity	4		P EDUF 2002 and one of EDUF 2001 and EDUF 2005.				1.
<b>EDUF 3205</b> Beginning Educational Research	4		P Credit average across EDUF 2002 and EDUF 2005; as well as across some other coherent set of 16 senior sequential credit points from one area of study. <i>NB: Permission required for enrolment.</i>				1.

## Table of Bachelor of Education units of study (continued)

Unit of study	CP	A: Assumed knowledge P: Prerequisite Q: Qualifying C: Corequisite N: Prohibition	Semester
EDUF 3206 Methodologies and Educational Research	4	P Credit average across EDUF 2002 and EDUF 2005 and 16 senior, sequential credit points from one area of study. <i>NB: Permission required for enrolment.</i>	2.
EDUF 3207 Educational Psychology Research Seminar 1	4	P EDUF 2002EDUF 2005. Q Credit average across EDUF 2002 and EDUF 2005 and a credit average across some other coherent set of 16 credit points. C EDUF 3205EDUF 3206. <i>NB: Permission required for enrolment. Only students doing Education Honours from other faculties are eligible to enrol.</i>	1.
EDUF 3208 Educational Psychology Research Seminar 2	4	P EDUF 3207.	2.
EDUF 3209 Social Policy Research Seminar 1	4	P EDUF 2002 EDUF 2005. Q Credit average across EDUF 2002 and EDUF 2005Credit average across some other coherent set of 16 credit points. C EDUF 3205EDUF 3206. <i>NB: Only students doing Education Honours from other faculties are eligible to enrol.</i>	1.
EDUF 3210 Social Policy Research Seminar 2	4	P EDUF 3209.	2.

**Secondary: Single Degree (Humanities and Social Sciences)/Mathematics**

EDUF 4010 T/Learn:Reflect Teach & Curr Planning	4	P EDUF 3009 and EDUF 3012.	1,2.
EDUF 4012 T/Learn:Learners with Special Needs	2	P EDUF 3009 and EDUF 3012.	2.
EDUF 4013 T/Learn:Coaching School Sport	2	p EDUF 3009 and EDUF 3012.	1,2.
EDUF 4014 T7Learn:Prep for Entry Into Profess	2	P EDUF 4010.	1,2.
EDUF 4015 T/Learn:Issues in School Health	2	p EDUF 3009 and EDUF 3012.	1,2.
EDUF 4018 Third Practicum	4	p EDUF 3015.	2.
EDUF 4042 Secondary Special Course Honours A	4	P EDUF 3205 and EDUF 3206 and 16 credit points from the following: EDUF 3001, EDUF 3002, EDUF 3003, EDUF 3005, EDUF 3016, EDUF 3111, EDUF 3112, EDUF 3113, EDUF 3114, EDUF 3121, EDUF 3124, EDUF 3131, EDUF 3132, EDUF 3133, EDUF 3141, EDUF 3021. <i>NB: Permission required for enrolment.</i>	1.
EDUF 4043 Secondary Special Course Honours B	4	P EDUF 3205 and EDUF 3206 and 16 credit points from the following: EDUF 3001, EDUF 3002, EDUF 3003, EDUF 3005, EDUF 3016, EDUF 3111, EDUF 3112, EDUF 3113, EDUF 3114, EDUF 3121, EDUF 3124, EDUF 3131, EDUF 3132, EDUF 3133, EDUF 3141, EDUF 3021. <i>NB: Permission required for enrolment.</i>	1,2.
EDUF 4215 Education Honours 1	24.	P EDUF 3205 and EDUF 3206 and EDUF 3207 and EDUF 3208 and 16 credit points from the following: EDUF 3001, EDUF 3002, EDUF 3005, EDUF 3016, EDUF 3111, EDUF 3112, EDUF 3113, EDUF 3114, EDUF 3121, EDUF 3124, EDUF 3131, EDUF 3132, EDUF 3133, EDUF 3141, EDUF 3021. <i>NB: Permission required for enrolment.</i>	1.
EDUF 4216 Education Honours 2	24	P EDUF 3205 and EDUF 3206 and EDUF 3207 and EDUF 3208 and 16 credit points from the following: EDUF 3001, EDUF 3002, EDUF 3005, EDUF 3016, EDUF 3111, EDUF 3112, EDUF 3113, EDUF 3114, EDUF 3121, EDUF 3124, EDUF 3131, EDUF 3132, EDUF 3133, EDUF 3141, EDUF 3021. <i>NB: Permission required for enrolment.</i>	2.

**Secondary: Single Degree/Curriculum Methods - History**

EDUS 4025 Teaching Asian Studies	2	p EDUS 2015 or EDUS 2017.	2.
EDUS 4026 Australian Studies	2	P EDUS 2017 or EDUS 2015.	1.
EDUS 4041 Teaching Ancient History	2	p EDUS 2015 and EDUS 2016.	1.
EDUS 4042 Teaching Modern History	2	P EDUS 2015 and EDUS 2016.	1.
EDUS 4043 Teaching Archaeology	2	P EDUS 2015 and EDUS 2016.	1,2.
EDUS 4044 Teaching World War 1	2	P EDUS 2015 and EDUS 2016.	1,2.

**Secondary: Single Degree/Curriculum Methods - Social Sciences/Geography**

EDUS 2018 Teaching Commerce	2	P EDUS 2017.	2.
EDUS 2019 Teaching Junior Geography	2	p EDUS 2017.	2.
EDUS 3016 Teaching Senior Geography	2	P EDUS 2017 and EDUS 2019.	1.
EDUS 3017 Teaching Business Studies	2	P EDUS 2017.	1.
EDUS 3018 Teaching Economics	2	P EDUS 2017.	2.
EDUS 4019 Assessment & Evaluation in Social Scs	2	P EDUS 2015 or EDUS 2017.	1,2.

Table of Bachelor of Education units of study (continued)

Unit of study	CP	A: Assumed knowledge	P: Prerequisite	Q: Qualifying	C: Corequisite	N: Prohibition	Semester
<b>EDUS 4021</b> Teach HSIE for Individual Difference	2	P EDUS 2017.					1.
<b>EDUS 4027</b> Using Computers in Social Sciences	2	P EDUS 2015 or EDUS 2017.					1.
<b>EDUS 4028</b> Teaching Legal Studies	2	p EDUS 2015 or EDUS 2017.					2.
<b>EDUS 4030</b> Society and Culture	2	P EDUS 2015 or EDUS 2017.					1.
<b>Secondary: Single Degree/Curriculum Methods - TESOL</b>							
<b>EDUS 2020</b> Introduction to TESOL	4	P 12 Junior credit points from ENGL, LNLS, CHNS, FRNC, GRMN, HBRW, INMS, ITLN, JPNS, KRNS, MGRK, RSSN, SPAN.					1.
<b>EDUS 2021</b> Reading and TESOL	2	P EDUS 2020.					2.
<b>EDUS 4048</b> TESOL Methodology	4	P EDUS 2020 and EDUS 2021.					1.
<b>EDUS 4049</b> Contexts of teaching TESOL	4	P EDUS 2020 and EDUS 2021.					2.
<b>Secondary: Single Degree/Curriculum Methods - Languages</b>							
<b>EDUS 2027</b> Teaching Macro Skills in Languages	2	P EDUS 2026.					2.
<b>EDUS 3019</b> Languages Programming	2	p EDUS 2026 and EDUS 2027.					1.
<b>EDUS 3020</b> Language Testing/Assessment/Evaluation	2	P EDUS 2026 and EDUS 2027.					1,2.
<b>EDUS 3022</b> Approaches to Language Teaching	2	P EDUS 2026 and EDUS 2027.					2.
<b>EDUS 4033</b> Bilingualism and Bilingual Education	2	P EDUS 2026 or EDUS 2027.					2.
<b>EDUS 4034</b> Computer and Technology in Languages	2	P EDUS 2026 or EDUS 2027.					2.
<b>EDUS 4035</b> Teaching Languages in Primary School	2	P EDUS 2026 or EDUS 2027.					1.
<b>EDUS 4036</b> Language Policy and Syllabus Studies	2	P EDUS 2026 or EDUS 2027.					1.
<b>EDUS 4037</b> Research in Language Education	2	P EDUS 2026 and EDUS 2027.					1.
<b>EDUS 4038</b> Materials and Tasks in Language Teaching	2	P EDUS 2026 and EDUS 2027.					1.
<b>EDUS 4039</b> Teaching Language HSC Options	2	P EDUS 2026 and EDUS 2027.					2.
<b>EDUS 4040</b> Teacher Competency in Languages	2	P EDUS 2026 and EDUS 2027.					2.
<b>Secondary: Single Degree/Curriculum Methods - English</b>							
<b>EDUS 2032</b> Teaching Adolescent Literature	2	P EDUS 2028 and EDUS 2036.					2.
<b>EDUS 2033</b> Teaching Debating	2	P EDUS 2028 and EDUS 2036.					2.
<b>EDUS 2034</b> Teaching Drama	2	P EDUS 2028 and EDUS 2036.					2.
<b>EDUS 2035</b> Teaching Poetry	2	P EDUS 2028 and EDUS 2036.					1.
<b>EDUS 2037</b> Teaching Writing	2	P EDUS 2028 and EDUS 2036.					1.
<b>EDUS 2038</b> Using the Media in Teaching English	2	p EDUS 2028 and EDUS 2036.					1,2.
<b>EDUS 2040</b> Shakespeare on Film	2	P EDUS 2028 and EDUS 2036.					1,2.
<b>Secondary: Single Degree/Curriculum Methods - Judaic Studies (Modern Hebrew)</b>							
<b>EDUS 2043</b> Introduction to Judaic Studies	4	P 12 junior credit points HBRW or JCTC.					1.
<b>EDUS 2044</b> School and Community	2	P EDUS 2043.					1,2.
<b>EDUS 4055</b> Approaches to Teaching Judaism	2	P EDUS 2043 and EDUS 2044.					1,2.
<b>EDUS 4056</b> Tools for Teaching Bible	2	P EDUS 2043 and EDUS 2044.					1.
<b>EDUS 4057</b> Tools for Teaching Talmud	2	p EDUS 2043 and EDUS 2044.					1,2.
<b>EDUS 4058</b> Prayer/Other Aspects Religion in Schools	2	p EDUS 2043 and EDUS 2044.					1.

## Table of Bachelor of Education units of study (continued)

Unit of study	CP	A: Assumed knowledge	P: Prerequisite	Q: Qualifying	C: Corequisite	N: Prohibition	Semester
<b>Secondary: Single Degree/Curriculum Methods - Mathematics</b>							
EDUM 4019 Remedial and Enrichment Mathematics	2	p	EDUM 2016 and EDUM 2015.				1.
EDUM 4320 Problem Solving	2	P	EDUM 2015 and EDUM 2016.				2.
EDUM 4021 Resources and Excursions in Maths	2	p	EDUM 2015 and EDUM 2016.				1.
EDUM 4022 Mathematics and Technology I	2	p	EDUM 2015 and EDUM 2016.				1.
EDUM 4023 Teaching Senior Mathematics	2	p	EDUM 2015 and EDUM 2016.				2.
EDUM 4024 Mathematics and Technology II	2	p	EDUM 2015 and EDUM 2016.				2.
EDUM 4025 Teaching Calculus	2	p	EDUM 2015 and EDUM 2016.				2.
EDUM 4026 Research in Mathematics Ed	2	P	EDUM 2015 and EDUM 2016.				1.
<b>Secondary: Double Degrees</b>							
<b>Year 3</b>							
EDSE 3001 Health Issues/Sports Coaching	4	p	48 credit points including 20 credit points of Education.				1.
EDSE 3002 Craft Knowledge and Prof Practices 1	8	p	48 credit points including 20 credit points of Education.				1.
EDSE 3003 Professional Experience 1	4	p	48 credit points including 20 credit points of Education.				1.
EDSE 3004 Visual Arts Curriculum 1	4	p	20 credit points of Education +12 junior credit points of Art History and Theory. C Practical art course taken at the Tin Sheds.				1.
EDSE 3005 Visual Arts Curriculum 2	4	p	Visual Art Curriculum 1 EDSE 3004 Practical art course taken at the Tin Sheds. C Advanced practical art course taken at the Tin Sheds.				2.
EDSE 3006 History Curriculum 1	4	p	48 credit points including 20 credit points of Education.				1.
EDSE 3007 History Curriculum 2	4	p	EDSE 3006 History Curriculum 1.				2.
EDSE 3008 Geography Curriculum 1	4	p	48 credit points including 20 credit points of Education.				1.
EDSE 3009 Geography Curriculum 2	4	p	EDSE 3008 Geography Curriculum 1.				2.
EDSE 3010 Drama Curriculum 1	4	p	20 credit points of Education + 16 credit points of Performance Studies.				1.
EDSE 3011 Drama Curriculum 2	4	p	EDSE 3010 Drama Curriculum 1 + 16 credit points of Performance Studies.				2.
EDSE 3012 TESOL Curriculum 1	4	p	20 credit points of Education + 28 credit points of either English, Linguistics or Languages.				1.
EDSE 3013 TESOL Curriculum 2	4	p	EDSE 3012 TESOL Curriculum 2.				2.
EDSE 3014 English Curriculum 1	4	p	48 credit points including 20 credit points of Education.				1.
EDSE 3015 English Curriculum 2	4	p	EDSE 3014 English Curriculum 1.				2.
EDSE 3016 Mathematics Curriculum 1A	4	p	20 credit points of Education + 20 credit points Mathematics.				1.
EDSE 3017 Mathematics Curriculum 1B	4	p	20 credit points of Education + 20 credit points Mathematics.				1.
EDSE 3018 Mathematics Curriculum 2A	4	p	EDSE 3016 Mathematics Curriculum 1A.				2.
EDSE 3019 Mathematics Curriculum 2B	4	p	EDSE 3017 Mathematics Curriculum 1B.				2.
EDSE 3020 LOTE Curriculum 1A	4	p	20 credit points of Education + 28 credit points of either English, Linguistics or Languages.				1.
EDSE 3021 LOTE Curriculum 1B	4	p	20 credit points of Education + 28 credit points of either English, Linguistics or Languages.				1.
EDSE 3022 LOTE Curriculum 2A	4	p	EDSE 3020 LOTE Curriculum 1A.				2.
EDSE 3023 LOTE Curriculum 2B	4	p	EDSE 3021 LOTE Curriculum 1B.				2.
EDSE 3024 Computer Studies Curriculum 1	4	p	20 credit points of Education + 12 credit points Computer Studies.				1.
EDSE 3025 Computer Studies Curriculum 2	4	p	EDSE 3024 Computer Studies Curriculum 1.				2.
EDSE 3026 Judaic Studies Curriculum 1	4	p	20 credit points of Education + 28 credit points of either English, Linguistics or Languages.				1.
EDSE 3027 Judaic Studies Curriculum 2	4	p	EDSE 3026 Judaic Studies Curriculum 1.				2.
EDSE 3028 Commerce/Economics Curriculum 1	4	P	48 credit points including 20 credit points of Education.				1.

## Table of Bachelor of Education units of study (continued)

Unit of study	CP	A: Assumed knowledge	P: Prerequisite	Q: Qualifying	C: Corequisite	N: Prohibition	Semester
EDSE 3029 Commerce/Economics Curriculum 2	4	p	EDSE 3028 Commerce/Economics Curriculum 1.				2.
EDSE 3030 Science Curriculum 1 (Core)	4	p	12 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. Also 20 credit points of Education.				1.
EDSE 3031 Science Curriculum 2 (Core)	4	P	EDSE 3030 Science Curriculum 1 (Core).				2.
EDSE 3032 Science Curriculum Elective (Chemistry)	4	p	6 credit points of Chemistry and 20 Credit points of Education.				1,2.
EDSE 3033 Science Curriculum Elective (Geology)	4	p	6 credit points of Geology and 20 credit points of Education.				1,2.
EDSE 3034 Science Curriculum Elective (Physics)	4	p	6 credit points of Physics and 20 credit points of Education.				1,2.
EDSE 3035 Science Curriculum Elective (Senior Sci)	4	p	6 credit points in two Science areas either Chemistry, Physics, Biology or Geology and 20 credit points of Education.				1,2.
EDSE 3036 Science Curriculum Elective (Biology)	4	p	6 credit points Biology and 20 credit points of Education.				1,2.
Year 4							
EDSE 4001 Information Technologies for Teachers	4	p	48 credit points including 20 credit points of Education.				1,2.
EDSE 4002 Information Tech Curriculum Project	4	P	48 credit points including 20 credit points of Education.				2.
EDSE 4003 Craft Knowledge and Prof Practices 2	8	p	Craft knowledge and professional practices 1.				2.
EDSE 4004 Professional Experience 2	4	p	Professional Experience 1.				2.
EDSE 4005 Internship	4	p	Professional Experience 2.				2.
EDSE 4006 Visual Arts Curriculum 3	4	p	edse3005 Visual Arts Curriculum 2 Practical art course taken at the Tin Sheds Advanced practical art course taken at the Tin Sheds.				
EDSE 4007 History Curriculum 3	4	p	EDSE 3007 History Curriculum 2.				
EDSE 4008 Geography Curriculum 3	4	p	Geography Curriculum 1 and Geography Curriculum 2.				
EDSE 4009 Drama Curriculum 3	4	p	EDSE 3011 Drama Curriculum 2+12 credit points of Performance Studies.				
EDSE 4010 TESOL Curriculum 3	4	p	EDSE 3013 TESOL Curriculum 2.				
EDSE 4011 English Curriculum 3	4	p	English Curriculum 2.				
EDSE 4012 Mathematics Curriculum 3A	4	p	EDSE 3018 Mathematics Curriculum 2A.				
EDSE 4013 Mathematics Curriculum 3B	4	p	EDSE 3019 Mathematics Curriculum 2B.				
EDSE 4014 LOTE Curriculum 3A	4	p	LOTE Curriculum 2A.				
EDSE 4015 LOTE Curriculum 3B	4	p	TESOL Curriculum 2B.				
EDSE 4016 Computer Studies Curriculum 3	4	p	Computing Studies Curriculum 1 and 2.				
EDSE 4017 Judaic Studies Curriculum 3	4	p	EDSE 3027 Judaic Studies Curriculum 2.				
EDSE 4018 Commerce/Economics Curriculum 3	4	p	EDSE 3029 Commerce/Economics Curriculum 2.				
EDSE 4019 Science Curriculum 3 (Core)	4	p	Science Curriculum 2 (Core).				
EDSE 4020 Science Curriculum 4 (Sci Hist & Phil)	4	p	Science Curriculum 2 (Core).				

**Secondary: Human Movement and Health Education**

Year							
EDUH IQ16 Human Bioscience	6						2.
EDUH 1017 Sports Mechanics	6	A	No assumed knowledge of Physics.				1.
		C	Recommended concurrent unit of study: MATH 1001 and 1002 or 1901 and 1902.				
		N	May not be counted with PHYS 1001 or 1002 or 1901.				
Year 2							
EDUH 2013 Anatomy and Physiology	4	P	EDUF 1011/12, PHYS 1002 or EDUH 1017, and EDUH 1016 and 12 Junior units from Arts, Science or Economics.				1.
EDUH 2014 Applied Skills in Physical Education 1	2	P	EDUF 1011/12, PHYS 1002 or EDUH 1017, and EDUH 1016 and 12 Junior units from Arts, Science or Economics.				1.
EDUH 2015 Teaching PDHPE1	2	P	EDUF 1011/12, PHYS 1002 or EDUH 1017, and EDUH 1016 and 12 Junior units from Arts, Science or Economics.				1.
EDUH 2023 Motor Learning	2	P	EDUF 1011/12, PHYS 1002 or EDUH 1017, and EDUH 1016 and 12 Junior units from Arts, Science or Economics.				2.



## Table of Bachelor of Education units of study (continued)

Unit of study	CP	A: Assumed knowledge	P: Prerequisite	Q: Qualifying	C: Corequisite	N: Prohibition	Semester
EDUH 2024 Applied Skills in Physical Education 2	2	p	EDUF 1011/12, PHYS 1002 or EDUH 1017, and EDUH 1016 and 12 Junior units from Arts, Science or Economics.				2.
EDUH 2025 Health Education Pedagogy 1	2	P	EDUF 1011/12, PHYS 1002 or EDUH 1017, and EDUH 1016 and 12 Junior units from Arts, Science or Economics.				2.
EDUH 2026 Teaching Practice 1	2	p	EDUF 1011/12, PHYS 1002 or EDUH 1017, and EDUH 1016 and 12 Junior units from Arts, Science or Economics.				2.
Year 3							
EDUH 3013 Biomechanics	4	P	EDUF 2013 and EDUH 2023.				1.
EDUH 3014 Assessment and Evaluation in PDHPE	4	p	EDUH 2015.				1.
EDUH 3015 Teaching PDHPE 2	4	p	EDUH 2015.				1.
EDUH 3016 Foundations of Health Education	4	p	EDUH 2025.				1.
EDUH 3023 Exercise Physiology	4	p	EDUH 2013 and EDUH 2023.				2.
EDUH 3024 Health Education Pedagogy 2	4	p	EDUH 2025.				2.
EDUH 3025 Applied Skills in Physical Education 3	4	p	EDUH 2014 and EDUH 2024.				2.
EDUH 3026 Teaching Practice 2	4	P	EDUH 2026 and EDUH 2015 and EDUH 3015.				2.
Year 4							
EDUH 4013 Adapted PDHPE	4	p	EDUF 3021 or EDUF 3004.				1.
EDUH 4014 Sport Psychology	4	p	EDUH 2015 and EDUH 2013 and EDUH 2023.				2.
EDUH 4015 Administration of PDHPE and Sport	4	p	EDUH 2015 and EDUH 3015.				1.
EDUH 4016 Health Education Pedagogy 3	4	p	EDUH 2025 and EDUH 3024.				1.
EDUH 4017 Planning for Healthy Behaviour 1	4	p	EDUH 3016.				1.
EDUH 4023 Sports Medicine	4	p	EDUH 2013 and EDUH 3023 and EDUH 3013.				1.
EDUH 4024 Health Education Pedagogy 4	4	p	EDUH 2025 and EDUH 3024 and EDUH 4016.				2.
EDUH 4025 Planning Healthy Behaviour 2	4	p	EDUH 4017 and EDUH 3016.				2.
EDUH 4026 Applied Skills in Physical Education 4	4	p	EDUH 2014 and EDUH 2024 and EDUH 3025.				2.
EDUH 4027 Teaching Practice 3	4	p	EDUH 3026.				2.
EDUH 4028 Practical Studies in Health Education	4	p	EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.				1,2.
EDUH 4029 Mental Health Promotion	4	p	EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.				1.
EDUH 4030 Coaching Concepts	4	p	EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.				1,2.
EDUH 4031 Applied Sports Psychology	4	P	EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.				1,2.
EDUH 4032 Empirical Studies in Exercise Physiology	4	P	EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.				1,2.
EDUH 4033 Kinesiology	4	P	EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.				1,2.
EDUH 4034 Recreation Leadership and Management	4	p	EDUH-201-3 and EDUH 2014 and EDUH-201-5 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.				1.
EDUH 4035 International Sport	4	p	EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.				1,2.
EDUH 4036 Cross Cultural Aspects of PE & Sport	4	p	EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.				1.
EDUH 4037 Sociology of Sport	4	P	EDUH 2013 and EDUH 2014 and EDUH 2015 and EDUH 2023 and EDUH 2024 and EDUH 2025 and EDUH 2026 and EDUH 3013 and EDUH 3014 and EDUH 3015 and EDUH 3016 and EDUH 3023 and EDUH 3024 and EDUH 3025 and EDUH 3026.				1,2.

Table of Bachelor of Education units of study (continued)

Unit of study	CP	A: Assumed knowledge	P: Prerequisite	Q: Qualifying	C: Corequisite	N: Prohibition	Semester
EDUH 4038 Applied Biomechanics	2	P EDUH 2013 and EDUH 2025 and EDUH 3016 and EDUH 3023	EDUH 2014 and EDUH 2026 and EDUH 3023	EDUH 2015 and EDUH 3013 and EDUH 3024	EDUH 2023 and EDUH 3014 and EDUH 3025	EDUH 2024 and EDUH 3015 and EDUH 3026.	1,2.
EDUH 4039 Applied Sports Medicine	4	P EDUH 2013 and EDUH 2025 and EDUH 3016 and EDUH 3023	EDUH 2014 and EDUH 2026 and EDUH 3023	EDUH 2015 and EDUH 3013 and EDUH 3024	EDUH 2023 and EDUH 3014 and EDUH 3025	EDUH 2024 and EDUH 3015 and EDUH 3026.	1,2.
EDUH 4040 Issues in Nutrition Education	4	p EDUH 2013 and EDUH 2025 and EDUH 3016 and EDUH 3023	EDUH 2014 and EDUH 2026 and EDUH 3023	EDUH 2015 and EDUH 3013 and EDUH 3024	EDUH 2023 and EDUH 3014 and EDUH 3025	EDUH 2024 and EDUH 3015 and EDUH 3026.	2.
EDUH 4043 Human Movement and Health Ed Ind Study	4	P EDUH 2013 and EDUH 2025 and EDUH 3016 and EDUH 3023	EDUH 2014 and EDUH 2026 and EDUH 3023	EDUH 2015 and EDUH 3013 and EDUH 3024	EDUH 2023 and EDUH 3014 and EDUH 3025	EDUH 2024 and EDUH 3015 and EDUH 3026.	1,2.
EDUH 4044 The Analysis of Skills	4	P EDUH 2013 and EDUH 2025 and EDUH 3016 and EDUH 3023	EDUH 2014 and EDUH 2026 and EDUH 3023	EDUH 2015 and EDUH 3013 and EDUH 3024	EDUH 2023 and EDUH 3014 and EDUH 3025	EDUH 2024 and EDUH 3015 and EDUH 3026.	1.
EDUH 4045 Human Movement & Health Ed Spec Project	4	p EDUH 2013 and EDUH 2025 and EDUH 3016 and EDUH 3023	EDUH 2014 and EDUH 2026 and EDUH 3023	EDUH 2015 and EDUH 3013 and EDUH 3024	EDUH 2023 and EDUH 3014 and EDUH 3025	EDUH 2024 and EDUH 3015 and EDUH 3026.	1,2.

## Secondary: Design and Technology (Year 2)

EDDT 2001 Information Processes and Technology 1	2						1.
EDDT 2002 Information Processes and Technology 2	2	P	Information Processes and Technology 1.				2.
EDDT 2003 Food Science 1	2						1.
EDDT 2004 Food Science 2	2	P	Food Science 1.				2.
EDDT 2005 Teaching Technology 1A	2						1.
EDDT 2006 Teaching Technology IB	2	P	Teaching Technology 1A.				2.
EDDT 2008 School Observation	0						2.

## Primary Education

### Year 2

EDUP 2011 Visual Arts K-6 1	2	P	EDUF 1011/12, EDUF 1014/5 and 12 junior units of study from Arts, Science or Economics.				2.
EDUP 2012 The Beginnings of Literacy	2	P	EDUF 1011/12, EDUF 1014/5 and 12 junior units of study from Arts, Science or Economics.				1.
EDUP 2013 Maths 1: First Three Years of Schooling	2	P	EDUF 1011/12, EDUF 1014/5 and 12 junior units of study from Arts, Science or Economics.				1.
EDUP 2014 Intro to Science and Technology K-6	2	P	EDUF 1011/12, EDUF 1014/5 and 12 junior units of study from Arts, Science or Economics.				1, Full year (mid start).
EDUP 2021 Music Education: Introduction	2	P	EDUF 1011/12, EDUF 1014/5 and 12 junior units of study from Arts, Science or Economics.				2.
EDUP 2022 Human Society and its Environment 1	2	P	EDUF 1011/12, EDUF 1014/5 and 12 junior units of study from Arts, Science or Economics.				2, April.
EDUP 2023 Physical Education: Games	2	P	EDUF 1011/12, EDUF 1014/5 and 12 junior units of study from Arts, Science or Economics.				2.
EDUP 2024 Teaching and Curriculum 1	2	P	EDUF 1011/12, EDUF 1014/5 and 12 junior units of study from Arts, Science or Economics.				1.

### Year 3

EDUP 3011 Drama in Primary Education	2	P	EDUP 2012.				1, April.
EDUP 3013 Maths 2: the Theory/Practice Link	2	P	Maths 1: First three years of Schooling (EDUP 2013).				1.
EDUP 3014 Personal Dev and Health in Schools 1 *	2	P	EDUP 2023.				1.
EDUP 3015 Teaching and Curriculum 2	2	p	Teaching and Curriculum 1 (EDUP 2024).				1, April.
EDUP 3016 Practicum 3A	6	P	Teaching and Curriculum 1 (EDUP 2024).				1, April.
EDUP 3021 Indigenous Australian Education	2						2.
EDUP 3023 Maths 3: Investigations with Logo	2	P	Mathematics 2: The Theory/Practice Link (EDUP 3013).				2.
EDUP 3024 Science and Technology in K-6 Classroom	2	P	Introduction to Science & Technology K-6 (EDUP 2014).				2, Full year (mid start).
EDUP 3025 TESOL in Primary Education	2	p	EDUP 2012.				2.
EDUP 3026 Practicum 3B	6	p	Practicum 3A (EDUP 3016).				2, Full year (mid start).

Table of Bachelor of Education units of study (continued)

Unit of study	CP	A: Assumed knowledge	P: Prerequisite	Q: Qualifying	C: Corequisite	N: Prohibition	Semester
EDUP 3031 Maths 3: Space Measurement Chance & Data	2		P Mathematics 1: The First Three Years of Schooling.				2.
EDUP 3032 Literature & Literacies: The Middle Yrs	2		P EDUP 2012.				2.
EDUP 3033 The Development of Written Language	2		P EDUP 2012.				1.
Year 4							
EDUP 4011 Human Society and its Environment 2	2		P Human Society & its Environment Ed. 1 (EDUP 2022).				1, April
EDUP 4012 Multiliteracies, Metalang & Eng Teach	2		P Language and Literacy Across the Curriculum (EDUP 3022).				1, Full year (mid start).
EDUP 4013 Music Education: Extension	2		P Music Education: Introduction (EDUP 2021).				1.
EDUP 4014 Physical Education: Gym and Dance	2		P Physical education: Games (EDUP 2023).				1.
EDUP 4015 Visual Arts K-6 2	2		p Visual Arts K-6 1 (EDUP 2011).				1, April
EDUP 4016 Practicum 4A	6		P Practicum 3A (EDUP 3016), and Practicum 3B (EDUP 3026).				1, April
EDUP 4021 Teaching and Curriculum 3	2		P Teaching and Curriculum 2 (EDUP 3015). <i>NB: Permission required for enrolment.</i>				1,2, April
EDUP 4022 Maths 4: Teaching an Inquiry-Based Class	2		P Mathematics 3: Exploring an investigative environment through LOGO. (EDUP 3023).				2, April
EDUP 4023 Personal Dev and Health in Schools 2	2		P Personal Development and Health in Schools 1 (EDUP 3014).				2.
EDUP 4024 Teach Sc & Tech K-6 in Social Context	2		P Science and Technology in the K-6 Curriculum (EDUP 3024).				2.
EDUP 4025 Teaching Children with Special Needs	2		P EDUP 3022 and EDUP 3023.				2, April
EDUP 4026 Practicum 4B	6		P Practicum 4A (EDUP 4016).				2, Full year (mid start).
EDUP 4044 Special unit: Primary Education Drama A	8		P EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.				N/A in 2002
EDUP 4045 Special unit: Primary Education Drama B	8		P EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.				N/A in 2002
EDUP 4046 Spec unit (Primary) Languages A	8		P EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.				1, Full year (mid start).
EDUP 4047 Spec unit (Primary) Languages B	8		P EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.				2, Full year (mid start).
EDUP 4048 Spec unit (Primary) TESOL A	8		P EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.				1.
EDUP 4049 Spec unit (Primary) TESOL B	8		P EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.				2.
EDUP 4052 Spec unit (Primary) Honours A	8		P See EDUP 4044 and EDUP 3025 and EDUP 3026 and 16 credit points from the following: EDUF 3001, EDUF 3002, EDUF 3003, EDUF 3005, EDUF 3016, EDUF 3111, EDUF 3112, EDUF 3113, EDUF 3114, EDUF 3121, EDUF 3124, EDUF 3131, EDUF 3132, EDUF 3133, EDUF 3141, EDUF 3021.				1.
EDUP 4053 Spec unit (Primary) Honours B	8		P See EDUP 4044 and EDUP 3025 and EDUP 3026 and 16 credit points from the following: EDUF 3001, EDUF 3002, EDUF 3003, EDUF 3005, EDUF 3016, EDUF 3111, EDUF 3112, EDUF 3113, EDUF 3114, EDUF 3121, EDUF 3124, EDUF 3131, EDUF 3132, EDUF 3133, EDUF 3141, EDUF 3021.				2.
EDUP 4054 Spec unit (Primary) Special Education A	8		P EDUP 3011 and EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.				1.
EDUP 4055 Spec unit (Primary) Special Education B	8		P EDUP 3011 and EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.				2.
EDUP 4056 Spec unit (Prim) Koori Kids in School A	8		P EDUP 3011 and EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.				1.

Table of Bachelor of Education units of study (continued)

Unit of study	CP	A: Assumed knowledge	P: Prerequisite	Q: Qualifying	C: Corequisite	N: Prohibition	Semester
<b>EDUP</b> 4057 Spec unit (Prim) Koori Kids in SchoolB	8	P	EDUP 3011 and EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.				2.
<b>EDUP</b> 4058 Spec unit (Primary) Judaic Studies A	8	P	EDUP 3011 and EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.				1.
EDUP 4059 Spec unit (Primary) Judaic Studies B	8	P	EEDUP 3011 and EDUP 2012 and EDUP 2013 and EDUP 2014 and EDUP 2021 and EDUP 2022 and EDUP 2023 and EDUP 2024 and EDUP 3011 and EDUP 3012 and EDUP 3013 and EDUP 3014 and EDUP 3015 and EDUP 3016 and EDUP 3022 and EDUP 3023 and EDUP 3024 and EDUP 3025 and EDUP 3026.				2.
<b>EDUP</b> 4060 Spec unit (Primary) Integrated Arts A	8	P	EDUP 2011, EDUP 2012.				1.
<b>EDUP</b> 4061 Spec unit (Primary) Integrated ArtsB	8	P	EDUP 4060 Spec unit (Primary Integrated Arts A.				2.

## 4 Arts units of study

Units of study are listed by unit code. To find a unit of study by name, refer to the index.

### ■ ANHS

**ANHS 1003 Foundations for Ancient History: Greece**  
6 credit points. Dr Welch. **Semester:** 1. **Classes:** (2-3 lec and 1 tut)/wk. **Assessment:** Two tutorial papers: 1 x1000 words 1 x1500 words, 2 hr exam.

This unit of study seeks to reconstruct the social and political history of the men and women of Archaic and Classical Greece through their literature, monuments and traditions. The approach will be thematic rather than chronological, with a concentration on such aspects as religion; social values; developments of law and government; warfare as a social experience and physical reality; competition; the development of natural science, medicine and philosophy and the changing patterns of life in the Greek states and Greece as a whole.

**ANHS 1004 Power and Persuasion: Near East and Rome**

6 credit points. Dr Brennan, Dr Weeks. **Semester:** 2. **Classes:** 3 lec and 1 tut/wk. **Assessment:** 1500w tut paper, 2 hr exam.

*Power and Persuasion in Julio-Claudian Rome*

Rome under the Julio-Claudian emperors saw the development of autocratic and imperial power. Its success lay in the elaboration of a language of power in both literary and visual terms alongside other strategies to persuade different elements of the population to accept the power of the emperor and of the Roman state. We shall examine the success and failure of contemporary mechanisms of persuasion under Augustus, Tiberius and Caligula.

*Power and Persuasion in the Ancient Near East*

Do the images of the rampaging pharaoh in his chariot or the brutal Assyrian conquerors mean that these states had no idea of the subtleties of what today is called propaganda? Even if that were so, what of other societies like Israel and the Hittites? Examples from the Near East of the second millennium BC show the varieties in relating ideas of religion and political order to socio-political life and also the similarity of the problems each faced.

**ANHS 2001 Roman Imperialism: A Special Case?**

8 credit points. Mr Stone. **Semester:** 2. **Classes:** (2 lec & 1 tut)/wk. **Prerequisite:** 12 junior cp of ANHS or HSTY or ECHS or ANHS/CLCV. **Assessment:** 1 1/2 hr exam, 3000w essay, 1000w tut paper.

The empire of Rome made the Mediterranean World one. How did a single city win this controlling position? What were the experiences of Rome's predecessors (Sparta, Athens, Carthage...) and why did a city-state of the same order make the breakthrough which they did not? Material factors (military, demographic and economic) are balanced against imperial concepts (glory, service, faith and majesty) and the question posed: Is this universal empire best seen as an achievement of conquest, an economic imperative or a world-community being formed? How applicable are our findings to other empires at other times or was Rome historically conditioned and unique?

**ANHS 2003 Ancient Greek Democracy**

8 credit points. Dr O'Neil. **Semester:** 1. **Classes:** 2 lectures, 1 tut/wk. **Prerequisite:** 12 junior cp of ANHS or HSTY or ECHS or ANHS/CLCV. **Assessment:** One two hour exam; one 3000w essay; one 1000w tut paper; 60% classwork, 40% exam.

This course studies the rise and working of democracy in ancient Greece, examining Athens from the time of Solon to the fourth century B.C. We shall look at the history of Athens and her relation to other cities, and evaluate the evidence of historians and of inscriptions. Athenian political institutions and social history, including the role of the theatre, looking at both tragedy and comedy, the role of other festivals and the law and the lives of individuals, both the elite and the 'forgotten people' such as women and slaves, will be considered.

**ANHS 2005 Despots, Priests and People**

8 credit points. Dr Weeks. **Semester:** 1. **Classes:** 3 lectures and 1 tut/week. **Prerequisite:** 12 junior cp of ANHS or HSTY or ECHS or ANHS/CLCV. **Assessment:** 3 hr exam, one 2500 wessay, one 1,000w tut paper (50% for classwork, 50% for exam).

The popular image of the Ancient Near East emphasises despots and powerful priests. Was that the reality? Or was there a necessity to accommodate popular feelings and needs? Can the diverse societies be seen in terms of one paradigm? The course explores, thematically and comparatively, the political structures of representative Ancient Near Eastern states. It looks at the distribution of power through society and considers the ideological justifications of political power.

**ANHS 2901 Ancient Historians Rethink History I**

4 credit points. Dr Weeks. **Semester:** 1. **Classes:** (1 lec & 1 tut)/wk. **Prerequisite:** Credit or above result in 12 junior cp of ANHS or HSTY or ECHS or ANHS/CLCV. **Assessment:** 2000w take-home exam, 2000w seminar paper.

The nature, purpose and use of history is constantly being rethought. We begin with the historian buffeted by the winds of modern life, theory and the forces of history. The aim is to familiarise you with major theories and theorists underpinning different approaches to history through the ages down to present times.

**ANHS 2902 Ancient Historians Rethink History II**

4 credit points. Dr O'Neil. **Semester:** 2. **Classes:** (1 lec & 1 tut)/wk. **Prerequisite:** ANHS 2901 or HSTY 2901. **Assessment:** 3000w essay, 2hr formal exam.

Ancient historians wrote within their own contexts. This semester investigates not only the context of major ancient historians (the books of Samuel, Thucydides and Tacitus or Sallust) but also how modern historians, under the influence of theories, theorists and approaches studied in first semester, have seen these ancient historians. A major research essay with a strong historiographical orientation will give practice in writing ancient history in the contemporary world.

**ANHS 3903 Documents and Ancient History (Greek)**

4 credit points. Dr O'Neil. **Semester:** 2. **Classes:** 1 hr/wk. **Prerequisite:** Credit average in 24 senior cp of ANHS or HSTY including ANHS 2901 & 2902 or HSTY 2901 & 2902: HSC Greek or GRKA1001 & 1002 or GRKA 2301 & 2302. **Corequisite:** ANHS 3901 & 3902. **Assessment:** 2 hr formal exam; class participation.

Students will read a selection of short documents in a range of genres and media (eg, coins, inscriptions, prose authors) all connected to similar topics. The major focus will be on the historical significance of the texts and the use made of language, images and even iconography to present a particular point of view.

**ANHS 3904 Documents and Ancient History (Latin)**

4 credit points. Dr Brennan. **Semester:** 1. **Classes:** 1 hr/wk. **Prerequisite:** Credit average in 24 senior cp of ANHS or HSTY including ANHS 2901 & 2902 or HSTY 2901 & 2902: HSC Latin or LATN 1001 & 1002 or LATN 2301 & 2302. **Corequisite:** Two of ANHS 3901, ANHS 3902, ANHS 3906 & ANHS 3907. **Assessment:** 2 hr exam; class participation.

Students will read a selection of short documents in a range of genres and media (eg, coins, inscriptions, prose authors) all connected to similar topics. The major focus will be on the historical significance of the texts and the use made of language, images and even iconography to present a particular point of view.

**ANHS 3905 Research in Ancient History**

4 credit points. Dr Brennan, Mr Stone, Dr Welch, Dr Weeks. **Semester:** 2. **Prerequisite:** Credit average in 24 senior cp of ANHS or HSTY including ANHS 2901 & 2902 or HSTY 2901 & 2902: HSC Greek/Latin or GRKA 1001 & 1002 or LATN 1001 & 1002 or GRKA 2301 & 2302 or LATN 2301 & 2302. **Corequisite:** ANHS 3901 & 3902. **Prohibition:** ANHS 3924. **Assessment:** 8000w research essay.

Students will select a research topic and write an 8000 word research essay under the supervision of a member of the

department of Ancient History or a qualified person approved by the chair of the department.

**ANHS 3906 Aliens Bearing Gifts: Greeks and Others**  
4 credit points. Dr O'Neil. Semester: 2. Classes: one 2hr seminar/week. Prerequisite: Credit result in 24 Senior credit points of Ancient History or History including ANHS 2901 & 2902 or HSTY 2901 & 2902. Assessment: 3000w essay, 1 1/2 hr formal exam, and participation: 60% classwork, 40% exam.

We will examine the interplay of cultures in contact, specifically between Greek and Near Eastern cultures and peoples, and concentrating on Archaic Greece and the period after Alexander. We will look at oriental influence on Greek civilisation and Greek influence on oriental; continuity of Greek traditions; the role of the oriental as 'the other'.

**ANHS 3907 Aliens Bearing Gifts: Romans and Others**  
4 credit points. Dr Brennan. Semester: 1. Classes: one 2hr seminar/week. Prerequisite: Credit result in 24 Senior credit points of Ancient History or History including ANHS 2901 & 2902 or HSTY 2901 & 2902. Assessment: Coursework and exam, type and weighting to be determined; participation in seminars.

We will examine the interplay of cultures in contact, specifically between imperial Rome and various cultures and peoples in her empire, especially Greeks, Semites, Celts and Germans. We will look at the exercise and discourse of power; the construction of identity; assimilation and resistance; romanisation.

**ANHS 3921 Assyrian Imperialism**

4 credit points. Dr Weeks. Semester: 1. Classes: 2hr seminar/wk. Prerequisite: Credit results in 24 Senior credit points of Ancient History or History including ANHS 2901 & 2902 or HSTY 2901 & 2902. Assessment: One 3000w seminar paper.

The image conveyed by the Assyrians themselves was one of brutality combined with great energy and efficiency. To understand the impact of their march to empire one must understand how they themselves portrayed it. This unit of study is designed to lead students to an understanding of a significant imperialism through reading Assyrian texts. It will concentrate upon laying the background both in terms of the general history of the region and theories of imperialism.

**ANHS 3922 Akkadian Language II**

4 credit points. Dr Weeks. Semester: 2. Classes: 2hr seminar/wk. Prerequisite: ANHS 3923. Assessment: one 3hr exam, one 3000w seminar paper.

A focus on the reading and discussion of representative Assyrian texts.

**ANHS 3922 Akkadian Language II**

4 credit points. Dr Weeks. Semester: 2. Classes: 2hr seminar/wk. Prerequisite: ANHS 3923. Assessment: one 3hr exam, one 3000w seminar paper.

A focus on the reading and discussion of representative Assyrian texts.

**ANHS 3923 Akkadian Language I**

4 credit points. Dr Weeks. Semester: 1. Classes: 1 hr/wk. Prerequisite: Credit average in 24 senior cp of ANHS or HSTY including ANHS 2901 & 2902 or HSTY 2901 & 290; HSC Hebrew, HBRW1111, Arabic 1, or equivalent in these or another Semitic language. Corequisite: ANHS 3921 and ANHS 3922; or equivalent HBRW unit. Assessment: 2 hr formal exam.

This unit of study will introduce students to the Akkadian language and the reading of cuneiform documents.

**ANHS 3923 Akkadian Language I**

4 credit points. Dr Weeks. Semester: 1. Classes: 1 hr/wk. Prerequisite: Credit average in 24 senior cp of ANHS or HSTY including ANHS 2901 & 2902 or HSTY 2901 & 290; HSC Hebrew, HBRW 1111, Arabic 1, or equivalent in these or another Semitic language. Corequisite: ANHS 3921 and ANHS 3922; or equivalent HBRW unit. Assessment: 2 hr formal exam.

This unit of study will introduce students to the Akkadian language and the reading of cuneiform documents.

**ANHS 3925 Amarna Age I**

4 credit points. Dr Weeks. Semester: 1. Classes: 2hr seminar/wk. Prerequisite: ANHS 3922 or equivalent. Assessment: 3hr exam; 3000w seminar paper.

A study of the Amarna period, focusing on Syria-Palestine and making primary use of the Amarna Letters. Examples of topics which come within the scope of the course are: Egyptian imperialism, great power dynamics and the Hapiru/Hebrew question. Aims and objectives are to make students aware of the problems of historical reconstructions based largely on

correspondence and to enable them to work with the linguistically complex Amarna Letters.

**ANHS 3926 Amarna Age II**

4 credit points. Dr Weeks. Semester: 2. Classes: 2hr seminar/wk. Prerequisite: ANHS 3925. Assessment: 3hr exam, 3000w seminar paper.

See description for ANHS 3925.

**ANHS 4011 Ancient History Honours A**

12 credit points. Dr Welch. Semester: 1,2. Prerequisite: Credit average in 48 Senior cp in ANHS or HSTY including 16 cp at ANHS 3900 or HSTY 3900 level or equivalent. Assessment: 20000 word thesis; for assessment of other units see descriptions of those units.

*NB: Permission required for enrolment.*

This consists of four components: a thesis written on an approved topic in Ancient History over both semesters and three units of study from the 3000 units. Consult Dr Welch, the coordinator of Ancient History Honours, for details of the program and assessment.

**ANHS 4012 Ancient History Honours B**

12 credit points. Semester: 1,2. Prerequisite: Refer to ANHS 4011. Assessment: Refer to ANHS 4011. Refer to ANHS 4011

**ANHS 4013 Ancient History Honours C**

12 credit points. Semester: 1,2. Prerequisite: Refer to ANHS 4011. Assessment: Refer to ANHS 4011. Refer to ANHS 4011

**ANHS 4014 Ancient History Honours D**

12 credit points. Semester: 1,2. Prerequisite: Refer to ANHS 4011. Assessment: Refer to ANHS 4011. Refer to ANHS 4011

## ■ ANTH

**ANTH 1001 Introduction to Anthropology, Part 1A**

6 credit points. Dr Macdonald, Dr Maclean. Semester: 1. Classes: 2 lectures & 1 tutorial per week. Prohibition: ANTH 1003. Assessment: Two 1500 word essays and one 2 hour exam.

*Introduction to Anthropology*

Anthropology is about social and cultural difference. These introductory lectures illustrate some of the main approaches and themes in the discipline, with an historical overview to show why and how these have changed in response to social change.

Ethnographic examples are taken from various parts of the world, including Indigenous Australia. This introduction is followed by ethnographic studies in Part 2, and in second semester.

*Exchange and Social Difference in Melanesia*

In his classic essay, *The Gift*, Marcel Mauss presented a radical argument for the primacy of exchange as the foundation of social life. The first section of this unit aims to explore the Maussian tradition of the analysis of exchange in a Melanesian context. It will be organised around three central themes: exchange as the constitution of sociality; the moral basis of exchange; the politics at the heart of exchange.

The unit will explore these issues through the examination of one system of ceremonial exchange in the central highlands of Papua New Guinea.

The second part of the unit will then focus on an undeveloped aspect of the Maussian position - exchange not only creates relationships but is founded on, and creates, differences. In the study of Melanesia, which is characterised by extreme cultural and linguistic diversity, this is a primary concern. The second section of the unit will explore the relationship between the value of exchange and kin, cultural, linguistic and gender forms of difference.

These issues will be explored through the study of one of the more extensive systems of trade/ceremonial exchange in coastal or island Melanesia.

*Textbooks*

Readings available from the University Copy Centre.

**ANTH 1002 Introduction to Anthropology, Part IIA**

6 credit points. Dr Yao, Dr Basham. Semester: 2, Summer. Classes: 2 lectures and 1 tutorial per week. Prerequisite: ANTH 1001 or ANTH 1003. Prohibition: ANTH 1004. Assessment: Two 1500 word essays and one 2 hour exam.

*Anthropology of Food and Taste*

Food, Self and Society: Food is not merely what we eat, but also something we use to think about ourselves: who we are and our relationship with others. If we are indeed what we eat, then it is



not surprising that people have strong attachments to their cuisine and conversely, an aversion to the foodways of others, including their table manners. This simple discrimination of self through food is, however, becoming increasingly more complex these days. In any city, food has become internationalised. Fast food like McDonalds now competes with ethnic foods brought by diaspora communities from all over the world. With this rich offering, how do people use food as a principal metaphor to think about themselves? This is one theme which will occupy us in the lectures and tutorials. A second theme builds on this beginning to investigate how food is used through its exchange to create society. Throughout the world much of what we classify as food, is not eaten but exchanged for political purposes, to create social bonds of all sorts, and for a myriad of symbolic purposes. Sociality created through the exchange of food may override other social structures. Thus, food is a way to explore self and society.

#### *Religion and Politics in Thailand*

This unit will focus on Buddhism and politics in Thailand and their interconnections.

#### *Textbooks*

Readings available from the University Copy Centre.

### **ANTH 2001 Ethnography of Mainland Southeast Asia**

8 credit points. Dr Basham. Semester: 2. Classes: 2 lectures and 1 tutorial per week. Prerequisite: ANTH 1001 or ANTH 1003 and ANTH 1002 or ANTH 1004. Assessment: Two 2500 word essays and one 2 hour exam.

The unit will focus on the lowland populations of Burma, Thailand, Vietnam and Malaysia with the view of developing understanding of their cultures and societies.

#### *Textbooks*

Readings available from the University Copy Centre.

### **ANTH 2006 Chinese Modernity: the Unfinished Project**

8 credit points. Dr Yao. Semester: 1. Classes: 2 lectures and 1 tutorial per week. Prerequisite: ANTH 1001 or ANTH 1003 and ANTH 1002 or ANTH 1004. Assessment: Two 2500 word essays and one 2 hour exam. China, with more than a billion people within its borders, is going through far reaching changes. These changes are at once social, cultural, political and economic. Difficult as it may be, understanding what is now taking place in post-Mao China can be richly rewarding because it opens up a fascinating vista of Western imperial ambitions, shifting cultural responses, national aspirations and economic transformation.

What makes possible a 'precursory reading' of these events is their recognisable thematic coherence: the project of Chinese modernity which preoccupied China from late Qing Dynasty (1644-1911), the May Fourth Movement, to the Tiananmen Massacre of June 1989. China's search for modernity was/is moved by need for 'strengthening self' (zhiqiang) by taking on foreign technologies and ideas while preserving China's cultural and spiritual integrity. Both the 'West' and Chinese tradition have to be transformed and politicised for China's need. The historical origin, articulations and contradictions of this project will be the focus of the course.

The lecture will aim at achieving the following:

- 1) To introduce students to the brief social, cultural and political history of modern China;
- 2) To examine the notion of Chinese modernity as articulated in events like the Tiananmen demonstration of 1989;
- 3) To familiarise students with the literature on social change in post-Mao China

#### *Textbooks*

Readings available from the University Copy Centre.

### **ANTH 2009 Fundamental Problems of Social Theory**

8 credit points. Dr Mimica. Semester: 2. Classes: 2 lectures and 1 tutorial per week. Prerequisite: ANTH 1001 and ANTH 1002 or ANTH 1003 and ANTH 1004. Assessment: One 5000 word essay and one 2 hour exam.

This course examines epistemological and ontological problems of contemporary social theory from the position of existential phenomenology. Three topics are dealt with: (1) the constitution and nature of inter-subjectivity as the grounds of human sociality, (2) Hegel's dialectics of intersubjectivity, and (3) Jean-Paul Sartre's interpretation of human social relationships.

#### *Textbooks*

Readings available in the departmental file.

### **ANTH 2015 Culture and Politics in SE Australia**

8 credit points. Dr Macdonald. Semester: 1. Classes: 2 lectures and 1 tutorial per week. Prerequisite: ANTH 1001 or ANTH 1003 and ANTH 1002 or ANTH 1004. Assessment: Two 2500 word essays and one 2 hour exam.

19th century theories and politics underlay colonial and anthropological perceptions of indigenous people in south-east Australia. The legacy of these ideas has encouraged an image of 'cultural loss' and has overlooked transformation and adjustments to imposed changes. After examining how an historicised anthropology can contribute to a critique of notions of humanity, culture, tradition and change, the course will examine the ways in which Aboriginal people in south east Australia today understand their history and cultural practices, and negotiate their contemporary identities.

#### *Textbooks*

Readings available from the University Copy Centre.

### **ANTH 2016 Indonesian Cultures: Bali to Borneo**

8 credit points. Semester: 2. Classes: 2 lectures & 1 tutorial per week. Prerequisite: ANTH 1001 or ANTH 1003 and ANTH 1002 or ANTH 1004. Assessment: Two essays and exam.

An introduction to the societies and cultures of Indonesia and an analysis of anthropologists' representations of these cultures. Part One, which focuses on Bali, uses indigenous accounts of complex rituals \*, ranging from State-sponsored cremations to village trance seances\*, to investigate anthropological conceptions of symbols and identity. The second part compares the large, densely settled and hierarchical, societies of Java with the egalitarian long-houses of Central Borneo, and poses questions about gender and fertility, rank and sociability.

#### *Textbooks*

Readings available from the University Copy Centre.

### **ANTH 2106 Ethnographic Film**

4 credit points. Dr Maclean. Semester: 1, Summer. Classes: 2 lectures & 1 tutorial per week. Prerequisite: ANTH 1001 or ANTH 1003 and ANTH 1002 or ANTH 1004. Assessment: One 2500 word essay and one exam.

The unit will consist of a review of the different forms of ethnographic film in terms of the following themes:

- (a) The tension between the narrative and the visual in film, including the difference between the visual and the textual as modes of representation.
- (b) The relationship between subject of film, film maker and audience.
- (c) What is an ethnographic film? Should ethnographic film be considered in terms of the more general debate about documentary film.

#### *Textbooks*

Readings available from the University Copy Centre.

### **ANTH 2120 Migration and Migrant Cultures**

4 credit points. Dr Hage. Semester: 1. Classes: 2 lectures and 1 tutorial per week. Prerequisite: ANTH 1001 OR ANTH 1003 AND ANTH 1002 OR ANTH 1004. Assessment: One 2500 word essay and one exam.

This unit aims to introduce students to the study of migration to Australia. The focus will be on an understanding of the migrant experience and the economic, social and cultural forces that constitute it, both those in the country of origin which lead to the decision to leave and those in the host country which influence migrant settlement.

#### *Textbooks*

Readings available from the University Copy Centre.

### **ANTH 2501 Histories of Anthropological Theory**

8 credit points. Professor Austin-Broos. Semester: 2. Classes: 2 lectures and 1 tutorial per week. Prerequisite: ANTH 1001 or ANTH 1003 and ANTH 1002 or ANTH 1004. Assessment: Two 2500 word essays and one 2 hour exam.

Lectures trace some major developments in British, French and American anthropology in the course of the twentieth century. The three traditions have been concerned respectively with society, consciousness and culture. Now these foci have become intertwined. At the same time, anthropology has taken up a dialogue with history. The course will focus on the various routes to the current lively engagement between ideas. Lectures will include some discussion of the post-colonial critique, inter-subjective understanding, and the issue of difference in a global world.

#### *Textbooks*

Readings available from the University Copy Centre.

**ANTH 2502 Theory and Ethnography**

8 credit points. Dr Nihill. Semester: 1. Classes: 2 lectures & 1 tutorial per week. Prerequisite: ANIH 1001 or ANIH 1003 and ANIH 1002 or ANIH 1004. Assessment: Two essays and exam.

The aim of the course is to examine the relation between theory and ethnography in anthropology. The current focus is on ritual which has long been central to anthropology and how theoretical perspectives inform ethnography and how ethnography may precipitate changes in theory. Part of this focus concerns rituals of affliction which respond to illness and misfortune caused by culturally specific forms of evil such as witchcraft and sorcery. The perspective taken is that, despite their seemingly exotic image, that such forms of evil are part of the everyday lived experienced of people. This also introduces what may be called modes of thought and how lived experienced reinforces commitment to systems of cultural classification. Through major figures in anthropology's history such as Radcliffe-Brown, Gluckman, Victor Turner, Mary Douglas, Levi-Strauss and Evans-Pritchard, a theme running through the entire course is how culture produces and manages ambiguity, conflict and contradiction, and nowhere is this more apparent than in ritual performance and cultural classification. The last section of the course includes the additional problem of how history and cultural transformation take place. The themes of ritual and manifestations of evil continue through examining the works of important contemporary writers such as Jean and John Comaroff and Michael Taussig.

*Textbooks*

Readings available from the University Copy Centre.

**ANTH 3001 Diaspora, Philosophy and Psychoanalysis**

8 credit points. Dr Hage. Semester: 2. Classes: 2 lectures and 1 tutorial per week. Prerequisite: ANIH 1001 or ANIH 1003 and ANIH 1002 or ANIH 1004. Assessment: Two 2500 word essays and one 2 hour exam.

The best social research, argues Pierre Bourdieu, involves 'fieldwork in philosophy'. What he means is that the collection and interpretation of research material in sociology and anthropology is at its best when it helps answer issues raised by philosophy, for it is philosophy that asks the most basic and, as such, the most difficult, questions concerning our lives as human beings. A similar case for a 'fieldwork in psychoanalytic theory' can be made. The ethnographic material concerned with the migration process and with diasporic cultures is a fertile ground for such 'fieldwork'. Issues such as nostalgia and the search for homeliness, migration, loss and guilt, the transformations of kinship relations in the process of settlement and adaptation, the complex processes of diasporic identification, and many others, all raise important philosophical and psychoanalytic questions. In turn, an examination of philosophical and psychoanalytic material can deepen considerably our understanding of the ethnographic material available to us on these issues. This course will take a limited number of philosophical and psychoanalytic texts each year and will examine the relevance of the issues they raise when considered in conjunction with specific ethnographic data on migration. It is likely that for the years 2002-2003 the course will concentrate on works by Spinoza, Nietzsche, Freud and Melanie Klein.

*Textbooks*

Reading lists will be available at the beginning of lectures.

**ANTH 3901 Social Anthropology of Pierre Bourdieu 3**

4 credit points. Dr Hage. Semester: 1. Classes: One 2 hour seminar per week. Prerequisite: Credit in ANTH 2501 or ANTH 2502. Assessment: One 4000 word essay.

The unit will introduce students to the analytical apparatus of Pierre Bourdieu. Some central writings of Bourdieu will be closely read and his key concepts of field, cultural capital, class, habitus, strategy and symbolic violence, will be explained in the context of the specific social processes they aim to elucidate.

Through the readings we shall evaluate Bourdieu's reflexivity, his critical approach to the production of social scientific knowledge. We will also examine his attempt at a practical (that is, in the process of research practice) transcendence of some classical oppositions in the social science between structure and agency, objectivity and subjectivity, the analysis of the culture of the self (Sociology) and the analysis of the culture of the other (Anthropology).

*Textbooks*

Reading lists will be available at the beginning of lectures.

**ANTH 3902 Confucian Capitalism**

4 credit points. Dr Yao. Semester: 2. Classes: One 2 hour seminar per week. Prerequisite: Credit in ANTH 2501 or ANTH 2502. Assessment: One 4000 word essay.

The course is concerned with interrogating a major discursive event that took place in East Asia since the early 1980s: the construction of 'Chinese/Confucian capitalism'. Two trajectories can be identified with the discourse. First is what may be called the 'instrumentalization of culture': the idea that Confucian-based cultural values in East Asian societies have been responsible in bringing about the dramatic performance of the Tiger Economies and their workers.

The other dominant theme of the discourse is the moralism of the state. It argues that, under the influence of Confucianism, individual and collective actions in East Asian societies take on an ethical import by their consideration of the wider needs and aspirations of the larger social collectivity, be it the family, the community, or the state. For the Singapore state, this moralism emphasises 'good governance' in terms of the 'moral performance' of political leaders and policy delivery. The major question which informs our inquiry will be: What are the impacts on the state - and its policy regime - when it sees itself as positioned in a 'morally significant' relationship with the society it rules? The question brings forth a crucial dialectic. Good governance in delivery of goods and services - as well as not a little aura of 'moral correctness' - become the legitimate basis to demand compliance from the citizens. And it is this 'good governance' which allows the state to exercise repressive regimes in what are normally regarded as those of the 'private sphere': family life, sexuality, marital choice, and personal and interpersonal conduct.

The approach to the course will be both theoretical and substantive. Students will be expected to understand and analyse key ethnographic events that took place in Singapore over the last ten years, including

1. The caning of American teenager Michael Faye.
2. The judicial ruling on Sex Against the Order of Nature.
3. The hanging of the Filipina maid Flor Contemplacion.
4. The sacking of the President Devan Nair over his disorderly conduct.
5. The sanction against Performance Art.

*Textbooks*

Reading lists will be available at the beginning of lectures.

**ANTH 3903 Marxism and Anthropology III**

4 credit points. Dr Maclean. Semester: 2. Classes: One 2 hour seminar per week. Prerequisite: Credit in ANTH 2501 or ANTH 2502. Assessment: One 4000 word essay.

This unit of study identifies two diacritical characteristics of Marxist analysis that have had a critical impact on the dominant anthropological tropes of structure and culture: its dialectical mode of thought, writing and analysis; its materialism which is always an historical materialism. With these characteristics in mind the unit of study will explore the recent history of anthropology's appropriation of Marxism. We will trace the shift from the emphasis on the material and social conditions of production, with its particular concern with problems of power and ecological conditions, in the structural Marxism of the late 1970s and early 1980s through the emphasis on exchange and global systems organised around the core concept of the commodity in the 1980s through to the current emphasis on consumption as the focal point of both a phenomenological and post-structuralist critique of Marxism. The unit of study will explore the proposition that while the distinctive contribution of Marxism is a marriage of materialist and dialectical perspectives, the history of Marxist anthropology reveals that the one is often developed at the expense of the other.

*Textbooks*

Kolakowski, L. 1978 *Main Currents of Marxism, Vol 1: The Founders*, Oxford, New York: Oxford U.P. Ch. 14 'The Motive Forces of the Historical Process' pp335-375  
Marx, K. 1965 *Pre-Capitalist Economic Formations*, New York: International Publishers. pp67-120  
Roseberry, W. 1991 *Anthropologies and Histories: Essays in culture, History, and Political Economy*. New Brunswick and London: Rutgers University Press. Ch. 6 'Anthropology, History and Modes of Production'.

**ANTH 3907 Southeast Asia: Exemplary Studies**

4 credit points. Dr Basham. Semester: 1. Classes: One 2 hour seminar per week. Prerequisite: Credit in ANTH 2501 or ANTH 2502. Assessment: One 4000 word essay.

This course will focus on reading and discussion of classic ethnographies of South-east Asian societies.

*Textbooks*

Reading lists will be available at the beginning of lectures.

**ANTH 3912 Embodiment III**

4 credit points. Dr Mimica. **Semester: 1. Classes:** One 2 hour seminar per week. **Prerequisite:** Credit in ANTH 2501 or ANTH 2502.

**Assessment:** One 4000 word essay.

Recent interest in theories (and practices) which refigure or mediate the mind/body distinction, so long dominant in Western academia, have abounded in many disciplines in the last twenty years. An initial interest in bodies and conceptions of bodies has given way, in many cases, to a focus on the process of human embodiment, seen as an existential or ontological problem. This unit will examine a spectrum of approaches to embodiment (especially European and American phenomenologies, but also poststructuralist and feminist ideas) which have been applied to human interactions and performances in a range of sociocultural settings. A serious engagement with these approaches will lead to a problematics of the theory-practice dichotomy itself, a timely issue in anthropology, performance studies, and many interdisciplinary projects.

*Textbooks*

Readings will be available at the beginning of lectures.

**ANTH 3914 Politics of Moral Order**

4 credit points. Professor Austin-Broos. **Semester: 2. Classes:** One 2 hour seminar per week. **Prerequisite:** Credit in ANTH 2501 OR ANTH 2502. **Assessment:** One 4000 word essay.

Race, gender, religion and class can all be bases of invidious distinction and race in particular involves conflicts which contest the very being of persons. Starting with the ideas of Durkheim and Mauss, but also critically revising them, the course considers the politics involved in conflicts and contests over personhood; the politics that tend to involve different ideas of moral being. This politics occurs in inter-personal relations, and also in nationwide communal relations. Nations are often symbolically imagined in terms of a family, a person, or a body (politic). Frequently they privilege one moral order over others and, as a consequence, one particular image of the person over others. The politics of moral order thereby moves between the domains of individual and nations. The course will focus at the outset on the nature of racism and then consider various nation-wide conflicts involving communal groups and religious movements in various parts of Africa, India, Europe, Indonesia and the Caribbean.

*Textbooks*

Readings will be available at the beginning of lectures.

**ANTH 3951 Reading Melanesian Ethnography**

4 credit points. Dr Mimica. **Semester: 1. Classes:** One 2 hour seminar per week. **Prerequisite:** Credit in ANTH 2501 or ANTH 2502.

**Assessment:** One 4000 word essay.

This course explores the distinctiveness of New Guinea modes of existence through a set of regionally connected ethnographies. Standard anthropological categories of kinship, social organisation, exchange, ritual, etc. are placed in the perspective of New Guinea realities and accounted for in terms of experiences, meanings, and understandings internal of indigenous cultural life-worlds. Critical attention is paid to the anthropological theoretical perspectives which determine ethnographic interpretations. These are subjected to a systematic and constructive critique grounded in existential phenomenology and psychoanalysis. The aim of the course is to provide both a critical understanding of specific New Guinea life-worlds and of the theoretical ideas which have shaped the minds of particular ethnographers.

*Textbooks*

Readings will be available in the departmental files.

**ANTH 3955 New Heavens, New Earth**

4 credit points. Dr Nihill. **Semester: 2. Classes:** One 2 hour seminar per week. **Prerequisite:** Credit in ANTH 2501 or ANTH 2502. **Assessment:** One 4000 word essay.

What have become known as 'cargo cults' dominated the early considerations of cultural change in Melanesia. They remain important areas of debate and research. 'Cargo' refers to the desire of local people to attain new forms of material goods and - given the centrality of wealth for articulating both individual identities and social relations in Melanesia - the means for expressing and experiencing a new form of self and society. Borrowing from a major commentator on this, Kenelm Burridge, this new self and new society may be called the 'new earth'. 'Cargo cults' captured the Western imagination, mostly as fascination but also in a sense of horror on the part of European/Australian colonial and missionary figures. The main reason for

this was the seemingly bizarre and impossible means for obtaining 'cargo' that Melanesians invented. Such creations are a rich mixture of existing cultural forms and orientations blended with a selective appropriation of western cultural and Christian motifs, suggesting the other half of the deployment of Burridge's title, 'new heavens'.

While the concept of 'cargo cult' itself will come under scrutiny, the major aims here are basically two-fold. First is to explore the range of issues highlighted in the literature. These include various political interpretations (new forms of power within local communities, reaction/resistance to colonial domination, race relations and representation of race); political economy (the role of hegemony, the importance of colonial relations of production and capitalist penetration into previously non-capitalist economies (deprivation; disruption to local trade networks, the emergence of new wants); psychological/psychoanalytic; religious (influence of Christianity, the search for redemption, the power of the religious imagination, etc); the significance of age and gender, experiences of time, the body as an existential locus for and of change, and so on. Through a critical appraisal of these it is possible to view the range of interpretations as a focus for how anthropology looks at cultural transformation, the generation, interweaving or meaning and material forces in complex historical context.

*Textbooks*

Readings available from the University Copy Centre.

**ANTH 4011 Social Anthropology Honours A**

12 credit points. Dr Mimica. **Semester: 1,2. Classes:** One 2 hour seminar per week. **Prerequisite:** Students must have a Credit average in Senior level Anthropology units totalling at least 48 credit points. Units must include ANTH 2501, ANTH 2501, AND three of ANTH 3901-3916 and one of ANTH 3951-3957. **Assessment:** One 4000 word essay.

*NB: Permission required for enrolment.*

This seminar will explore current theoretical interests and debates in anthropology.

This must be taken by all fourth year students.

*Textbooks*

Readings will be available at the beginning of lectures.

**ANTH 4012 Social Anthropology Honours B**

12 credit points. **Semester: 1,2.**

Please refer to ANTH 4011

**ANTH 4013 Social Anthropology Honours C**

12 credit points. **Semester: 1,2.**

Please refer to ANTH 4011

**ANTH 4014 Social Anthropology Honours D**

12 credit points. **Semester: 1,2.**

Please refer to ANTH 4011

## ■ ARBC

**ARBC 1101 Introductory Arabic 1 B1**

6 credit points. **Semester: 1. Classes:** 4 hours face to face teaching +1 hour in the language laboratory. **Assessment:** One 3-hour exam and continuous assessment.

This unit of study provides an introduction to Arabic for students with no previous knowledge of the language. It is designed to ensure progress towards communicative competence in all basic language skills: listening and speaking, reading and writing. The dialogues deal with the history and cultural life of one Arab city, Damascus, while the comprehension texts feature a description of various topics of life experiences in other Arab cities.

*Textbooks*

Consult department

**ARBC 1102 Introductory Arabic 2 B2**

6 credit points. **Semester: 2. Classes:** 4 hours face to face teaching +1 hour in the language laboratory. **Prerequisite:** ARBC 1101. **Assessment:** One 3-hour exam and continuous assessment.

This unit of study offers an integrated approach to the learning of language and culture focusing on a selection of texts that cover aspects of Arabic civilisation. Emphasis will be on learning the morphology and syntax of the language through patterns in conversational situations, rather than formal grammar. Communicative language exercises, including role playing, will be supplemented by aural/oral practice in the language laboratory.

*Textbooks*

Consult department

**ARBC1311 Advanced Arabic Language & Literature A1**

6 credit points. Professor Ebied, Associate Professor Shboul. **Semester: 1. Classes:** 4 hrs per week. **Prerequisite:** HSC Arabic Extension or Arabic Continuers or 70% or above in Arabic Beginners subject to placement test. **Prohibition:** ARBC 1101, ARBC 1102. **Assessment:** Class work, assignments, tests, examination.

This unit of study is designed for students who have completed at least 2 unit (continuers) HSC Arabic (or an equivalent recognized qualification). Students with 2 unit General (Beginners) HSC Arabic can only be accepted subject to a proper placement test.

This unit of study consists of two interrelated parts:

1. Practical language: 2 hours per week (Professor Ebied)

This segment seeks to develop practical language skills, strengthening of knowledge and understanding of the grammar and structure of Modern Standard Arabic. One hour per week is devoted to language skills, and one hour will be devoted to developing translation skills (Arabic-English and English-Arabic). Students' participation is an essential aspect of all classes.

2. Readings in Modern Arabic Literature (A/Professor Shboul)

Texts and Society: Identity and Modernity: 2 hours per week.

This segment seeks to develop the student's analytical and critical skills in reading Arabic literature through the close study of a variety of Arabic texts. Students will study works by representative writers from different Arab countries, focusing on the interrelated themes of modernity and identity. One hour per week will be devoted to the study of modern Arabic essays on political, social and cultural issues; and one hour will be devoted to the study of a selection of contemporary Arabic poems with attention to the poet's concerns in society.

Students' participation is an essential aspect of all classes. Assessment for this segment consists of 2 essays of 1500 words each, class presentation and final examination.

On completion of this unit, students will progress to ARBC 1312, in semester 2

*Textbooks*

A dossier of texts will be provided.

**ARBC 1312 Advanced Arabic Language & Literature A2**

6 credit points. Professor Ebied, Associate Professor Shboul. **Semester: 2. Classes:** 4 hrs per week. **Prerequisite:** ARBC 1311. **Prohibition:** ARBC 1101, ARBC 1102. **Assessment:** Class work, assignments, tests, examination.

This unit of study consists of two interrelated parts:

1. Practical language: (Professor Ebied). 2 hours per week

This part of the unit of study focuses on advanced practical language skills, building on the approach followed in semester 1, with emphasis on translation skills (Arabic-English and English-Arabic). Student's participation is an essential aspect of all classes.

2. Readings in Classical & Modern Arabic: (A/Professor Shboul)

Texts and Society: Continuity and Change. 2 hours per week.

This segment continues the approach of developing analytical and critical skills through the close study of selections of both classical and modern Arabic literary texts. One hour per week will be devoted to the study of Arabic travel literature, including selections from Sindbad Voyages, Ibn Battuta and modern Arabic travel writers. One hour per week will be devoted to the study of selections of classical and modern Arabic poetry. Student's participation is essential. Assessment for this segment includes 2 essays of 1500 words each, class presentation and final examination.

On completion of this unit, students will progress to ARBC 2303, then ARBC 2304.

*Textbooks*

A dossier of texts will be provided.

**ARBC 2103 Arabic Language and Literature B3**

8 credit points. Semester: 1. Classes: 4 hours face to face teaching +1 hour in the language laboratory. Prerequisite: ARBC 1103.

Assessment: One 3-hour exam and continuous assessment.

This unit of study aims to extend the students' ability to comprehend, speak, read and write modern standard Arabic and to gain insight into Arab culture and society through the study of historical documents and modern texts.

*Textbooks*

Consult department

**ARBC 2104 Arabic Language and Literature B4**

8 credit points. Semester: 2. Classes: 4 hours face to face teaching +1 hour in the language laboratory. Prerequisite: ARBC 2103.

Assessment: One 3-hour exam and continuous assessment.

This unit of study will focus on strengthening communicative language skills with the aim of enabling students to read, comprehend, write and speak modern standard Arabic and to gain an insight into Arab society and culture.

*Textbooks*

Consult department

**ARBC 2313 Arabic/English Translation**

8 credit points. Professor Ebied. **Semester: 1. Classes:** 3 hours per week. Prerequisite: ARBC 1103 or ARBC 2114. **Assessment:** One 2-hour exam; weekly assignments; continuous assessment.

This unit of study aims to develop written fluency in English and Arabic. Students gain familiarity with translation methodology and skills. The course is designed to further develop students' command of Arabic grammar (morphological and syntactic structures) and vocabulary. Practical tasks will involve translation into and out of English and Arabic of a wide range of texts, including business correspondence and basic technical and literary documents.

*Textbooks*

Basic Text:

Baker, M., In Other Words: a coursebook on translation (London, 1992)

References:

Wehr, H., A Dictionary of Modern Writing Arabic, ed. J. Milton Cowan (Wiesbaden, latest edition)

Elias, E., Elias' Modern Dictionary, English-Arabic (Cairo, latest edition)

Ebied, R.Y., "The Role of Translation: Three Decades of Translation into Arabic" in Revue des Lettres et de Traduction, vol. 2 (1996), pp. 55-70

Nahmad, H.M., From the Arabic Press: A Language Reader in Economic and Social Affairs (London, 1970)

**ARBC 2315 Advanced Arabic/English Translation**

8 credit points. Professor Ebied. Semester: 1. Classes: 2 hrs/wk lectures, 1 hr/wk tutorial. Prerequisite: ARBC 3101. Assessment: One 2 hour examination; weekly assignments; continuous assessment.

This unit of study is intended to develop skills in translation, with a focus on further developing students' command of Arabic grammar and vocabulary. Practical tasks will involve advanced translation into and out of English and Arabic in a wide range of texts and fields, including short stories, literary, economic, legal, medical and scientific items as well as print media items.

*Textbooks*

Wehr, H., A Dictionary of Modern Writing Arabic, ed. J. Milton Cowan (Wiesbaden, latest edition).

Elias, E., Elias' Modern Dictionary, English-Arabic (Cairo, latest edition)

Doniach, N.S., The Oxford English-Arabic Dictionary of Current Usage (Oxford, 1972)

Ebied, R. Y. and Young, M.J.L., Arab Stories, East and West (Leeds, 1977)

Hafez, S. and Cobham, C., A Reader of Modern Arabic Short Stories (London, 1988)

Enani, M., Fam al-Tarjamah [The Art of Translation] (Cairo, 1997)

Khorshid, I. Z., At-Tarjamah wa-Mushkilatuhā [Problems of Translation] (Cairo, 1985)

**ARBC 3101 Women in Arab Societies**

8 credit points. Semester: 2. **Classes:** 3 hours per week. Prerequisite: ARBC 2114 and ARBC 2313. **Assessment:** Oral report in Arabic; 4000-word essay.

This unit focuses on an analysis of a selection of writings and excerpts by authors who have made significant and representative contributions to the debate on women in Arab societies. The status and role of Arab women will be discussed within a specific historical era and a defined socio-economic milieu. The Treadinglist ^iU"iflcludecras"sic^"MweU"as'm^(Iera Arabic sources. Lectures will be conducted in Arabic and students must be able to examine and discuss the original Arabic texts. On completion of this unit, students will progress to ARBC 2305, then 2306

*Textbooks*

A course booklet consisting of a collection of readings will be available from the lecturer.

**ARBC 4011 Arabic Honours A**

12 credit points. **Semester:** 1,2.

*NB: Permission required for enrolment.*

**ARBC 4012 Arabic Honours B**

12 credit points. **Semester:** 1,2.

**ARBC 4013 Arabic Honours C**  
12 credit points. Semester: 1,2.

**ARBC 4014 Arabic Honours D**  
12 credit points. Semester: 1,2.

## ■ ARCL

**ARCL 1001 Art & Archaeology of the Classical World**  
6 credit points. Dr Ted Robinson and Dr Lesley Beaumont. Semester: 1. Classes: 2 x Lectures, 1 x Tutorial/wk. Assessment: One 2hr exam, two visual tests, two 1500w essays.

Introduction to the art and archaeology of the Mediterranean and especially the Classical World. This unit of study has a double aim: to provide a solid basis for those students who intend to pursue archaeological studies, possibly to a postgraduate level, and to give an overall survey to those who have an interest in the Ancient World as a complement to their studies of any aspect of Western civilisation. The unit of study focuses on some of the most important archaeological sites of Greece, starting with the Bronze Age (Knossos, Santorini, Mycenae) before turning to the Iron Age, the Classical and Hellenistic periods (Athens, Delphi and Olympia). The unit of study then moves to Italy, starting with the Bronze Age (particularly the flourishing Nuraghic civilisation of Sardinia), then continuing with the Early Iron Age Villanovan culture of Central Italy, Greek colonisation, and the indigenous populations of the peninsula, particularly the Etruscans. The unit of study concludes with Pompeii (with due assessment of the contributions made in recent years by an Australian team to our knowledge of its history) and Rome. Throughout the unit of study we will be looking at the methods used by archaeologists to study the different classes of material, and at the history of the study of Classical monuments. Classical Antiquity has been of great importance far beyond the bounds of archaeology, and we will look at how the Classical past has been constructed and used in more recent times.

**ARCL 2001 The World of Classical Athens**

8 credit points. Dr Lesley Beaumont. Semester: 2. Classes: 2 lec & 1 tut/wk. Prerequisite: ARCL 1001 and 6 Junior credit points of Archaeology or Classical Civilization or Ancient History. Assessment: One 3 hr exam, one visual test, one 3000w essay.

The sixth and fifth centuries in Athens marked a major turning point in the evolution of western culture. It is marked in the material remains just as much as in such inventions as history, theatre or scientific thought. This unit of study examines some of the major developments in architecture, pottery, sculpture and painting, and compares them with changes in religious practice, society, technology and living conditions.

**ARCL 2900 Special Topics on Classical Athens**

8 credit points. Dr Lesley Beaumont. Semester: 2. Classes: One 2hr seminar/wk. Prerequisite: Credit result in ARCL 1001. Corequisite: ARCL 2001. Assessment: One 3hr exam, one 3000w essay, seminar work.

This unit of study is related to ARCL 2001 in content, but casts a more critical eye on the nature of the evidence, and on current debates in its interpretation; it also examines what we can learn of social attitudes from sources other than the literature which so often has an elitist bias.

**ARCL 3001 Archaeology of Pre-Roman Italy**

8 credit points. Dr Ted Robinson. Semester: 1. Classes: 2 lec & 1 tut/wk. Prerequisite: 8 Senior credit points of Archaeology (Classical). Assessment: One 3hr exam, one 3000w essay, one tutorial presentation, class tests.

This unit of study this year will concentrate on South Italy and Sicily; beginning at the transition to the Neolithic period, particular attention will be given to the Bronze Age, and the contacts between Italy and the wider Mediterranean at that time. The main focus of the course will be on the Iron Age, and the development of the numerous and varied groups of indigenous italians who inhabited South Italy and Sicily. The phenomenon of Greek colonisation will be treated in detail, and the course will conclude with the Roman conquest of these regions, and the changes wrought by Roman domination of the Greek and indigenous territories.

**ARCL 3901 Research Issues in Classical Archaeology**

8 credit points. Dr Ted Robinson. Semester: 2. Classes: One 2hr seminar/wk. Prerequisite: Credit result in ARCL 2900. Assessment: One 3hr exam, one 3000w essay, one seminar presentation. In each year a specific issue of current interest is chosen.

**ARCL 4011 Archaeology (Classical) Honours A**

12 credit points. All members of staff. Semester: 1,2. Classes: One 2hr seminar/wk. Prerequisite: (a)Credit results in 24 Senior credit points of Archaeology (Classical), (b) In addition, 48 credit points from one or more of the following: Archaeology (Near Eastern and/or Prehistoric and Historical), Classical Civilization, Greek, Latin, Greek and Roman Literature, Art History and Theory, Ancient History, (c) HSC Beginners (or equivalent) in an approved language. Assessment: Semester 1: One 3 hr exam, one 7000w essay, seminar work. Semester 2: 12,000w essay, seminar work, one viva voce examination. NB: Permission required for enrolment. Full year course.

This unit of study looks at the phenomenon of Greek colonisation throughout the Mediterranean. Particular emphasis will be placed on the background to colonisation in Greece itself, the form and process of colonisation, and its short-term outcomes. The unit of study will cover the early Greek contacts with the Eastern Mediterranean and look at the role of the Phoenicians. Depending on the interest (and language skills) of the class, we can also investigate the Greeks in Egypt and North Africa, in the North Aegean and the Black Sea and in France and Spain. Throughout, the unit of study will focus on the interaction between the Greek colonists and the indigenous inhabitants of the regions that were colonised.

Students will present two seminars, one on a topic to be agreed and the other on the subject of their 7000 word essay. *Special Topics in Classical Archaeology*

In this semester students write a long essay, which should not exceed 12,000 words, on a topic which they have devised in consultation with members of staff. This unit of study will include seminars on the subject matter and methodology of the topics. The viva voce examination will be on all four years of Classical Archaeology.

**ARCL 4012 Archaeology (Classical) Honours B**

12 credit points. Semester: 1,2. Assessment: As ARCL 4011.

**ARCL 4013 Archaeology (Classical) Honours C**

12 credit points. Semester: 1,2. Assessment: As ARCL 4011.

**ARCL 4014 Archaeology (Classical) Honours D**

12 credit points. Semester: 1,2. Assessment: As ARCL 4011.

## ■ ARHT

**ARHT1001 Art History and Theory: the Tradition**

6 credit points. Dr Milam. Semester: 1. Classes: 2 x 2hrs of lectures hour/wk (includes film screening). Assessment: 2000 word essay, 1 hr slide test, quizzes.

ARHT 1001 and ARHT 1002 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 History and Theory: The Tradition will focus on the history of visual representation. In doing so, it will examine how ideas about artistic production and the relation between the artist, the artwork and the spectator are culturally specific. The program will therefore emphasise the contexts and meanings that such representations may embody - and how these change across time.

The study of visual representation involves not simply questions of style, but of ways of seeing. It asks whether, how and why people may 'see' differently. It also examines how broader social relationships such as gender, race and class are visually represented. In the course of the year, students will acquire the essential skills of visual analysis and interpretation. These issues are posed across the two semesters. ARHT 1001 examines representation and visual culture in Europe, Asia and Australia from the early Renaissance to the early twentieth century. ARHT 1002 extends and develops this examination across a number of artforms and media in the twentieth and twenty-first centuries.

**Practical:** 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 Department of Architecture, Planning and Allied Arts. Only one introductory level workshop (worth 3 junior level credit points) is permitted. For more details please consult the Art Workshop on (02)93513115.



**ARHT1002 Art History and Theory: the Modern**

6 credit points. Dr Pefanis. **Semester:** 2. **Classes:** 2 x 2hr lectures hour/wk (includes film screening). **Assessment:** 2000 word essay, 1 hr slide test.

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 film, design, architecture and costume. As with ARHT 1001, historical analysis will be combined with discussions of the different methodologies and approaches to the interpretation and study of these visual materials.

**ARHT 2010 Art and Society in Trecento Italy**

8 credit points. Dr Marshall. **Semester:** 1. **Classes:** 2hr lecture & 1hr tutorial/wk. **Prerequisite:** ARHT 1001, ARHT 1002. **Assessment:** one seminar paper, essay.

This unit of study will explore a range of alternative approaches to art produced in Italy during the late thirteenth and fourteenth centuries. Topics to be investigated: problems of monographic analysis; the implications of contemporary workshop practice; civic, familial and princely patterns of artistic patronage; the meaning of Trecento 'naturalism'; alternatives to the 'Tuscanisation' of fourteenth-century art through a consideration of other centres such as Bologna, Rimini, Verona, Padua and Venice.

**ARHT 2012 Baroque Courts**

8 credit points. Dr Milam. **Semester:** 2. **Classes:** 1 lec & 1 tut/wk. **Prerequisite:** ARHT 1002. **Assessment:** Essay, visual test, class work.

This unit of study considers the place of the artist in European courts during the seventeenth century. The focus will be on the image of the ruler and the princely palace as apolitical and social symbol. Patterns of patronage and issues of artistic independence will be investigated through examples of major commissions in painting and sculpture, as well as the art of specific centres, including Prague, Rome, Paris, Madrid, London, the Hague, Potsdam and Saint Petersburg. Tutorials will involve a more careful examination of theoretical approaches to the expression of power, wealth and glory in visual form.

**ARHT 2016 High Renaissance Art**

8 credit points. Dr L. Marshall. **Semester:** 2. **Classes:** 2hr lecture & 1hr tutorial/wk. **Prerequisite:** ARHT 1001, ARHT 1002. **Assessment:** 4000 word essay, 2000 word visual test/assignment.

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.

**ARHT 2017 Art and Society in Victorian England**

8 credit points. Dr Roberts. **Semester:** 1. **Classes:** 2hr lecture and 1hr tutorial/wk. **Prerequisite:** ARHT 1001 or ARHT 1002. **Assessment:** 3000-4000 essay, visual test.

This unit of study will examine the diverse responses of nineteenth-century British artists to the profound social changes associated with the rise of industrial capitalism and the development of the modern city. The focus for this course is on the distinctive ways modern urban life was represented by the Pre-Raphaelite Brotherhood and the Victorian narrative painters. We will also examine the work of artists and craftspeople who sought to express alternatives to the urban experience through medieval revivalism and Orientalism. Topics to be investigated include the relationship between revivalism and realism; masculinity and modernity; varieties of photographic and painterly realism; gender and Orientalism; Aestheticism and the grotesque; religion, race and empire. We will make use of the rich collection of paintings from this period in the Art Gallery of New South Wales.

**ARHT 2020 Themes in European Art 1884-1914**

8 credit points. Dr Mary Roberts. **Semester:** 2. **Classes:** 2hr lecture & 1hr tutorial/wk. **Prerequisite:** ARHT 1001, ARHT 1002. **Assessment:** essay, paper.

The unit of study will focus mainly on art in France, Italy, Germany and Russia (this focus will vary from year to year); it will examine the relationship between the visual arts and society, and will be concerned with the ways in which they produce meaning, and with their relationship with their audiences. It will not be a chronological survey of 'movements', but will examine

selected topics including Modernism and Modernity; the city; the landscape and its human occupants; Orientalism, exoticism and primitivism; the construction of gender in pictorial images; art as social critique; aestheticism.

**ARHT 2021 European Modernism**

8 credit points. Dr Pefanis. **Semester:** 1. **Classes:** 2hr lecture & 1hr tutorial/wk. **Prerequisite:** ARHT 1001, ARHT 1002. **Assessment:** essay, paper.

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.

**ARHT 2024 Contemporary International Art**

8 credit points. Dr Mooore. **Semester:** 1. **Classes:** One hr Lecture and one 2hr tute per week. **Prerequisite:** ARHT 1001, ARHT 1002. **Assessment:** 3000 word essay or curatorial proposal and 2000 word tut paper.

This unit of study examines contemporary art and craft practices. Focus is on art materials, technologies and processes, along with recurrent themes and issues raised in work from selected regions. The course is organised thematically, and its international frame is not centred on Europe and the U.S. An important component of the unit is the analysis of contemporary art writing and curatorial practice. Tutorials will include visits to significant exhibitions including the Biennale of Sydney. Students are encouraged to work with contemporary museums holdings.

**ARHT 2032 Australian Art: 1880-1940**

8 credit points. Dr Catriona Moore. **Semester:** 2. **Classes:** 2hr lecture & 1hr tutorial/wk. **Prerequisite:** ARHT 1001, ARHT 1002. **Assessment:** two essays, visual test.

This unit of study will concentrate on visual imagery produced in and about Australia from 1880-1940. Themes to be covered include the landscape tradition, urban imagery, images of development, progress and nation. Specific issues examined include the changing character of debates on national identity, the construction of high culture as a nationalist project, Australian responses to modernism and modernity, centre-periphery cultural relations, the contradictions in the positioning of women, indigenous and migrant cultures within modernist and nationalist discourses.

**ARHT 2034 Australian Heritage and Architecture**

8 credit points. Dr Mackay. **Semester:** 2. **Classes:** 2hr lecture & 1hr tutorial/wk. **Prerequisite:** ARHT 1001, ARHT 1002. **Assessment:** essay, project.

Students are introduced to methods of interpreting cultural significance and heritage values in Australian nineteenth-century buildings, environments and material culture. The unit of study offers knowledges and skills that will assist in gaining work in related areas. Theories of everyday life, the modern past, local and marginal cultures are studied as well as approaches to conservation, preservation, the collection of objects and artefacts and their presentation to the public. Students undertake visits to local sites in class hours.

**ARHT 2035 Australian Women's Art**

8 credit points. Dr Mackay. **Semester:** 1. **Classes:** 2hr lecture & 1hr tutorial/wk. **Prerequisite:** ARHT 1001, ARHT 1002. **Assessment:** essay, project.

New research continues to recover the work of women artists who were prominent in their fields but have received little recognition. This unit will explore areas in which women have made significant contributions to the development of art practice in Australia. Topics investigated include: issues of 'feminine' style and subject matter; hierarchies of genres between male and female artists; questions of gender politics in art schools; the crucial role of Women's Art Societies; women artists who introduced and taught overseas trends; their participation in local exhibitions and international fairs, in developing and popularising printmaking, ceramics and crafts.

**ARHT 2040 Art of Modern Asia**

8 credit points. A/Prof. Clark. **Semester:** 2. **Classes:** 2hr lecture & 1hr tutorial/wk. **Prerequisite:** ARHT 1001, ARHT 1002 or ASNS 1001 & ASNS 1002. **Assessment:** 3500 word essay, 1500 word tute paper.

In Asia there has developed both the nationalist art of a series of modernising states and a counter-establishment art which has frequently been formally modern. Students will learn how to analyse art works and institutions in terms of critical notions of modernity which arise in these Asian contexts but which do not require projection from outside. Focus will chiefly be on China, Hong Kong, Taiwan and India since the 1850s. Other examples will be drawn from Japan, Thailand and Indonesia.

#### ARHT 2041 The Art of Southeast Asia

8 credit points. A/Prof Clark, A/Prof Fletcher. **Semester:** 1. **Classes:** 2 lectures, 1 tute/week. **Prerequisite:** ARHT 1001 & 1002, or ASNS 1001 & 1002, or any one of ARPH 1001, ARPH 1002, ARPH 1003.

**Assessment:** one 3500 word essay, and one 1500 word tute paper (this may be a site or work report).

The course is available by taking Module 1 OR Module 2 AND Module 3.

Module 1, 'The Tradition' is an in-country field work course\* in January /February 2002; Module 2, 'The Tradition', is by lectures and tutorials in Sydney in weeks 1-6 of Semester 1; Module 3 'The Modern' is by lectures and tutorials in Sydney during weeks 7-12 of Semester 1. Modules 1 and 2 cover the Monuments and cities of ancient Cambodia, Iconography of SE Asian Hindu/Buddhist Art, Thai Buddhist Temples and Mural Paintings, Thai Buddhist sculpture in its historical development. Module 2 covers the same content as Module 1 but will be taught from slides and written materials in Sydney. Module 3 covers Modern art and colonialism/post-colonialism: The Philippines, Modern Art and Nationalism: Indonesia, Modern art and the state: Thailand, Images of power in the public space and Southeast Asian Art. It will also be taught from slides and written materials in Sydney

- Note: Module 1 fieldwork is scheduled to be taught at Angkor Wat by Associate Professor Roland Fletcher, and in Thailand by Associate Professor John Clark. All students must register with the department by early November 2001 if they are going to take this module. Travel and accommodation costs only will be charged at about \$2,500. Module 1 is not available as a stand-alone unit except to access students via the Centre for Continuing Education or to inter-collegiate students.

#### ARHT 2044 Asian Film Studies

8 credit points. A/Prof John Clark, with Drs Wang Yiyang and Yao Souchou. **Semester:** 1. **Classes:** 1.5 hr lecture, 2-hr directed viewing, 1 tutorial/week. **Prerequisite:** Either ARHT 1001 & ARHT 1002 or ASNS 1001 & ASNS 1002 or ASNS 1001 & ASNS 1101 or ANTH 1001 & ANTH 1002 or ANTH 1003 & ANTH 1004. **Assessment:** one 3500w essay and one 1500w film analysis.

Asian cinema will be studied via films from Japan, China, and Hong Kong. Students will learn how to analyse a film in terms of its cultural background and specific film history context. Topics include melodrama in Japan, representing war, defeated heroes in Kurosawa, types of narrative in Ozu and Naruse, violence in the Japanese new wave, the Chinese fifth generation, problems of representing women, violence in Hong Kong Cinema.

[This unit is recognized as part of the new Film Studies Major from 2002]

#### ARHT 2052 From Silent to Sound Cinema

8 credit points. Dr Jayamane. **Semester:** 2. **Classes:** 1 hr lecture, 3hr film screening & 1 hr tut/wk. **Prerequisite:** ARHT 1001, ARHT 1002. **Assessment:** 3000 word essay, 1000 word film analysis, tut presentation.

This unit of study will examine the cultural and technological forces that made film a major popular cultural form in the late nineteenth century by looking at some of the early silent film genres and their development into sophisticated forms of visual story telling and spectacle. In order to do this we will focus on the two major American silent film genres of comedy and melodrama which include the work of Sennett, Chaplin, Keaton and Griffith. We will also be examining a selection of silent films from the national cinemas of Germany and the Soviet Union in order to understand the range and complexity of silent cinema. The transition into sound will be studied via Hollywood screwball/romantic comedy genre of the 1930s and 1940s. The final part of the unit of study will examine a selection of contemporary films that pay tribute to and work with ideas generated by silent cinema.

#### ARHT 2061 Costume, Clothing & Fashion

8 credit points. Dr Carter. **Semester:** 2. **Classes:** 1.5hr lecture and 1.5hr tut/wk. **Prerequisite:** ARHT 1001, ARHT 1002. **Assessment:** 4000 word essay, 2000 word essay.

Contemporary and historical costume will be examined as a practice of everyday life; that is, as a vernacular philosophy, a popular aesthetic and an imaginary transformation of the human body and its immediate environment. Topics examined will include Hats, Cosmetics, the Fashion model and Fashion Photography.

#### ARHT 2062 Style

8 credit points. Dr Carter. **Semester:** 1. **Classes:** 2 hr lecture and 1 hr tutorial/wk. **Prerequisite:** ARHT 1001, ARHT 1002. **Assessment:** One 2000 word paper (or equivalent) and one 3000 word essay.

This unit of study will look at the persistent presence of the idea of style in the study of the Fine Arts since the nineteenth century. It will examine the tradition of German stylistics in Art History as well as a number of contexts in which the idea of style has undergone elaboration, for instance works of art, styles of life and whole civilisations. The unit of study will then relate the idea of style to such areas as ornament, animals and clothing.

#### ARHT 2901 Theories of the Image

8 credit points. Dr Broadfoot. **Semester:** 1. **Classes:** 2hr lecture & 1 hr tut/wk. **Prerequisite:** Credit in ARHT 1001, ARHT 1002, and any other Senior unit of study taken. **Assessment:** 3000 word essay, 2000 word tut paper, tut presentation.

This unit of study will examine how visual images have been constituted as objects of analysis. It examines art historical perspectives as well as understandings of the image that have arisen from various theories of representation. An examination of the status of the image in different mediums - such as photography, film and television - will also be included. This unit of study may be taken by students who do not wish to proceed to Art History and Theory IV honours provided the entry requirement is met.

#### ARHT 4011 Art History and Theory Honours A

12 credit points. **Semester:** 1,2. **Prerequisite:** Results of credit or above in ARHT 1001, ARHT 1002, ARHT 2901, ARHT 3901 and 4 or more ARHT units of study. **Assessment:** Art History and Theory IV Honours has 4 components: a dissertation and 3 semester-length seminars chosen from a pool of units of study. Weighting: dissertation 50%, units of study: 16 and 2/3% each. Dissertation on an approved subject 5,000-18,000 words: this will be written under the individual supervision of a member of staff.

*NB: Permission required for enrolment.*

Seminar units

NOTE: Not all units of study will be offered in any one year. These courses are based on weekly two-hour seminars. Students are required to submit written work totalling 5000-6000 words for each option.

- Modernisms/Modernity. A study of the history and vision within modernity. Perspective, Northern realism and the Baroque are said to dominate the early modern period, with modernism leading visual structuring since the early nineteenth century. The unit will explore the various Isopic regimes which seem to have been in widespread use since the late eighteenth century. In addition to the scopic regime of modernity, we will examine a series of others such as the picturesque, Peopling, Design, Virtualisation and contrast these with certain Aboriginal structures of seeing.
- Feminism and film theory. This unit is in two parts. The first will examine the history of feminist film theory and feminist criticism. The second will examine a selection of films that are not designated as feminist to see how they can pose questions and problematise some aspects of feminist theorising on cinema. Prerequisite: full year of a Senior unit of study in film.
- Romanticism. This course will study Romanticism in the visual arts of England, France and Germany from the late 18th century to the 1840s (with some examination of Romanticism's influence on later 19th century art). Topics to be examined will include the complex interactions between Classicism and Romanticism; Romanticism, nationalism and the revolutionary movements of the time (notably, the Industrial Revolution and The French Revolution); Romanticism and history; Romanticism and the modern; Romantic art and the natural sciences; Romanticism, Christianity and spiritualism; the artist as Romantic hero; the comic and the grotesque in Romantic art (especially contemporary caricature). Particular attention will be paid to the Romantics' sense of the human body. Students undertaking the course will be expected to do extensive reading in Romantic literature. Knowledge of French and/or German is desirable but not essential.

- (d) Fashion classics. This unit will examine some of the classic formulations of clothing and fashion of the nineteenth and twentieth centuries. It will consist of readings of Carlyle, Veblen, Simmel, Benjamin, Baudrillard, etc.
- (e) The animation of cinema. An enquiry into the relation of animation and cinema, cartoon and live action film, via poststructuralist and postmodernist approaches to the subject, with screening and analysis of relevant films and reading of relevant writings of Baudrillard, Virilio and Derrida (which work this option privileges), as well as in-depth examination and critique of texts addressing the specific films screened and issues raised by those films, including horror/SF, war, science and technology, nuclear apocalypse, genetic engineering, artificial intelligence, virtual reality, automata/robots/cyborgs, video/computer games, theme parks, toys, etc.
- (f) Art writing/criticism: theories and methods. The unit explores the varieties of art writing, particularly those which engage with the ongoing production of art and its institutions. This will be pursued through: (i) a study of the practice of individual critics of modern art; (ii) examination of the work of recent and current art writers, particularly in Australia; (iii) direct practice in a number of different writing genres. The results of (i) and (ii) will be presented in the form of both class papers and essays; (iii) will take the form of writing exercises with stipulated frameworks.
- (g) From critical surrealism to the postmodern surreal. This reading seminar sets out from the premise that the relationship between trends in post-structuralist and postmodernist writing and art and the thought of the critical surrealists is a crucial one, but one which remains largely uncharted, and whose time has come. Critical surrealism and the postmodern surreal will require careful specification: they are tendentious, volatile and slightly impossible ideas; both involve a poetics. Students will be asked to explore the relationship between the two domains, drawing on the psychoanalytic, ethnographic and political theory central to the aesthetics of surrealism.
- (h) Mystic eroticism. The focus of this unit is upon the persistent habit of eroticised metaphor in Christian devotion and hence in visual images. Inspired by the heady language of the Song of Songs in the Old Testament, Christian textual and visual culture was profoundly informed by mystic eroticism. In exploring the visualisation of such erotic metaphors, the course will consider the concept of original sin and Christian attitudes to sexuality and the gendered body. Other themes include the imagery of the sacred or mystic marriage; male and female visionary experiences and the representation of the Virgin Mary and of Mary Magdalene; representing the body of Christ.
- (i) Art theory in China and Japan. Art theories in China and Japan will be discussed with some reference to recent critical theory. For China will be examined: shamanist belief and metaphors of state power; theories of representation; the literati empathetic expression; Marxist moralism in art. For Japan will be examined: binary constructions of cultural discourse; poetics of court romances; performer identification and performance in Noh and Tea; social aesthetics of chic and resigned acceptance; the national and the authentic; overcoming or going beyond the modern.
- (j) Western Images of the South Pacific. Visual images of the indigenous peoples of Australia and the South Pacific islands intrigued the Western world in the eighteenth and nineteenth century; early interest in prints and paintings was later replaced by fascination with photographs and postcards. The unit focuses on postcolonial issues concerned with representation of indigenous races as other. Specific areas of study include theories of the stereotype, the subaltern, hybridity and ambivalence.
- (k) Australian art since 1945: 'current perspectives.' This unit investigates selected themes in contemporary Australian art and art criticism. These include ideas about art objects and practices, the public sphere, cultural diversity, Aboriginal politics, art and the environment, regionalism and internationalism, new technologies, feminism and queer aesthetics. Participants will be expected to lead discussion on one of the broad seminar topics listed above. The readings specified for each week are to be read by all participants. Students will also be expected to visit exhibitions regularly and be familiar with current newspaper reviews and articles in art journals.
- (l) The study of works of art as physical objects. The first half of this unit will concentrate primarily on the materials and

techniques of art production. The second half will be concerned with issues of conservation, display and interpretation in the context of a public art gallery. The unit is primarily conceived for students who feel they might wish to pursue career possibilities in the museum/art gallery sector, but deals with issues relevant to any object-based art history.

(m) Modernism: Psychoanalytic Perspectives. This unit offers an introduction to how contemporary psychoanalytic theory is being used in the study of art and visual culture. Some of the interpretations of modernist art that are currently being produced by art historians and cultural theorists who are writing from a psychoanalytic perspective will be examined.

**ARHT 4012 Art History and Theory Honours B**  
12 credit points. Semester: 1,2. Assessment: Refer to ARHT 4011.  
*NB: Permission required for enrolment.*

**ARHT 4013 Art History and Theory Honours C**  
12 credit points. Semester: 1,2. Assessment: Refer to ARHT 4011.  
*NB: Permission required for enrolment.*

**ARHT 4014 Art History and Theory Honours D**  
12 credit points. Semester: 1,2. Assessment: Refer to ARHT 4011.  
*NB: Permission required for enrolment.*

## ■ ARIN

**ARIN 1000 History and Theory of Informatics**  
6 credit points. **Semester: 1. Classes:** 2 lectures and 1 tutorial.  
Corequisite: ISYS 1003. **Assessment:** 2000w essay, 1000w case study, 1000w tutorial paper.

*NB: Permission required for enrolment. Available to BA Informatics students only.*

This unit will explore the emergence of computational and digital paradigms in the 17th to 19th centuries in the work of Leibniz, Babbage and others and examine how they have, in the 20th century in the work of Turing, Von Neumann, Shannon and Wiener among others, become dominant models for the organisation and dissemination of knowledge. Students will be introduced to the historical, ethical, epistemological and social/critical theory in the field of Information Systems (including the Internet).

**ARIN 2000 Research Methods in IS, Humanities & Soc**

8 credit points. Dr. M. Hardie. Semester: 2. Classes: 1 hr Lecture and 2-hr Tutorial per week. Prerequisite: ARIN 1000 and either ISYS 1003 or INF01000. Assessment: Research project/essay, total 6000 words.

*NB: Available to BA Informatics students only.*

unit aims to develop systems thinking in approaching the methodologies used in the humanities and social sciences, including the collection, analysis and interpretation of data and evidence. Students will be introduced to quantitative analysis using sound statistical methods and empirically reliable qualitative methods. Approaches include participative methods, surveys, focus groups, controlled experiments and case studies.

## ■ ARIS

**ARIS 1001 Arab World, Islam and the Middle East 1**  
6 credit points. A/Professor Shboul. **Semester: 1. Classes:** 3 hours per week. **Assessment:** One 2000w essay, class presentation and a 2-hour final examination.

This unit of study 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 ARIS 1002 in semester 2.

*Textbooks*

Course readings and bibliography will be available.

**ARIS 1002 Arab World, Islam and the Middle East 2**  
6 credit points. A/Professor Shboul. **Semester: 2. Classes:** 3 hours per week. Prerequisite: ARIS 1001. **Assessment:** one 2000w essay, class presentation and a 2-hour final examination.

This unit of study 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 the above two units, students proceed to ARIS 2003 & ARIS 2004 in the year 2003; and to ARIS 2005 and ARIS 2006 in the year 2004.

*Textbooks*

Course material and bibliography will be available.

**ARIS 2005 Modern Middle East Politics and Society**  
8 credit points. A/Professor Shboul. Semester: 1. Classes: 3 hours per week. Prerequisite: ARIS 1002. Assessment: Two 2500w essays (or one essay plus examination); tutorial presentation/participation.

This unit of study deals with society and politics in the modern Middle East, with emphasis on the Arab countries. Themes include: Unity and diversity in the modern Arab world; Ottoman legacy in the Middle East; colonial encounter: political and cultural impact of the West; state and society in the Arab countries since independence; countries of the Arabian Peninsula: Saudi Arabia, Gulf States and Yemen; Fertile Crescent: Iraq, Jordan, Lebanon, Palestine and Syria; Egypt, Sudan; the Maghrib: Libya, Tunisia, Algeria, Morocco, Mauritania; Pan-Arab regional systems: Arab League, Gulf Cooperation Council, Maghribi Federation; Palestine and the Palestinians; the impact of the Palestine question and the Arab-Israeli conflict on Arab society and politics; the Arab world and peace prospects with Israel; Lebanon and the Lebanese in perspective: society, civil war, Israeli invasion, Syrian influence; Arab refugees, exiles and migrants; Lebanese and other Arab immigrants; minorities in the Middle East; water resources and economic impact of oil on the Arab social and political order; the Arab world, Iran, Turkey and Western Power politics in the Middle East; the Gulf War and its impact on the Middle East. On completion of this unit, students may proceed to ARIS 2006, in semester 2

*Textbooks*

Course readings and bibliography will be available.

**ARIS 2006 Contemporary Arab Thought and Culture**  
8 credit points. A/Professor Shboul. Semester: 2. Classes: 3 hours per week. Prerequisite: ARIS 1002. Assessment: two 2500-3000W essays (or one essay plus examination); tutorial presentation/participation.

This unit of study deals with contemporary Arabic political ideas and political culture. Themes include: the question of 'renaissance' in modern Arab culture and thought; the pioneers: Egyptian and Lebanese thinkers; traditionalism and modernism in Arab culture and thought; cultural and political debates in the contemporary Arab World: Middle Eastern and Maghribi perspectives; attitudes to the past and cultural identity; attitudes to the West; Arab nationalism; pan-Arab and nation-state loyalties; Arab political culture today: religious and sectarian loyalties; secularism versus religious fundamentalism; current debates on peace in the Middle East, problems of development, progress, position of women, democracy and human rights in the Arab world. Students who have not completed ARIS 2003 & ARIS 2004 may do so in the year 2003.

*Textbooks*

Course readings and bibliography will be available.

**ARIS 4011 Arabic and Islamic Studies Honours A**

12 credit points. Semester: 1,2. Classes: 2 hour seminar per week. Prerequisite: Average credit or above in 48 credit points of ARIS or ARBC units. It is desirable for students to have also completed at least 28 credit points in the other stream. However, under no circumstances can a student attempt to do more than one Honours program in the area of Arabic and Islamic Studies. Assessment: Essays, tutorial presentations and bibliographical assignments.

*NB: Permission required for enrolment.*

**ARIS 4012 Arabic and Islamic Studies Honours B**

12 credit points. Semester: 1,2.  
Refer to ARIS 4011.

**ARIS 4013 Arabic and Islamic Studies Honours C**

12 credit points. Semester: 1,2.  
Refer to ARIS 4011.

**ARIS 4014 Arabic and Islamic Studies Honours D**

12 credit points. Semester: 1,2.  
Refer to ARIS 4011.

## ■ ARNE

**ARNE 1001 Archaeology of the Near East**

6 credit points. Dr A Betts. Semester: 1. Classes: 2 lec & 1 tut/wk. Assessment: One 3hr exam, two take-home assignments, two 1500w essays.

This unit of study is a foundation course both for students who wish to pursue a degree in Archaeology and also for those who would simply like to broaden their perspective on ancient culture. The course provides an introduction to the wide sweep of cultures which have shaped western and central Asia. Students will learn about the foundations of ancient society, the development of agriculture, the earliest forms of writing, and how civilizations developed in rich and varied ways across the ancient world. The unit of study is taught within a broad chronological framework, beginning with the growth of the first farming villages and going on to explore the rise of kingdoms and empires, covering major topics such as warfare and defence, temples and palaces, burial customs, religion and the establishment of complex trade networks. Regional cultural development is also examined, with special focus on Egypt, Mesopotamia, the Arabian Gulf, Iran, Central Asia and the Indus Valley.

**ARNE 2002 Ancient Mesopotamia**

8 credit points. Professor Potts. Semester: 2. Prerequisite: ARNE 1001 and 6 junior credit points from ARCL, ARPH, Classical Civilisation or Ancient History. Assessment: One 3 hr exam, one x 3000 word essay, one x 1500 word paper, one map test.

This course 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.

**ARNE 2901 Material Culture**

8 credit points. Dr Alison Betts. Semester: 1. Classes: One 2 hr seminar/wk. Prerequisite: Credit result in ARNE 1001. Assessment: One take home test, one 3000w essay, 1 tut paper.

This is a seminar concentrating on a particular category or field of material culture in Western Asia and its archaeological interpretation. The course is designed to train students in the rigorous collection and presentation of data and to give students a basic introduction to research formulation, writing and delivery.

**ARNE 3901 Special Topics in West Asian Archaeology**

8 credit points. Professor Dan Potts. Semester: 1. Classes: One 2hr seminar/wk. Prerequisite: Credit result in ARNE 2901 and Pass result in 8 further Senior credit points from ARNE or ARCL. Assessment: One take-home test, one 3000w essay, one seminar presentation.

In this unit of study students are asked to research a topic on a theme relating to current problems and debate in the archaeology of Western Asia.

**ARNE 4011 Archaeology (Near Eastern) Honours A**

12 credit points. Professor Dan Potts and Dr Alison Betts. Semester: 1,2. Classes: One 2 hr sem/wk. Prerequisite: (a) Credit results in 24 Senior credit points of Archaeology inc. ARNE 2901 and ARNE 3901 (b) reading ability in a Modern European language. Assessment: Semester 1: Seminar presentations, one 5000w essay, one take-home exam. Semester 2: One 12,000-25,000 wd thesis and one oral examination on the thesis.

*NB: Permission required for enrolment.*

Full year course.

Studies on Special Topics: Students are required to prepare a series of seminar presentations on topics relating to their chosen area of research.

Honours Thesis: A supervised piece of research on an approved topic relating to the study areas covered by Archaeology (NE).

**ARNE 4012 Archaeology (Near Eastern) Honours B**

12 credit points. Semester: 1,2. Assessment: As ARNE 4011.

**ARNE 4013 Archaeology (Near Eastern) Honours C**

12 credit points. Semester: 1,2. Assessment: As ARNE 4011.

**ARNE 4014 Archaeology (Near Eastern) Honours D**

12 credit points. Semester: 1, 2. Assessment: As ARNE 4011.

## ■ARPH

**ARPH 1003 From Java to Beijing: Asian Archaeology**  
6 credit points. A/Professor Fletcher. **Semester: 2. Classes:** 2 lec/wk, 1 tut/wk. **Assessment:** 3 exercises, one 1500w essay, one 2500w essay, one 2hr test/or two one-hour tests.

An introduction to the archaeology of Asian society, from the early hominids of Java (1-2 million BP) down to the decline of the Ch'ing dynasty in the late 19th century AD. The region considered extends from Indonesia to China and the Urals to Japan. The formation and nature of human communities, from hunter-gatherer camps to the great imperial capitals like Beijing, will be placed in a broad environmental, economic and cultural context. This unit of study can also be counted for credit towards Asian Studies.

**ARPH 2001 Pre and Post Contact Aust Archaeology**  
8 credit points. Dr Colley. **Semester: 1. Classes:** 3 hr/wk. **Prerequisite:** 12 Junior credit points of Archaeology including ARPH 1002. **Assessment:** Two 2300w essays/assignments, one seminar presentation, one take home exam.

This unit of study explores current and topical research questions (theories, data, techniques) in Australian Aboriginal, contact and Historical archaeology. Australian case studies will be placed in world-wide perspective. Some of the content may reflect the particular interests of students taking the course.

**ARPH 2003 The Archaeology of Society**  
8 credit points. A/ Professor Fletcher. **Semester: 1. Classes:** 3hr/wk. **Prerequisite:** 12 Junior credit points of Archaeology. **Assessment:** Two 2000w essays, two projects.

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.

**ARPH 2005 Archaeology of Modern Times**  
8 credit points. Mr Wayne Johnson. **Semester: 1. Classes:** 3hr/wk. **Prerequisite:** 12 Junior credit points of Archaeology including ARPH 1001 or ARPH 1002. **Assessment:** one 3000w essay, one presentation and one in-class test.

This unit of study investigates the material culture of Australia from 1788 to the present day, in the broad context of the European colonial world after AD 1500. Students are encouraged to develop their own projects in conjunction with professional archaeologists excavating in Sydney.

**ARPH 2006 Australian and Pacific Archaeology**  
8 credit points. Dr Peter White. **Semester: 2. Classes:** 3 hr/wk. **Prerequisite:** 12 Junior credit points of Archaeology. **Assessment:** Two 2000 wd essays, one take-home test.

An examination of major areas, theories and problems current in Australian and Pacific archaeology.

**ARPH 2508 Animal Bones**  
4 credit points. Dr White. **Semester: 2. Classes:** 4 hr lab/wk for 6 weeks. **Prerequisite:** 12 Junior credit points of Archaeology. **Assessment:** Workbooks, lab work, 2000 word report.

The identification and analysis of animal bones from recent excavations to address topical research questions which may include aspects of diet, butchery practices, consumer behaviour and issues related to identification, taphonomy and sampling. Most of this unit of study is 'hands-on', but there will be a component of theoretical research. Since this is a practical course, the class will be restricted to a maximum of 15 students.

**ARPH 2604 Field/Laboratory Project**  
4 credit points. Dr Colley. **Semester: 1,2. Classes:** 5 days field and/or lab work. **Prerequisite:** 12 Junior credit points of Archaeology. **Assessment:** Participation in an approved project, Notebook, Report. Students will generally undertake a supervised program of field or laboratory work during Semester 2. The department will assist students find projects. In some circumstances projects may be undertaken at other times with prior approval from Dr Colley. For further information check the Web site [www.archaeology.usyd.edu.au](http://www.archaeology.usyd.edu.au) or email Dr Colley at [sarah.colley@archaeology.usyd.edu.au](mailto:sarah.colley@archaeology.usyd.edu.au).  
Practical: Fieldwork and/or laboratory work.

**ARPH 2621 Scientific Analysis of Materials**  
8 credit points. Associate Professor Barbetti. **Semester: 2. Classes:** Lecture/seminar 3 hrs/wk. **Prerequisite:** 12 Junior credit points in archaeology. **Prohibition:** ARPH 2601. **Assessment:** Four written assignments.

This unit begins with an introduction to the theory, practice and pitfalls of radiocarbon, luminescence and other dating methods. In the second half of the unit, techniques of materials analysis, including X-ray and electron microscopy methods, are introduced. The emphasis is on archaeological applications, and assessment is by assignment and practical sessions.

**ARPH 3902 Archaeological Research Principles II**  
8 credit points. Dr Colley. **Semester: 2. Classes:** 2hr/wk. **Corequisite:** ARPH 3911. **Assessment:** One 8000w essay, one seminar presentation/one research design outline.

The preparation, organisation and presentation of research. This unit of study is designed to prepare students for research and the preparation of long essays and theses.

**ARPH 3911 Archaeological Research Principles 1**  
8 credit points. A/Professor Fletcher. **Semester: 1. Classes:** 2 hr lecture and 1 hr tutorial per week. **Prerequisite:** 12 Senior credit points in Archaeology at credit level. **Assessment:** Two 2000 word essays and 2 seminar presentations.

An introduction to the philosophy and worldwide history of archaeology. Topics are to be chosen in consultation with the coordinator and to serve as a preparation for the 8000 word essay in ARPH 3902.

**ARPH 3920 Archaeological Applications of Computing**

8 credit points. Dr Johnson. **Semester: 2. Classes:** 4hr lab/wk, classwork. **Prerequisite:** Credit results in 12 Senior credit points of ARPH. **Assessment:** Exercises, project. Archaeologists make increasing use of databases, whether recording excavated material, museum collections, specialist datasets or sites on landscapes. Much archaeological data is also spatially located. This unit of study introduces the concepts of data description, data recording, database management, data analysis and computer mapping, including the use of Geographic Information Systems for spatial and environmental analysis. Readings, exercises and other information for this course are placed on a www site. Assessment tasks are submitted electronically and students can use the Archaeological Computing Laboratory for this purpose. Students should be familiar with wordprocessing, spreadsheets and graphics. Places are limited.

**ARPH 4011 Archaeology (Prehist/Historical) Hons A**  
12 credit points. Assoc Professor Fletcher, Dr Colley. **Semester: 1,2. Classes:** One 2hr class/wk, one 2hr senior seminar. **Prerequisite:** Credit results in 24 Senior credit points of Archaeology (including ARPH 3901 & ARPH 3902 and 4 credit points from ARPH 2501-2699). **Assessment:** Case Studies in Archaeological Research. One 3000w and one 5000w essay.

*NB: Permission required for enrolment.*  
Full year course.

In-depth study of archaeological theory and practice, with a particular focus on the relationship between aims, methods and results. This unit includes preparatory work for a 25,000 word thesis.

**ARPH 4012 Archaeology (Prehist/Historical) Hons B**  
12 credit points. **Semester: 1,2. Assessment:** See ARPH 4011.

**ARPH 4013 Archaeology (Prehist/Historical) Hons C**  
12 credit points. **Semester: 1,2. Assessment:** See ARPH 4011.

**ARPH 4014 Archaeology (Prehist/Historical) Hons D**  
12 credit points. **Semester: 1,2. Assessment:** See ARPH 4011.

## ■ASLT

**ASLT 2001 Australian Literature 1920-1960**  
8 credit points. Professor Webby, Dr Rowe. **Semester: 1. Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prerequisite:** 18 Junior credit points. **Assessment:** One 2000 word essay (mid-semester, 30%) & one 4000 word take-home exam (end-of-semester, 60%) & tutorial presentation (10%).

This unit aims to introduce some of the key writers of this period. It will also encourage students to develop reading skills appropriate to different genres and to acquire an awareness of the issues, movements and critical debates which were central to the development of Australian literature.



*Textbooks*

Herbert X. Capricornia. Angus & Robertson  
 Hergenhan L, ed. The Australian Short Story. UQP  
 Prichard K.S. Coonardoo. Angus & Robertson  
 Stead C. The Man Who Loved Children. Angus & Robertson  
 Tranter J, Mead P, eds. The Penguin Book of Modern Australian Poetry.  
 Penguin  
 White P. The Aunt's Story. Vintage

**ASLT 2009 Australian Literature 1988 to Present**

8 credit points. Dr Brooks and others. Semester: 2. Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prerequisite: 18 Junior credit points. Assessment: One 2000 word essay (mid-semester, 30%) & one 4000 word take home exam (end of semester, 60%) & tutorial presentation (10%).

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)  
 Jolley, E My Father's Moon (Penguin)  
 Porter, D. The Monkey's Mask (Hyland House)  
 Scott, J. What I have Written (Penguin)  
 Scott, K. Benang (Freemantle Arts Centre Press)  
 Winton, T Cloudstreet (Penguin)  
 Other texts, especially those by contemporary poets, such as Ken Bolton, Peter Boyle, Lionel Fogarty, John Forbes, JS arry, John Kinsella, Jennifer Maiden and Gig Ryan, 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. Some selected critical and other essays will also be included in the Resources book.

**ASLT 2010 Patrick White and the Australian Baroque**

8 credit points. Dr Indyk. Semester: 1. Classes: One 1 hour lecture and one 2 hour seminar per week. Prerequisite: 18 Junior credit points. Assessment: One 2000 word essay (mid-semester, 40%) and one 4000 word take-home exam (end-of-semester 60%).

This unit takes Patrick White's novels as a focal point for studying some key issues in modern Australian writing: the relationship between realism and modernism and the different roles afforded the writer in each; the nature of Australian epic; the treatment of suburban life and Australian social mores; the importance of the expressionist or Baroque tradition in Australian literature, and the position within this tradition of the homosexual writer; the role of irony, satire and parody.

*Textbooks*

White, P. Voss (Vintage)  
 White, P. Riders in the Chariot (Vintage)  
 White, P. The Solid Mandala (Vintage)  
 White, P. The Vivisector (Vintage)  
 White, P. A Fringe of Leaves (Vintage)  
 White, P. The Twyborn Affair (Vintage)

*Recommended Texts*

White P. Flaws in the Glass (Vintage)  
 Prichard, K. Straight Left (Wild & Woolley)  
 White, P. Patrick White Speaks (Primavera Press)  
 Marr, D. Patrick White: A Life (Random House)  
 Marr, D. Patrick White: Letters (Random House)  
 During, S. Patrick White (OUP)

**ASLT 2016 Australian Stage and Screen**

8 credit points. Professor Webby, Dr Rowe. Semester: 2. Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prerequisite: 18 Junior credits points. Prohibition: ASLT 2006. Assessment: 2000 word essay (mid-semester 30%), 4000 word take home exam (end of semester, 60%) & tutorial presentation (10%).

A study of the "development of Australian drama and film from 1788 to the present. This unit will examine a range of Australian plays and films within the contexts of: the history of theatrical performance in Australia and the development of film in the twentieth century; the influence of changing technologies and dramatic styles, with a particular focus on comedy, melodrama, naturalism, expressionism and epic theatre. The continuing links between stage and screen will be stressed, especially via a special study of different film versions of Steele Rudd's On Our Selection, made in the 1920s, 1930s and 1980s. Other films to be studied in detail will include Picnic at Hanging Rock, The Club, The Boys and Cosi. Reference will be made to other films and students will be encouraged to develop their own research interests.

*Textbooks*

Texts (all published by Currency Press) include:  
 Bailey. On Our Selection  
 Darrell. The Sunny South  
 Esson. The Time Is Not Yet Ripe  
 Prichard. Brumby Innes  
 Lawler. Summer of the Seventeenth Doll  
 White. Collected Plays Vol 1  
 Hewett. Collected Plays Vol 1  
 Davis. Kullark and The Dreamers  
 Nowra. The Golden Age

**ASLT 3901 Australian Literature Research Methods**

4 credit points. Professor Webby and others. Semester: 1. Classes: 1.5 hours per week. Prerequisite: 16 Senior credit points in Australian Literature with Credit average. Corequisite: ASLT 3902. Assessment: Assignments and essays to total of 3000 words.

This seminar aims to prepare students for the Honours year in Australian Literature through a study of current issues and approaches in research and criticism.

**ASLT 3902 Australian Literature Research Issues**

4 credit points. Professor Webby and others. Semester: 2. Classes: 1.5 hours per week. Prerequisite: 16 Senior credit points in Australian Literature with Credit average. Corequisite: ASLT 3901. Assessment: Assignments and essays to total of 3000 words.

This seminar aims to prepare students for the Honours year in Australian Literature through a study of current issues and approaches in research and criticism.

**ASLT 4011 Australian Literature Honours A**

12 credit points. Professor Webby, Dr DG Brooks, Dr Indyk, Dr Rowe, Dr van Toorn. Semester: 1,2. Classes: Students will take five semester units of study. In addition to the Australian Literature Semester Options, students may also choose up to two semester units of study from those offered for the MA program or for English Literature IV or for English Language and Early English Literature IV. Prerequisite: Credit or above in 48 Senior credit points in Australian Literature including ASLT 3901 and 3902 (may include up to 16 Senior credit points of English). Assessment: All students will submit a long essay on a topic to be approved. Essays are 12,500 words in length, and are due on Monday 14 October 2002. Each semester option is assessed by a 4000 word essay.

*NB: Permission required for enrolment.*

*Semester options:**Australian Women's Writing*

Professor Webby. Semester: 1, 2. Classes: 2 hours per week.

A survey of writing by women in and of Australia during the past two hundred years. While the main focus is on developments in the novel, attention will also be paid to other important genres, including poetry, autobiography, journalism and literary criticism and the relationship between them.

*Textbooks*

Praed R. The Bond of Wedlock. Mulini Press  
 Fallon M. Working Hot. Sybylla Press  
 Ferrier C, ed. As Good as a Yam with You. CUP  
 Langley E. The Pea Pickers. Angus & Robertson  
 Lever S. The Oxford Book of Australian Women's Verse.

*OUP*

Modjeska D. Poppy. Penguin  
 Stead C. For Love Alone. Angus & Robertson  
 Sussex L., ed. The Fortunes of Mary Fortune. See department.  
 Sykes R. Snake Cradle. Allen & Unwin

*Australian Irony*

Dr Indyk. Semester: 1. Classes: 2 hours per week.

An examination of the use of irony in Australian Literature, as an instrument of scepticism and belief.

*Texts will include:*

Lawson H. Short Stories  
 Richardson HH. Fortunes of Richard Mahony  
 Prichard KS. Working Bullocks  
 Slessor K. Poems  
 White P. The Solid Mandala  
 Kefala A. Absence: New and Selected Poems  
 Forbes J. Selected Poems

*Postcolonial Literatures and Theory*

Dr P van Toorn. Semester: 1. Classes: 2 hours per week.

This seminar reads a range of postcolonial novels and poems through the lens of some influential postcolonial theories, which in turn become subject to critique in the light of literary practices. After developing a foundational understanding of colonial discourse and ideology, we will focus on literary and theoretical texts from the 'second world' settler societies of Canada and Australia, the 'third world' nations of Africa, India, and the Caribbean, and the 'fourth world' indigenous societies that are

now undergoing a cultural renaissance. Questions to be addressed include the appropriateness of the term 'postcolonial' and the numbering of 'worlds'; the development of hybrid languages and intercultural traditions; gender, sexuality, and empire; intra-national colonisation; postcoloniality as a reading practice; subversive mimicry and re-writing; orality and literacy; nation and narration; neo-imperialism; and the relation between the postmodern and the postcolonial.

Texts will include:

Achebe C. *Things Fall Apart*. Heinemann  
 Atwood M. *Bodily Harm*. Vintage Random House  
 Brodber E. *Jane and Lousia Will Soon Come Home*. New Beacon Books

Conrad J. *Heart of Darkness*. Penguin  
 Dangaremba T. *Nervous Conditions*. Tower Books  
 Malouf D. *An Imaginary Life*. Vintage Random House  
 Roy A. *The God of Small Things*. Flamingo  
 Scott K. *Benang*. Fremantle Arts Centre Press  
 A Resource Book containing theoretical readings will be available from the University Copy Centre.

#### *Australian Poetry and the Symbolistes*

Dr D. Brooks. Semester: 2. Classes: 2 hours per week

A study of the poetics and key poetry of the 'Symboliste' movement and its role in the development of Australian poetry from 1900 to the present day.

Texts will include:

Poe E. A. *The Fall of the House of Usher and Other Writings*. Penguin

Baudelaire C. *Selected Poems*, trans. Joanna Richardson. Penguin Classics.

Rimbaud A. *Complete Works*, trans. Paul Schmidt. Picador Classics. (Or equivalent)

Mallarme S. *Selected Poetry and Prose*, ed. Mary Ann Caws. New Directions

Rilke R.M. *Selected Poems*, trans. Leishman. Penguin. (Or equivalent)

Brennan C. *Poems (1913)*, ed. Adamson. HarperCollins.

McAuley J. *Poetry, essays and personal commentary*, ed. Leonie Kramer. UQP.

Hope A.D. *Selected Poetry and Prose*, ed. Brooks. Halstead.

Wright J. *Collected Poems*. HarperCollins.

Tranter J. *Selected Poems*. Hale & Iremonger.

Adamson R. *Selected Poems*. UQP

#### *Australian Postmodernism*

Dr N. Rowe, Dr P. van Toom. Semester: 2. Classes: 2 hours per week.

This seminar examines a range of Australian texts in the light of specific theories of the postmodern. Among the issues to be explored are: unwriting meta-narratives; writing and/as re-writing; the death of the author/birth of the reader; alliances of textuality, truth and power; discursive (de)constructions of the subject; relations between the postmodern and the postcolonial; new technologies and texts. The seminar will also investigate how we locate recent Australian writing in relation to maps of the postmodern emanating from Europe and the USA.

Texts will include:

Alexander G. *Mortal Divide*. Brandel & Schlesinger

Carey P. *The Unusual Life of Tristan Smith*. (UQP)

Castro B. *Drift*. Mandarin

Modjeska D. *Poppy*. Penguin

Portea D. *The Monkey's Mask*. (Hyland House)

The seminar will also study a range of writings selected from the work of: Ken Bolton, Lionel Fogarty, J. S. Harry, Kevin Hart, John Kinsella, Jennifer Maiden, 'Em Malley', Peter Minter, David Brooks and Gail Jones.

#### **ASLT4012 Australian Literature Honours B**

12 credit points. Semester: 1,2.

NB: *Permission required for enrolment.*

Refer to ASLT4011

#### **ASLT 4013 Australian Literature Honours C**

12 credit points. Semester: 1,2.

NB: *Permission required for enrolment.*

Refer to ASLT 4011

#### **ASLT 4014 Australian Literature Honours D**

12 credit points. Semester: 1,2.

NB: *Permission required for enrolment.*

Refer to ASLT 4011

## ■ASNS

### **ASNS 1001 Modern Asian History and Cultures 1**

6 credit points. Dr Elise Tipton and Dr John Wong. Semester: 1. Classes: 2 lectures & 1 tutorial/wk. Assessment: One 2hr exam or equivalent, one 2000w essay or equivalent; 60% for classwork (of which 10% is tutorial participation), 40% for exams.

This unit introduces the study of Asia through a focus on broad concepts and themes which may be applied in a comparative and interdisciplinary way to the various countries and regions that make up what we call 'Asia'. The unit of study is divided into four modules each concentrating on a different theme and raising questions about continuities and change in the modern period.

### **ASNS 1002 Modern Asian History and Cultures 2**

6 credit points. Dr Elise Tipton. Semester: 2. Classes: 2 lectures & 1 tutorial/wk. Assessment: One 2hr exam or equivalent, one 2000w essay or equivalent; 60% for classwork, 40% for exams.

This unit offers a thematic approach which is varied through regional specialisation. All students will attend a set of common lectures which raise questions of a comparative nature and deal with such issues as modernisation, nationalism and social change in the 19th and 20th centuries. Students will have the opportunity to specialise by exploring particular developments through a specifically designed tutorial program. Specialised tutorials may be offered from the following: India, Southeast Asia, Korea and Japan.

### **ASNS 1101 Introduction to Chinese Civilisation**

6 credit points. Professor Dunstan. Semester: 2. Classes: Two lectures, one tutorial/wk. Assessment: Classwork (including informal writing assignments) 40%; two 1500-word essays (25% and 35%).

A broad-ranging, chronologically-arranged introduction to Chinese civilisation from prehistory to recent times. Readings will include representative philosophical, literary and religious works in English translation. Social science perspectives will be introduced through lectures/tutorial readings on social history, kinship structure, modern change, etc. This unit of study will provide a foundation for more advanced work in Chinese studies.

*Textbooks*  
 Conrad Schirokauer. *A Brief History of Chinese Civilization*. New York: Harcourt Brace Jovanovich, 1991.

Cyril Birch, comp. *Anthology of Chinese Literature*. Vol. 1. New York: Grove Press, 1965.

A specially compiled anthology of readings available from the University Copy Centre.

Jacques Geraet. *A History of Chinese Civilization*. Cambridge: Cambridge University Press, 1982 (recommended alternative to Schirokauer).

### **ASNS 2111 China 900 to 1900: Continuity or Change?**

8 credit points. Prof. Dunstan. Semester: 1. Classes: Three hours per week. Assumed knowledge: Students with no prior knowledge of Chinese history are encouraged to read an introductory textbook (eg, Schirokauer, *A Brief History of Chinese Civilization*) before the start of the semester. Prerequisite: 12 junior credit points in Asian Studies or an Asian language or Government, History or Economic History, or any combination of the above. Assessment: Classwork 20%; 3000-word essay 30%; oral presentation based on work for essay 10%; additional written assignments not exceeding 3000 words 40%.

How far has modern scholarship overthrown the conventional image of premodern Chinese history as a series of dynastic cycles, devoid of progressive change? This unit of study, which focuses more on social and economic than on political history, attempts to provide a balanced answer to this question. Topics include the evolution of 'gentry' society, the fate of serfdom, the role of lineage organisation, the development of market systems, the economic role of government, environmental change and the structure of sample industries.

*Textbooks*

Will include a specially compiled anthology of readings available from the University Copy Centre.

### **ASNS 2212 Six Schools: Classical Indian Philosophy**

8 credit points. Dr Oldmeadow. Semester: 1. Classes: 2 lec & 1 tut/wk. Prerequisite: 12 Junior credit points in Asian Studies, History, Economic History, Religious Studies, Art History and Theory, Philosophy or an Asian Language. Assessment: Essay, tutorial paper, take home exam. This unit of study will provide an overview of the Indian philosophical tradition as a whole, commencing with a detailed examination of early Buddhism and the contemporary ideas of the Hindus, Jains and Ajivikas. It will study the early systematisation of Buddhism philosophy through the Abhidharma which was to form the common basis of all later Buddhist schools. Both Buddhist and non-Buddhist thinking will be considered in relation to issues central to Indian philosophy,

including such questions as the nature of the self, the status of the material world, the means of valid knowledge, the relationship of individual and society, and the nature of liberation.

#### ASNS 2304 **Early Modern Japanese History**

8 credit points. Dr Elise Tipton. Semester: 1. Classes: 2 lectures and 1 tutorial/wk. Prerequisite: 12 junior credit points in Asian Studies, History, Economic History, Government and/or an Asian language. Assessment: One 2,500 word essay, one tutorial paper or equivalent, and one 2 hour exam.

This unit of study will look at the social, political and cultural order under the Tokugawa shogunate from different and possibly contradictory perspectives: as a feudal order crumbling from the consequences of socio-economic changes and as a dynamic early society forming the prelude to modernisation.

#### ASNS 2414 **Southeast Asian Politics**

8 credit points. Semester: 2. Classes: (2 lec & 1 tut)/wk. Prerequisite: 12 junior credit points in Asian Studies, History, Economic History, Government and International Relations and/or an Asian Language. Assessment: One 3000w essay, tutorial paper, 2hr exam.

This unit of study examines the contemporary nation-states of Indonesia, Thailand, Malaysia and Singapore as case studies in comparative politics. Together the four states encompass over 250 million people, more than a dozen major ethnic and racial communities, one of the most important regional economic groupings in the world (Asean), three major religious cultures (Islam, Buddhism, Christianity), and the largest Moslem nation in the world (Indonesia).

In the past two decades Southeast Asia has undergone profound political and social transformation. Economic growth rates have soared and collapsed. Both wealth and poverty are growing in comparative terms. Agricultural economies are being industrialised. Authoritarian regimes are accommodating to democratising pressures. The global media is impacting upon domestic cultures. Global capital is transforming economies and political power relations. New movements of religious revival are challenging state authority. Nationalisms and cultural chauvinisms interact and frequently conflict. Globalism and 'post-coloniality' are now determining generational changes both of political leadership and in civil societies in Southeast Asia.

The unit of study will concentrate on the study of the state, government and public administration, political cultures and national economies. It will seek to explain the patterns and dynamics of contemporary politics in this important and rapidly changing region and provide guidelines for evaluating future developments. Special attention will be given to the major political change now underway in Indonesia.

##### *Textbooks*

McCloud, Donald. *Southeast Asia: Tradition and Modernity in the Contemporary World* (Boulder: Westview Press 1995).

#### ASNS 2502 **Modern Korea**

8 credit points. Semester: 2. Classes: 3 hr/wk (2hr lec & 1 hr seminar). Prerequisite: 12 junior credit points in Asian Studies, History, Economic History, Government and International and/or an Asian language.

Assessment: Seminar presentation, 3000 word essay and final exam. This unit of study aims at introducing students to the political, social, cultural and economic history of Korea from the late Choson dynasty to 1945. The topics include the contradictions of the late Choson dynasty society, the opening of Korea to the Western powers and Japan, the reforms and rebellions, the loss of independence and Japanese colonial rule, Korea's fight for freedom and the liberation and division of the country in 1945.

#### ASNS 2511 **Mass Media in Korea**

8 credit points. Dr Ki-Sung Kwak. Semester: 1, Summer. Classes: 3 hr/wk (2hr lec & 1 hr seminar). Prerequisite: 12 junior credit points in Asian Studies, History, Economic History, Government and/or an Asian language. Assessment: 1000-w tut paper, 3000-w essay and final exam.

This unit of study introduces students to the media industry, processes, policies and practices in South Korea by examining the historical development and operational practice of mass media in Korea. In addressing the topics, the main features of Korean media are discussed and compared with those in other Asian countries and in Western countries - eg, the USA, the UK and Australia. This unit also looks at Korean media within the context of regionalisation and internationalisation, which emerged with the introduction of new communication technologies. The major topics include the development of mass media and foreign influence, the social and cultural role of the media, state control over the media and its relationship with the media, and new media technology and its impact on current

media structure and on Korean society. This unit does not assume prior knowledge of media studies, although it would be an advantage.

#### ASNS 2600 **Mass Media in East Asia**

8 credit points. Dr Ki-Sung Kwak. Semester: 2. Classes: 3 hrs/wk (2 hr lec & 1 hr seminar). Prerequisite: 12 junior credit points in Asian Studies, Media Studies, History, Economic History, Government and/or an Asian language. Assessment: One 3000 word essay, one 1500 word tutorial paper and final exam.

This subject introduces students to the media industry, processes, policies and practices in selected countries in East Asia, namely Japan, Hong Kong, South Korea and Taiwan. It examines the historical development and operational practice of mass media in the region. In addressing the topics, the main features of media in the region are discussed and compared. Comparison will be also made with countries in other parts of Asia and Western countries. The major topics include: the development of mass media; social and cultural role of the media; state control over media and its relationship with the media; new media technology and its impact on current media structure and on the society in this dynamic region. This subject does not assume prior knowledge of media studies, although it would be an advantage.

## ■ ASTR

#### ASTR 2001 **Australia: Land and Nation**

8 credit points. Dr van Toorn, A/Professor Waterhouse & others. Semester: 1, Summer. Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prerequisite: 18 Junior credit points. Assessment: One 2000 word essay (30%); one 2000 word take-home exam (end of semester) (30%); class participation (10%) and one class presentation (30%).

A study of some of the interactions between the 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 the land and the nation: the different names for Australia and parts of Australia given by Indigenous peoples, early European explorers and white settlers; poems, essays, films and other visual material with a specific focus on Australia as land and nation.
2. Changing European perceptions of the Australian environment and landscape.
3. Concepts of the nation as demonstrated in the move to federation at the end of the 19th century, to a republic at the end of the 20th century and through the battle for Aboriginal land rights.

##### *Textbooks*

A reader will be available for this unit of study from the Copy Centre.

#### ASTR 2002 **Histories, Narratives and Images**

8 credit points. Professor Webby, A/Professor Waterhouse, Dr van Toorn. Semester: 2. Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prerequisite: 18 Junior credit points. Assessment: One 2000 word essay (30%); one 2000 word take-home exam (end of semester) (30%); class participation (10%) and one class presentation (30%).

The unit will study various alternative histories of Australia:

1. Aboriginal historiography
2. European academic historiography
3. Popular or non-professional historiography - ie, representations of Australian history through film and other visual modes, fiction and other forms of narrative.

##### *Textbooks*

A reader will be available for this unit of study from the Copy Centre.

## ■ BBCL

#### BBCL1001 **Biblical Studies 1**

6 credit points. Course Coordinator: L Davey. Semester: 1. Classes: 3 hours per week. Assessment: One take-home exam 30%; one 2000 word essay 30%; other written assignments and assessments 40%. This course unit provides an introduction to the study of the Bible including:

- Textual, literary and structural criticism.
- Relevance of disciplines such as Archaeology and Sociology to the study of the Bible.
- Relevance of Dead Sea Scrolls material 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.

**BBCL 1002 Biblical Studies 2**

6 credit points. Course Coordinator: L Davey. Semester: 2. Classes: 3 hours per week. Assessment: One take-home exam 30%; one 2000 word essay 30%; other written assignments and assessments 40%. This semester the lectures in Biblical Studies focus specifically on biblical books such as Judges, Samuel and Kings. The events of the period of the Hebrew Bible, the historiography of texts, and the religious and historical viewpoints conveyed will be examined, with some attention to other writings of the period.

There are weekly tutorials at which students present papers.

**BBCL 2003 Biblical Studies 3**

8 credit points. Course Coordinator: R Lewin. Semester: 1. Classes: 3 hours per week. Prerequisite: BBCL 1002. Assessment: One take-home exam 40%; one 2500 word essay 30%; other written assignments 30%.

The major concern is the prophetic texts, and their link to religious, social and political institutions of the Biblical period.

There are weekly tutorial at which students present papers.

Students intending to read the Classical stream leading to Hebrew honours are advised to take BBCL 2004 as well.

**BBCL 2004 Biblical Studies 4**

8 credit points. Course Coordinator: R Lewin. Semester: 2. Classes: 3 hours per week. Prerequisite: BBCL 2003. Assessment: One take-home exam 40%; one 2500 word essay 30%; other written assignments 30%.

The central concern is the poetic, wisdom and creative writing of the Hebrew Bible, together with related material from the Dead Sea Scrolls and other areas.

There are weekly tutorials at which students present papers.

**BBCL 2005 Literature of Second Temple Judaism**

8 credit points. Course Coordinator: R Lewin. Semester: 1. Classes: 2 hrs/wk. Tutorial 1 hr/wk. Prerequisite: BBCL 1001, BBCL 1002. Assessment: 2500 word essay, 500 word weekly tutorial preparation, 2 hour exam.

This unit aims to provide familiarity with the great range of material relevant to the study of the Bible and the establishment of both Judaism and Christianity. The course covers the Second Temple period (500 BCE-100 CE) and works dating from this period, written in Hebrew, Aramaic and Greek, will be read in translation. Students will examine critically interpretations of the texts and their interrelationships with each other and with biblical material.

**BBCL 2006 Jewish Apocalyptic Literature**

8 credit points. Course Coordinator: R Lewin. Semester: 2. Classes: 2 hrs/wk. Tutorial 1 hr/wk. Prerequisite: BBCL 1001, BBCL 1002. Assessment: 2500 word essay, 500 word weekly tutorial preparation, 2 hour exam.

Apocalyptic literature, focusing on the eschatological, is infused with esoteric imagery and symbols. This genre developed during times of socio-political stress experienced by Jews under Roman rule. As part of the nascent Jesus movement, it continued within early church writings.

This unit considers biblical apocalyptic writings with related extra-biblical material of the period. The aim is to familiarise students with these texts, and to encourage appreciation of ways they contribute to religious, historical, social and cultural developments of the period.

**CHNS****CHNS 1101 Beginning Chinese (1)**

6 credit points. Mr Keenan. Semester: 1. Classes: Consult department. Prohibition: This and other non-background-speaker stream units of study may not be taken by students who are eligible to take intermediate or native-speaker stream units of study. Assessment: Information will be provided at the first class meeting.

NB: Permission required for enrolment.

Introduction to Modern Standard Chinese for beginners. Foundation work on pronunciation, pinyin romanisation, elementary grammar and the Chinese writing system will be followed by an integrated program of grammar learning, vocabulary development and training in the skills of listening and speaking. Students will learn to read and write approximately 350 characters.

Practical: Language laboratory work will be required.

Textbooks

Ted Yao and Yuehua Liu. Integrated Chinese. Level One, Part One.

Textbook, Workbook and Character Workbook. Boston: Cheng and Tsui, 1997.

**CHNS 1102 Beginning Chinese (2)**

6 credit points. Mr Keenan. Semester: 2. Classes: Consult department. Assumed knowledge: One semester of Chinese at introductory level, preferably using full-form characters. Prerequisite: CHNS 1101.

Corequisite: Students are strongly advised to take ASNS 1101 if they plan to take senior units of study in Chinese. Prohibition: This and other non-background-speaker stream units of study may not be taken by students who are eligible to take intermediate or native-speaker stream units of study. Assessment: Information will be provided at the first class meeting.

NB: Permission required for enrolment.

Continuation of Beginning Chinese (1). On completion of this unit of study, students should have a good grasp of common grammatical patterns and be able to converse simply on everyday topics and to read simple texts. They should have mastery (reading and writing) of about 700 characters.

Practical: Language laboratory work will be required.

Textbooks

Ted Yao and Yuehua Liu. Integrated Chinese. Level One, Part Two.

Textbook, Workbook and Character Workbook. Boston: Cheng and Tsui, 1997.

**CHNS 1201 Intermediate Chinese (1)**

6 credit points. Mr Keenan. Semester: 1. Classes: Four hours per week. Assumed knowledge: Native- or near-native-speaker fluency in spoken Chinese (whether putonghua, Cantonese or another dialect) combined with no, or very limited, knowledge of characters. Prohibition: May not be taken by students who are eligible to take first-year native-speaker stream units of study. Assessment: Information will be provided at the first class meeting.

NB: Permission required for enrolment.

A fast-paced intermediate unit of study intended primarily for native speakers of Chinese (including Cantonese and other dialects) 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 will include reading and writing skills and standard putonghua pronunciation.

Practical: Language laboratory work will be required.

Textbooks

Consult department.

**CHNS 1202 Intermediate Chinese (2)**

6 credit points. Mr Keenan. Semester: 2. Classes: Four hours per week. Assumed knowledge: Native- or near-native-speaker fluency in spoken Chinese (whether putonghua, Cantonese or another dialect) combined with full mastery (reading and writing) of approximately 400 to 500 characters and (for speakers of dialects) basic communicative skills in putonghua. Prerequisite: CHNS 1201. Corequisite: Students are strongly advised to take ASNS 1101 if they plan to take senior units of study in Chinese. Prohibition: May not be taken by students who are eligible to take first-year native-speaker stream units of study.

Assessment: Information will be provided at the first class meeting.

NB: Permission required for enrolment.

Continuation of Intermediate Chinese (1), with similar objectives, pace and workload. By the end of the year, students should be capable of reading Chinese-language materials of limited complexity, and of discussing them in putonghua.

Textbooks

Consult department.

**CHNS 1313 Classical Chinese for Native Speakers 1**

6 credit points. Dr Herforth. Semester: 1. Classes: Three hours per week. Prerequisite: Full native-speaker competence (including character literacy) in Chinese. Prohibition: Units of study from the non-background-speaker and intermediate stream programs. May not be taken after CHNS 1311/1312. Assessment: participation 10%; language exercises and quizzes 30%; one-hour final examination 20%; two 1,000-word essays or equivalent (eg, informal writing assignments may be substituted for one essay) 40%.

NB: Permission required for enrolment.

Students will gain a thorough grounding in the grammar of Classical Chinese through close analysis of passages from philosophical and historical texts mainly of the pre-Qin period. Supplementary readings in English and/or Chinese will enhance their knowledge of the intellectual, political and cultural background of the texts studied. The topics of the readings will be further explored in essays and class discussion.

Textbooks

Course materials available from University Copy Centre.

Wang Li. Gudai Hanyu. (Old Chinese) Beijing: Zhonghua Shuju, 1999.

Gu Hanyu changyong zi zidian [A dictionary of commonly used characters in Old Chinese]. Beijing: Shangwu Yinshuguan, 1998.

Recommended supplementary reference book: Edwin G. Pulleyblank.

Outline of Classical Chinese Grammar. Vancouver: UBC Press, 1995.

**CHNS 1314 Classical Chinese for Native Speakers 2**

6 credit points. Dr Herforth. Semester: 2. Classes: Three hours per week. Assumed knowledge: A solid basic knowledge of the grammar of Classical Chinese. Prerequisite: CHNS 1313. Corequisite: ASNS 1101 is strongly recommended for students who have little knowledge of Chinese history and culture. Prohibition: Units of study from the non-background-speaker and intermediate stream programs. May not be taken after CHNS 1312. Assessment: participation 10%; language exercises and quizzes 30%; one-hour final examination 20%; two 1,000-word essays or equivalent (eg, informal writing assignments may be substituted for one essay) 40%.

*NB: Permission required for enrolment.*

Continuation of Classical Chinese for Native Speakers (1). Students will enhance their proficiency in reading Classical Chinese while deepening their knowledge of premodern Chinese culture.

**Textbooks**

Course materials available from University Copy Centre  
Wang Li. *Gudai Hanyu*. (Old Chinese) Beijing: Zhonghua Shuju, 1999.  
Gu Hanyu *changyong zi zidian* [A dictionary of commonly used characters in Old Chinese]. Beijing: Shangwu Yinshuguan, 1998.  
Recommended supplementary reference book: Edwin G. Pulleyblank. *Outline of Classical Chinese Grammar*. Vancouver: UBC Press, 1995.

**CHNS 2021 Chinese In-Country Study I**

16 credit points. Semester: 1,2. Prerequisite: CHNS 1102 or CHNS 1202.

*NB: Permission required for enrolment.*

Enrolment in an approved intermediate or advanced Modern Standard Chinese language-training program at a tertiary institution in China or Taiwan. Open to students in the non-background-speaker and intermediate streams only.

**CHNS 2022 Chinese In-Country Study II**

16 credit points. Semester: 1,2. Prerequisite: CHNS 1102 or CHNS 1202.

*NB: Permission required for enrolment.*

Enrolment for a second semester of study in an approved intermediate or advanced Modern Standard Chinese language-training program at a tertiary institution in China or Taiwan. Open to students in the non-background-speaker and intermediate streams only.

**CHNS 2023 Chinese In-Country Study A**

8 credit points. Semester: 1,2. Prerequisite: CHNS 1102 or CHNS 1202. Prohibition: Open to students in the non-background-speaker and intermediate streams only.

*NB: Permission required for enrolment.*

Credit for this unit of study may be awarded when a student has successfully completed a summer (or equivalent) in-country Chinese language program or has successfully undertaken sufficient additional hours in a semester-long program to justify the award of extra credit points beyond the sixteen normally awarded for such programs. Available only for approved intermediate and advanced Modern Standard Chinese language-training programs at tertiary institutions in China and Taiwan.

**CHNS 2024 Chinese In-Country Study B**

8 credit points. Semester: 1,2. Prerequisite: CHNS 1102 or CHNS 1202. Prohibition: Open to students in the non-background-speaker and intermediate streams only.

*NB: Permission required for enrolment.*

Credit for this unit of study may be awarded when a student has successfully completed a summer (or equivalent) in-country Chinese language program or has successfully undertaken sufficient additional hours in a semester-long program to justify the award of extra credit points beyond the sixteen normally awarded for such programs. Available only for approved intermediate and advanced Modern Standard Chinese language-training programs at tertiary institutions in China and Taiwan.

**CHNS 2101 Second-Year Chinese (1)**

8 credit points. Dr Herforth. Semester: 1. Classes: Consult department. Assumed knowledge: One year (approx. 5 hrs/wk for 26 wks) of Chinese at introductory level, preferably using full-form characters. Prerequisite: CHNS 1102. Corequisite: All students are strongly advised to take CHNS 2111 or CHNS 2903 (essential for those who plan to do Honours in Chinese Studies). Prohibition: This and other non-background-speaker stream units of study may not be taken by students who are eligible to take intermediate or native-speaker stream units of study. Assessment: Information will be provided at the first class meeting.

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 over 1,000 characters and be able to engage in simple discussions, write short compositions and read fluently within their vocabulary range.

Practical: Language laboratory work will be required.

**Textbooks**

Ted Yao and Yuehua Liu. *Integrated Chinese. Level Two. Textbook and Workbook*. Boston: Cheng and Tsui, 1997.

**CHNS 2102 Second-Year Chinese (2)**

8 credit points. Dr Fu. Semester: 2. Classes: Consult department. Assumed knowledge: Sound intermediate knowledge of Modern Standard Chinese, including full mastery of at least 1,000 characters (preferably full-form). Prerequisite: CHNS 2101. Corequisite: All students are strongly advised to take CHNS 2112 or CHNS 2904 (essential for those who plan to do Honours in Chinese Studies). Prohibition: This and other non-background-speaker stream units of study may not be taken by students who are eligible to take intermediate or native-speaker stream units of study. Assessment: information will be provided at the first class meeting.

Continuation of Second-year Chinese (1), 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 be able to read Chinese-language materials of some complexity and to discuss their content orally and in short compositions.

Practical: Language laboratory work will be required.

**Textbooks**

Ted Yao and Yuehua Liu. *Integrated Chinese. Level Two. Textbook and Workbook*. Boston: Cheng and Tsui, 1997.

**CHNS 2111 Beginning Classical Chinese**

4 credit points. Professor Dunstan. Semester: 1. Classes: Consult department; will be taught together with CHNS 2211 and 2903. Assumed knowledge: One year (approx. 5 hrs/wk for 26 wks) of Chinese at introductory level, preferably using full-form characters. Prerequisite: CHNS 1102. Students who obtained a Credit or higher in CHNS 1102 should consider enrolling in CHNS 2903 instead. Corequisite: CHNS 2101 unless already taken. Prohibition: This and other non-background-speaker stream units of study may not be taken by students who are eligible to take intermediate or native-speaker stream units of study. Assessment: Information will be provided at the first class meeting.

*NB: This unit or CHNS 2903 is essential for prospective Honours students in this stream.*

Introduction to Classical Chinese, an ancient language that still plays a role in modern China. Students will gain a basic understanding of the grammar, thus equipping themselves to approach the rich storehouse of philosophical and other literature written in Classical Chinese.

**Textbooks**

Robert L. Chard and Helen Dunstan. *Foundations in Classical Chinese*. Available from University Copy Centre.

**CHNS 2112 Readings in Classical Chinese**

4 credit points. Professor Dunstan. Semester: 2. Classes: Consult department; will be taught together with CHNS 2212 and CHNS 2904. Assumed knowledge: Basic knowledge of the grammar of Classical Chinese. Prerequisite: CHNS 2111 or CHNS 2903. Corequisite: CHNS 2102 unless already taken. Prohibition: This and other non-background-speaker stream units of study may not be taken by students who are eligible to take intermediate or native-speaker stream units of study. Assessment: information will be provided at the first class meeting.

*NB: This unit or CHNS 2904 is essential for prospective Honours students in this stream.*

In continuing their introductory study of Classical Chinese grammar, students will begin to read short passages from historical, philosophical and literary texts written in ancient China.

**Textbooks**

Robert L. Chard and Helen Dunstan. *Foundations in Classical Chinese*.

Available from University Copy Centre.

Supplementary reference book: Edwin G. Pulleyblank. *Outline of Classical Chinese Grammar*. Vancouver: UBC Press, 1995

**CHNS 2201 Senior Intermediate Chinese (1)**

4 credit points. Mr Keenan. Semester: 1. Classes: Consult department. Assumed knowledge: Native- or near-native-speaker fluency in putonghua combined with limited ability to read material in characters, or basic command of putonghua combined with native-speaker fluency in Cantonese or other dialect plus limited ability to read material in characters. Students entering this unit of study will typically know about 1,000 characters. Prerequisite: CHNS 1202. Corequisite: All students who plan to progress to third year in Chinese Studies are strongly advised to take CHNS 2211 or 2903 and CHNS 3431. These units of study are essential for students who plan to do Honours in Chinese Studies.

**Prohibition:** May not be taken by students who are eligible for the native-speaker stream. **Assessment:** Information will be provided at the first class meeting.

Readings in Chinese on contemporary issues (eg, population, environment, recent political developments, the Chinese economy, youth culture, the position of women, education, etc.). Oral and written discussion, in Chinese, of the issues raised by the readings.

**Practical:** Language laboratory work may be required.

*Textbooks*

Consult department.

### CHNS 2202 Senior Intermediate Chinese (2)

4 credit points. Dr Chan. **Semester:** 2. **Classes:** Consult department.

**Assumed knowledge:** Native- or near-native-speaker fluency in putonghua combined with reading skills that fall short of full literacy, or native-speaker fluency in Cantonese or other dialect plus intermediate command of putonghua combined with reading skills that fall short of full literacy. Students entering this unit of study will typically know about 2,000 characters. **Prerequisite:** CHNS 2201. **Corequisite:** All students who plan to progress to third year in Chinese Studies are strongly advised to take CHNS 2212 or 2904 and CHNS 3432. These units of study are essential for students who plan to do Honours in Chinese Studies.

**Prohibition:** May not be taken by students who are eligible for the native-speaker stream. **Assessment:** Information will be provided at the first class meeting.

Continuation of CHNS 2201. On completion of this unit of study, students should have enhanced proficiency in reading authentic materials on contemporary issues and in discussing such issues orally and in writing.

**Practical:** Language laboratory work may be required.

*Textbooks*

Consult department.

### CHNS 2211 Introduction to Classical Chinese

4 credit points. Professor Dunstan. **Semester:** 1. **Classes:** Consult department; will be taught together with CHNS 2111 and CHNS 2903.

**Assumed knowledge:** Native- or near-native-speaker fluency in putonghua combined with limited ability to read material in characters, or basic command of putonghua combined with native-speaker fluency in Cantonese or other dialect plus limited ability to read material in characters. Students entering this unit of study will typically know about 1,000 characters. **Prerequisite:** CHNS 1202 or CHNS 1322. Students who obtained a Credit or higher in CHNS 1202 should consider enrolling in CHNS 2903 instead. **Corequisite:** CHNS 2201 unless already taken or unless CHNS 1322 was taken. **Prohibition:** May not be taken by students who are eligible for the native-speaker stream unless CHNS 1322 was taken. May not be taken with or after CHNS 1311 or CHNS 1313. **Assessment:** Information will be provided at the first class meeting.

*NB: This unit or CHNS 2903 is essential for prospective Honours students in this stream.*

Introduction to Classical Chinese, an ancient language that still plays a role in modern China. Students will gain a basic understanding of the grammar, thus equipping themselves to approach the rich storehouse of philosophical and other literature written in Classical Chinese.

*Textbooks*

Robert L. Chard and Helen Dunstan. Foundations in Classical Chinese. Available from University Copy Centre.

### CHNS 2212 Explorations in Classical Chinese

4 credit points. Professor Dunstan. **Semester:** 2. **Classes:** Consult department; will be taught together with CHNS 2112 and CHNS 2904.

**Assumed knowledge:** Basic knowledge of the grammar of Classical Chinese combined with native- or near-native-speaker fluency in spoken Chinese and at least intermediate ability to read material in characters plus intermediate command of putonghua. **Prerequisite:** CHNS 2211 or CHNS 2903. **Corequisite:** CHNS 2202 unless already taken or unless CHNS 1322 was taken. **Prohibition:** May not be taken by students who are eligible for the native-speaker stream unless CHNS 1322 was taken. May not be taken with or after CHNS 1312 or CHNS 1314. **Assessment:** Information will be provided at the first class meeting.

*NB: This unit or CHNS 2904 is essential for prospective Honours students in this stream.*

In continuing their introductory study of Classical Chinese grammar, students will begin to read short passages from historical, philosophical and literary texts written in ancient China.

*Textbooks*

Robert L. Chard and Helen Dunstan. Foundations in Classical Chinese. Available from University Copy Centre.

Supplementary reference book: Edwin G. Pulleyblank. Outline of Classical Chinese Grammar. Vancouver: UBC Press, 1995

### CHNS 2903 Honours Stream Classical Chinese (1)

8 credit points. Professor Dunstan. **Semester:** 1. **Classes:** Three hours per week; will be taught together with CHNS 2111 and CHNS 2211.

**Assumed knowledge:** Good basic grounding in Modern Standard Chinese including full mastery of at least 600 characters. Performance in previous formal studies of Chinese must have been above average (Credit or a full B). **Prerequisite:** Credit or higher in CHNS 1102 or CHNS 1202. **Corequisite:** CHNS 2101 or CHNS 2201 unless already taken.

**Prohibition:** May not be taken by students who are eligible for the native-speaker stream; such students will be able to qualify for Honours entry by another route. May not be taken with or after CHNS 1311, CHNS 1313, CHNS 2111 or CHNS 2211. **Assessment:** Information will be provided at the first class meeting.

*NB: While prospective Honours students in the non-background-speaker and intermediate streams must take CHNS 2111, CHNS 2211 or CHNS 2903, it is strongly recommended that they choose CHNS 2903.*

Designed for students who hope to do Honours, this unit of study combines preliminary practice in academic research skills with an introduction to Classical Chinese, the literary language of Chinese civilisation. Students will gain a basic understanding of Classical Chinese grammar, thereby laying the foundation for Honours-level work in Chinese literature, philosophy or history. They will also undertake a cultural exploration project on a topic of their choice, using translations of Classical Chinese texts and English-language secondary sources.

*Textbooks*

Robert L. Chard and Helen Dunstan. Foundations in Classical Chinese. Available from University Copy Centre.

### CHNS 2904 Honours Stream Classical Chinese (2)

8 credit points. Professor Dunstan. **Semester:** 2. **Classes:** Three hours per week; will be taught together with CHNS 2112 and CHNS 2212.

**Assumed knowledge:** Solid introductory grounding in Classical Chinese, preferably using full-form characters. **Prerequisite:** Credit or higher in CHNS 2111, 2211 or 2903. **Corequisite:** CHNS 2102 or 2202 unless already taken. **Prohibition:** May not be taken by students who are eligible for the native-speaker stream; such students will be able to qualify for Honours entry by another route. May not be taken with or after CHNS 1312, CHNS 1314, CHNS 2112 or CHNS 2212. **Assessment:** Information will be provided at the first class meeting.

*NB: While prospective Honours students in the non-background-speaker and intermediate streams must take CHNS 2112, CHNS 2212 or CHNS 2904, it is strongly recommended that they choose CHNS 2904.*

This unit of study gives intending Honours students the opportunity of further developing the linguistic and research skills acquired in CHNS 2903. In continuing their introductory study of Classical Chinese grammar, students will read short passages from historical, philosophical and literary texts written in ancient China, thus laying the foundations for literacy in this challenging language. Research project work will be designed to incorporate English-language readings on methodological issues in the student's chosen discipline.

*Textbooks*

Robert L. Chard and Helen Dunstan. Foundations in Classical Chinese. Available from University Copy Centre.

### CHNS 3103 Third-Year Chinese (1)

8 credit points. Dr Wang. **Semester:** 1. **Classes:** Consult department.

**Assumed knowledge:** Two years of university-level Chinese-language instruction for students without prior knowledge of Chinese.

**Prerequisite:** CHNS 2102. **Corequisite:** Students are strongly advised to take CHNS 2111 or CHNS 2903 if they have not already done so. **Prohibition:** May not be taken after CHNS 3101. This and other non-background-speaker stream units of study may not be taken by students who are eligible to take intermediate or native-speaker stream units of study. **Assessment:** Information will be provided at the first class meeting.

Readings in Chinese on contemporary issues (eg, population, environment, recent political developments, the Chinese economy, youth culture, the position of women, education, etc.). Oral and written discussion, in Chinese, of the issues raised by the readings. In addition, two class hours per week will be spent on study of selected literary texts (eg, poems, short stories) and other artistic works (eg, films) that reflect the concerns of Chinese people in the modern world.

**Practical:** Language laboratory work will be required.

*Textbooks*

Will include:

Irene Liu with Li Xiaohu. A New Text for a Modern China. Boston: Cheng and Tsui, 1999.

### CHNS 3104 Third-Year Chinese (2)

8 credit points. Mr Keenan. **Semester:** 2. **Classes:** Consult department.

**Prerequisite:** CHNS 3103. **Corequisite:** Students are strongly advised to take CHNS 2112 or CHNS 2904 if they have not already done so.



**Prohibition:** May not be taken after CHNS 3102. This and other non-background-speaker stream units of study may not be taken by students who are eligible to take intermediate or native-speaker stream units of study. **Assessment:** Information will be provided at the first class meeting.

Continuation of CHNS 3103. On completion of this unit of study, students should have enhanced proficiency in reading authentic materials on contemporary issues and discussing such issues orally and in writing. They should also have increased experience of reading literary texts of the same kind as those studied during First Semester.

**Practical:** Language laboratory work will be required.

**Textbooks**

Will include: Irene Liu with Li Xiaojing. *A New Text for a Modern China*. Boston: Cheng and Tsui, 1999.

#### CHNS 3421 Chinese for Business Purposes (1)

4 credit points. Mr Keenan. **Semester:** 1. **Classes:** Two hours per week. **Prerequisite:** CHNS 2102 or CHNS 1202. **Corequisite:** CHNS 3103 or CHNS 2201. **Prohibition:** Not open to students in the native speaker stream. Students who have already taken CHNS 2202 may not enrol without special permission, which will be granted only in the most exceptional circumstances. **Assessment:** Information will be provided at the first class meeting.

*NB: Intermediate-stream students are warned to take this unit of study at the same time as CHNS 2201, as they will probably not be allowed to take it later.*

An introduction to Business Chinese for students with sound intermediate knowledge of Modern Standard Chinese. Basic training in handling business correspondence in Chinese, reading relevant documents (eg, promotional and simple legal materials) and conducting routine business discussions.

**Textbooks**

Zhang Taiping. *Guoji shangwu Hanyu jiaocheng* (International business Chinese course). Beijing: Beijing Daxue chubanshe, 2000.

#### CHNS 3422 Chinese for Business Purposes (2)

4 credit points. Dr Fu. **Semester:** 2. **Classes:** Two hours per week. **Assumed knowledge:** Sound intermediate to advanced knowledge of Modern Standard Chinese. **Prerequisite:** CHNS 3421. **Corequisite:** CHNS 3104 or CHNS 2202. **Prohibition:** Not open to students in the native speaker stream. Students who have already taken CHNS 2202 may not enrol without special permission, which will be granted only in the most exceptional circumstances. **Assessment:** Information will be provided at the first class meeting.

*NB: Intermediate-stream students are warned to take this unit of study at the same time as CHNS 2202, as they will probably not be allowed to take it later.*

Continuation of Chinese for Business Purposes (1). Students will continue their advanced study of Modern Standard Chinese as used in business contexts, and will enhance their proficiency through business-oriented language activities.

**Textbooks**

Zhang Taiping. *Guoji shangwu Hanyu jiaocheng*. (International business Chinese course). Beijing: Beijing Daxue chubanshe, 2000.

#### CHNS 3431 Chinese Language, Literature & Culture 1

4 credit points. Dr Wang. **Semester:** 1. **Classes:** Two hours per week. **Assumed knowledge:** Sound intermediate knowledge of Modern Standard Chinese, including full mastery of about 1,000 characters. **Prerequisite:** CHNS 1202. **Corequisite:** CHNS 2201. **Prohibition:** Not open to native-speaker-stream students. Students who have already taken CHNS 2202 may not enrol without special permission, which will be granted only in the most exceptional circumstances. **Assessment:** Information will be provided at the first class meeting.

*NB: Essential for prospective Honours students in this stream. Intermediate-stream students are warned to take this unit of study at the same time as CHNS 2201, as they will probably not be allowed to take it later.*

Students will enrich their knowledge of both the Chinese language and modern Chinese culture and society by studying selected literary texts (eg, pdems7shoS"st6riel)"doth"ei"arBsti'c works (eg, films) that reflect the concerns of Chinese people in the modern world.

**Textbooks**

Consult department.

#### CHNS 3432 Chinese Language, Literature & Culture 2

4 credit points. Mr Keenan. **Semester:** 2. **Classes:** Two hours per week. **Assumed knowledge:** Sound intermediate to advanced knowledge of Modern Standard Chinese. **Prerequisite:** CHNS 2201. **Corequisite:** CHNS 2202. **Prohibition:** Not open to native-speaker-stream students. Students who have already taken CHNS 2202 may not enrol without special permission, which will be granted only in the most exceptional circumstances. **Assessment:** Information will be provided at the first class meeting.

*NB: Essential for prospective Honours students in this stream. Intermediate-stream students are warned to take this unit of study at the same time as CHNS 2202, as they will probably not be allowed to take it later.*

Continuation of CHNS 3431, with more challenging content. Although it is highly desirable to complete CHNS 3431 before undertaking this unit of study, it is not essential.

**Textbooks**

Consult department.

#### CHNS 3441 Classical Chinese Poetry

4 credit points. Dr Chan. **Semester:** 2. **Classes:** Two hours per week. **Assumed knowledge:** Sound basic knowledge of Classical Chinese. **Prerequisite:** CHNS 2112 or CHNS 2212 or CHNS 2904. **Corequisite:** Non-background-speaker stream students majoring in Chinese Studies should ensure that they enrol in the appropriate core language unit of study (CHNS 3104). **Prohibition:** Not open to native-speaker-stream students. **Assessment:** Information will be provided at the first class meeting.

One of the leading achievements of Chinese culture has been a vast corpus of poetry, remarkable for its aesthetic qualities and for its political and cultural importance. In this unit of study, the development and distinctive features of classical poetry will be explored through a selection of representative poems.

#### CHNS 3531 Fiction and Urban Culture in Ming China

8 credit points. Dr Lee. **Semester:** 1. **Classes:** Three hours per week. **Assumed knowledge:** Advanced or native-speaker proficiency in reading Chinese. **Prerequisite:** CHNS 1302 or CHNS 1314; or CHNS 2202; or CHNS 3104 (or CHNS 3102) plus instructor's permission. **Assessment:** Information will be provided at the first class meeting. What does it mean to say that literature reflects life? The vernacular short stories of Ming China are often said to represent the values and lifestyle of the people of vibrant commercial cities. Does this mean that these stories can be used as documents for cultural and social history? If so, how? Why were these stories popular? How did the authors entertain their readers? Students will explore sample Ming short stories in the light of such questions.

**Textbooks**

Reader available from the University Copy Centre.

#### CHNS 3536 Chinese Fiction after Mao

8 credit points. Dr Wang. **Semester:** 2. **Classes:** Three hours per week. **Assumed knowledge:** Advanced or native-speaker proficiency in reading Chinese. **Prerequisite:** CHNS 1302 or 1314; or CHNS 2202; CHNS 3104 (or CHNS 3102) plus instructor's permission. **Assessment:** Information will be provided at the first class meeting. Chinese fiction of the 1980s and after reflects spectacular changes in PRC ideology and culture, and shows sharp discrepancies with 'official' - state-sanctioned - representations of Chinese realities. Through primary and secondary readings in Chinese and English, students will examine forms and functions of such fiction in its historical context. Close reading of representative works will enable them to enhance their linguistic and analytical skills while tackling sophisticated, challenging literary texts.

**Textbooks**

Reader available from the University Copy Centre.

#### CHNS 3541 Classical Chinese Poetry (Advanced)

8 credit points. Dr Chan. **Semester:** 2. **Classes:** Three hours per week. **Assumed knowledge:** Good grounding in Classical Chinese. **Prerequisite:** CHNS 1312 or CHNS 1314; or Distinction in CHNS 2112 and permission of instructor; or Distinction in CHNS 2212 and permission of instructor. **Assessment:** Information will be provided at the first class meeting.

One of the leading achievements of Chinese culture has been a vast corpus of poetry, remarkable for its aesthetic qualities and for its political and cultural importance. In this unit of study, the development and distinctive features of classical poetry will be explored through a selection of poems representing various genres and periods. One or two genres/periods may be studied in greater depth, such as the ancient, richly beautiful Chu ci, the poetry of the great Tang masters, or the innovative ci of the Song dynasty.

#### CHNS 3561 Readings in Chinese Historiography (Adv)

8 credit points. Dr Herforth. **Semester:** 1. **Classes:** Three hours per week. **Assumed knowledge:** Good grounding in Classical Chinese. **Prerequisite:** CHNS 1312 or CHNS 1314; or Distinction in CHNS 2112 and permission of instructor; or Distinction in CHNS 2212 and permission of instructor. **Assessment:** Information will be provided at the first class meeting.

In China, the correct recording of history has long been believed to be of great political and moral significance. However, history written from a moralistic viewpoint is not always dull history. Students will critically examine samples of writing by one or more premodern Chinese historians (eg, Sima Qian, the anonymous authors of pre-Qin historical texts, the Song-dynasty scholar Sima Guang). A thematic or case-study approach may be adopted, and reading of relevant secondary materials will be expected.

#### CHNS 3901 Chinese Research Case-Study

4 credit points. Professor Dunstan. **Semester: 1. Classes:** Two hours per week. **Assumed knowledge:** Students will be expected to read materials in relatively straightforward Classical Chinese. **Prerequisite:** Credit result in CHNS 2102 (or in CHNS 3102 or CHNS 3104) and in CHNS 2112 or CHNS 2904; or credit result in CHNS 2202 and in CHNS 2212 or CHNS 2904; or credit result in CHNS 1312 or CHNS 1314 and in at least two units of study with the prefix CHNS 35XX (approved China-related options offered or cross-listed in the Asian Studies program may be substituted). **Corequisite:** Students should check the prerequisites for enrolment in the Honours program for students in their stream and enrol accordingly. **Assessment:** Information will be provided at the first class meeting.

This unit of study, which will involve extensive use of Chinese-language materials, will focus on a specified topic and build a simulated research project around it. Students will gain insight into research methods and enhanced bibliographical skills.

##### Textbooks

Shen Fu. *Six Records of a Floating Life*. Trans. Leonard Pratt and Chiang Su-hui. Harmondsworth: Penguin Books, 1983.

Set of reading materials in Chinese and English available from University Copy Centre.

#### CHNS 3902 Preparation for the Honours Thesis

4 credit points. Professor Dunstan. **Semester: 2. Classes:** Weekly seminar attendance; may be taught jointly with similar units of study in Japanese, Korean and Southeast Asian studies. **Assumed knowledge:** Advanced reading proficiency in Chinese and English combined with basic humanistic research skills and the ability to think critically and write analytically. **Prerequisite:** Credit result in CHNS 3901 and (if applicable) at least one other unit of study for the Chinese Studies major taken simultaneously. **Corequisite:** Students should check the prerequisites for enrolment in the Honours program for students in their stream and enrol accordingly. **Assessment:** Attendance and participation 20%; research proposal 60% to 80%; other tasks as negotiated up to 20%. **NB: Permission required for enrolment.**

Broad background reading in English and Chinese in preparation for the Honours thesis. Each week students will attend either a departmental research seminar or a special seminar convened by the unit of study coordinator. Each student will write a preliminary research proposal of an agreed length in the range 2,000 to 3,000 words.

#### CHNS 4011 Chinese Honours A

12 credit points. Dr Herforth, Dr Wang and Professor Dunstan. **Semester: 1,2. Prerequisite:** Credit result in CHNS 3902 and (if applicable) at least one other unit of study for the Chinese Studies major taken simultaneously; minimum of 48 senior CHNS or applicable senior ASNS credit points including CHNS 3902 and at least 16 senior credit points of Classical Chinese studies (in the case of students in the non-background-speaker stream, 64 senior CHNS credit points are strongly recommended while the minimum is 56). The senior credit points should be selected according to the guidelines for the major in the stream in question (see ch. 3 above) and with at least a Credit average. **NB: Permission required for enrolment.**

The program comprises four coursework components plus the Honours thesis, as described below. It is intended that in 2002, the standard coursework components will be in Chinese thought, literature and history. However, individual students may, where feasible, negotiate substitute arrangements with the chair of the department in accordance with their own intellectual interests. Readings in Japanese Sinology (described below) represents one possible substitution; it is not required of all students.

In the event of tiny enrolment, the department may teach one or more of the coursework units of study as one-hour/week tutorials.

##### Semester 1 program

##### *Expression and Repression in Premodern China*

This component examines the relationship between Confucian state ideology and the free expression of ideas in traditional Chinese political culture. The practice of formal protest at court and its idealisation in early intellectual heroes such as Qu Yuan is traced and compared with several later and better-documented cases of protest and censorship. Attention is given both to the state's repressive mechanisms and to philosophical aspects of the Confucian predicament.

##### *Notions of the Self in Modern China*

An examination of the ways in which notions of the self and the individual were 'modernised' between the 1890s and the 1930s, of the ways in which interventions from the realm of politics later came close to annihilating such ideas, and of related aspects of intellectual change in the context of China's tumultuous twentieth-century history. Selected writings by Chinese intellectuals and literary figures will be studied in the original Chinese.

##### Semester 2 program

##### *The City in Chinese Film and Fiction*

What images come to mind when one thinks of Chinese cities? What kinds of urban space have Chinese people shaped? How have Chinese ideas of the city changed with time and varied between regions? How do conceptions of the city feature in Chinese people's understanding of their national and regional identities? Contemporary approaches in literary and film studies will be applied to an exploration of these questions through study of representations of the city in Chinese film and fiction.

##### *The Late Imperial Chinese State Examined*

Negative images of the imperial Chinese state are abundant and persistent. It allegedly suppressed dissent, was obsessed with control, strangled commerce, and preferred 'the rule of virtue' to 'the rule of law.' Are these criticisms fair? Do they go to the heart of the matter? We shall use both innovative English-language scholarship and Chinese-language government documents from the Ming-Qing era (1368-1911) to try to formulate a balanced answer to the question: what was wrong with the late imperial Chinese state?

##### *Readings in Japanese Sinology (optional substitute unit)*

Supervised reading of Japanese-language scholarship in an area of Chinese Studies that is of interest to the student. This unit of study may be taken only if appropriate supervision is available, and would be a substitute for one of the other coursework components in the Honours program. **Assumed knowledge:** ability to read Japanese-language materials fluently and to cope with quoted material in Chinese (including Classical Chinese if applicable). **Assessment:** Written report(s) on/review(s) of the scholarship read. The reports/reviews will be written in English.

##### *Chinese Studies Honours Thesis (year-long project)*

Research and writing, over two semesters, of a thesis of 12,000 to 16,000 words on an approved topic in Chinese Studies. If a substantial proportion of the thesis is to consist of translation, the written approval of the chair of the department must be obtained in advance. Normally, not more than one third of a thesis may comprise translation. The thesis counts for one third of the final Honours mark.

#### CHNS 4012 Chinese Honours B

12 credit points. **Semester: 1,2. Prerequisite:** See under CHNS 4011. See under CHNS 4011.

#### CHNS 4013 Chinese Honours C

12 credit points. **Semester: 1, 2. Prerequisite:** See under CHNS 4011. **NB: Permission required for enrolment.** See under CHNS 4011.

#### CHNS 4014 Chinese Honours D

12 credit points. **Semester: 1, 2. Prerequisite:** See under CHNS 4011. **NB: Permission required for enrolment.** See under CHNS 4011.

## ■ CLCV

#### CLCV 1001 Classical Mythology

6 credit points. Dr Watson, Dr MacAlister. **Semester: 1. Classes:** 2 lec & 1 tut/wk. **Assessment:** one 2000w essay, one 1000w written assignment, one project 1000 words, attendance and participation.

This is the junior level Classical Civilisation core unit of study. In the context of a survey of the development of myth in Greece and Rome, the unit of study examines the individual myths paying attention to their diffusion in space and time. The unit of study is not simply descriptive but looks at the relationship between myth and the culture that produced it; for example, it explores the nature of myth, its relationship with ritual and folktale, the ways in which Greek and Roman literature made use of myth. Some attention is paid to modern theory of myth as well as key modern interpretations of particular myths.

##### Textbooks

(recommended for purchase)

G.S. Kirk *The Nature of Greek Myths* (Penguin)

H.J. Rose *A Handbook of Greek Mythology* (Methuen)  
Course booklet (available from the University Copy Centre).

### CLCV1003 Image and Myth

6 credit points. Dr MacAlister, Dr Beaumont. Semester: 2. Classes: two lect & one tut/wk. Prerequisite: CLCV 1001 or ARCL1001 or ARHT 1001. Assessment: one visual test, one 2000w essay, one 1000w assignment, attendance and participation.

This unit of study is taught by members of the departments of Classics and Classical Archaeology. It considers ways in which ancient myths can be understood through the processes of inscription, recording, storage and transmission and how these processes have operated within and across the ancient cultures of the Graeco-Roman world and beyond, as well as how they have operated in the western disciplinary traditions. The aim is to approach the cultural significance of myths over time as they are inscribed and recorded on pots and other art media and in various forms of written evidence and, through all this, to consider processes of cultural control and power and the ways in which 're-interpretation' of inscription and recording arises across different cultural groups. Important links are made between the separate disciplines of Classics and Archaeology, and between the textual and visual critical approaches to the ancient Graeco-Roman worlds.

#### Textbooks

H J Rose. *A Handbook of Greek Mythology* (Methuen).  
H A Shapiro. *Myth into Art: Poet and Painter in Classical Greece* (Routledge).

### CLCV 2304 The Disempowered in Greco-Roman Society

8 credit points. Dr Watson. Semester: 2. Classes: 2 hrs/wk. Tutorial 1 hr/wk. Prerequisite: 12 Junior credit points in Ancient History (ANHS 1003/1004) or Archaeology (ARCL 1001) or Latin (LATN 1001/1002/1101/1102) or Ancient Greek (GRKA1001/1002/1101/1102) or Classical Civilisation (CLCV 1001/1003). Assessment: 1000 word tutorial paper, 2000 word essay, 3000 word take home exam.

This unit focuses on persons standing outside the governing elite: women, children, slaves/freedmen, the physically abnormal, resident aliens. It concentrates on Rome in the 1st and 2nd centuries AD. Extensive use is made of recent research in areas such as sexuality, women, gender differences, slavery, the family and the cultural role of the Baths and the Arena. Source material is drawn from a wide range of literary texts, inscriptions and legal writings.

## ■ CLSS

### CLSS 4011 Classics Honours A

12 credit points. Semester: 1,2. Classes: 4 lectures/wk. Prerequisite: Credit results in GRKA 3904 and LATN 3904. Assessment: Thesis and two 3hr exams.

*NB: Permission required for enrolment.*

The unit of study will comprise such parts of Fourth-Year studies in Greek and Latin as may be approved by the Faculty on the recommendation of the School in each individual case.

### CLSS 4012 Classics Honours B

12 credit points. Semester: 1,2.  
Refer to CLSS 4011

### CLSS 4013 Classics Honours C

12 credit points. Semester: 1,2.  
Refer to CLSS 4011

### CLSS 4014 Classics Honours D

12 credit points. Semester: 1,2.  
Refer to CLSS 4011

## ■ ENGL

### ENGL 1005 Language and Image

6 credit points. Dr Williams. Semester: 1,2. Classes: 1 one-hour lecture & 1 two-hour seminar. Prerequisite: ENGL 1050. Assessment: 1500 word essay, 1000 assignment, oral presentation and 1 hour exam. In this unit you will study the construction of texts in different media, of language and image, using Michael Ondaatje's novel 'The English Patient', and the film of the novel, as a particular focus. A range of other literary, academic and media texts will be considered. You will learn to analyse some methods of constructing meaning in language and images, taught in small-group workshops. This detailed textual work will assist you to improve your own academic writing. You will also be introduced, in lectures, to more descriptive topics, such as social shifts in

relations between language and image and in the cultural practices which were associated with them, such as narrative organisation, categories of text, and social agency and power in the production of text.

#### Textbooks

A Resource Book will be available from the University Copy Centre. An anthology of Australian short stories will be specified.

### ENGL 1010 Colonial and Post-Colonial Texts

6 credit points. Dr van Toorn. Semester: 1. Classes: 2 one-hour lectures & 1 one-hour tutorial. Assessment: 1000 word essay, 1500 word essay, oral presentation, tutorial performance and 1.5 hour exam.

This unit explores a variety of written, oral, and filmic texts from diverse cultures, and develops a sense of the main issues and concepts around which critical and theoretical debates have been organised in the field of postcolonial studies. The unit is made up of three modules:

- (1) Texts and Territories - examines some of the main textual means through which 'settler' societies in Australia, Canada and Aotearoa/New Zealand positioned themselves in relation to lands they perceived as alien, and peoples they perceived as foreign.
- (2) Inter-cultural Textual Practices - provides knowledge and reading skills relevant to a range of culturally hybrid texts through which Indigenous peoples in Australia, North America and Aotearoa/New Zealand have articulated their experiences of colonialism and its present-day ramifications.
- (3) Developing Nations & Diasporas - focuses on the question of 'independence' in developing nations in Africa, South Asia, and the Caribbean, as well as the diasporic communities who have, physically at least, left their homelands behind.

#### Textbooks

Malouf, *An Imaginary Life*  
Lucashenko, *Steam Pigs*  
Roy, *The God of Small Things*

A Resource Book containing information for students and additional reading material for use in lectures and tutorials will be available at the University Copy Centre.

### ENGL 1015 Inventing Modernity

6 credit points. Dr Marks. Semester: 1. Classes: 2 one-hour lectures & 1 one-hour tutorial. Assessment: 1000 word essay, 1500 word essay, oral presentation, tutorial performance and 1.5 hr exam.

What factors and features make our world distinctively Modern? This unit presents a coherent view of literary, cultural and social developments from the eighteenth century to the present day, using the umbrella term 'Modernity' as a unifying concept. Students will explore a variety of texts which investigate and represent key aspects of the developing Modern experience, incorporating such topics as individual identity, mass culture, nature, the city, gender, the Gothic, and the relationship between texts and other media.

#### Textbooks

The Norton Anthology of English Literature (7th edn) Volume 2

### ENGL 1020 Literary Mythologies

6 credit points. Associate Professor Fulton. Semester: 2. Classes: 2 one-hour lectures & 1 one-hour tutorial. Assessment: 2000 word essay, 1000 word assignment, oral presentation, tutorial performance and 1 hour exam.

According to Roland Barthes, 'mythologies' are the stories which societies tell about themselves. Through a study of some early poetry and drama in English we can begin to construct the kinds of 'mythologies' by which early English society defined itself, in particular the negotiations between individual behaviour and the social order. In this unit you will also acquire transferable skills of reading and analysis, using a set of critical terms such as intertextuality, denotation and connotation, and point of view.

#### Textbooks

Marlowe. *Dr Faustus*  
Shakespeare. *Much ado About Nothing*  
Course reader available from University Copy Centre

### ENGL 2000 Anglo-Saxon Norse and Celtic Studies

8 credit points. Professor Clunies Ross (Coordinator), Mr Jones, Associate Professor Fulton. Semester: 1. Classes: Two 1 hour lectures and one 1 hour tutorial. Prerequisite: 12 Junior credit points of English including ENGL 1001 and excluding ENGL 1050. Assessment: One 3000 word essay, one assignment and one 2 hour examination. This unit of study gives students the opportunity to study three closely related cultures of North-West Europe from the Early Middle Ages. These are: the cultures of the Anglo-Saxons who migrated to England from Northern Europe; the Norse (or Scandinavians), who had a major impact on the rest of Europe in

the Viking Age; and the Celtic peoples of Continental Europe and the British Isles (the Irish and the Welsh will be our focus here).

Two lecture hours per week will discuss the history of the Anglo-Saxons, the Celts and the Norse; their writing systems (including ogham and runes), the extent of the written corpus of all three cultures; society and the law; and the character of Anglo-Saxon, Norse and Celtic literatures studied in translation.

The third hour will be a tutorial. Each student will choose to study one of the following four languages at elementary level: Old English (Anglo-Saxon); Old Norse (Old Icelandic); Middle Welsh and Old Irish. Students' understanding of the language strand will be examined at the end of semester.

Students not otherwise qualified to enrol in Special Entry units, but who wish to continue their study of the language they have chosen in this unit of study, and have obtained a Credit or better in Anglo-Saxon, Norse and Celtic Studies, may apply to the Professor of English Language and Early English Literature for permission to take one of the related Special Entry options in Semester H

#### Textbooks

Michael Baynes. *A New Introduction to Old Norse Pt 1 Grammar* (University College London, 1999). Available from Department.  
 Preben Meulengracht Sorensen. *Saga and Society. An Introduction to Old Norse Literature* (Odense U.P., 1993)  
 Nora Chadwick. *The Celts* (Penguin, 1970)  
 John Strachan. *Old Irish Paradigms and Selections from the Old Irish Glosses* (Royal Irish Academy, Dublin)  
 Reading Old English: An Introduction (Available from Department)  
 Malcolm Godden & Michael Lapidge, eds., *The Cambridge Companion to Old English Literature* (Cambridge U.P., 1991)

#### ENGL 2002 American Claims

8 credit points. Dr Gardiner. **Semester:** 1. **Classes:** One 2 hour seminar and one 1 hour lecture per week. **Prerequisite:** 12 Junior credit points of English including ENGL 1001 and excluding ENGL 1050. **Assessment:** Two 1500 word essays and one 3000 word essay.

A comparison of the tribal, folkloric and literary genres and themes through which peoples lay claim to lands in the Americas and declare themselves peculiarly American. Special interests will include:

- (1) regions: Mexico, the Spanish Main; New France, New England, New York; the South, the Caribbean; the Southwest and the Rocky Mountains
- (2) themes and motifs: hummingbirds, forests, crops; angels, evil eyes; travel, settlement; miscegenation; conquest, revolt, civil war
- (3) peoples: the Mexica, Maya, Iroquois, Pueblo, Navajo; Anglo-Americans; African-Americans, Haitians
- (4) literary genres and performance practices: poems, songs; Scriptures; treaties, genealogies; congressional and healing ceremonies; slave narratives, frontier tales; town chronicles, neighbourhood idylls; thrillers.

#### Textbooks

John Bierhorst, ed. *Four Masterworks of American Indian Literature* (1974) [for the Iroquois Ritual of Condolence and the Navajo Night Chant]

James Fenimore Cooper. *The Deerslayer* (1841)

Walt Whitman. *Leaves of Grass* (1855-1888)

Herman Melville, *Benito Cereno* (1856)

Harriet Jacobs. *Incidents in the Life of a Slave Girl* (1861)

Jean Toomer. *Cane* (1923)

William Carlos Williams. *Paterson* (1946-1958)

Toni Morrison. *Sula* (1973)

Leslie Marmon Silko. *Ceremony* (1977)

#### ENGL 2003 American Poetry and Prose 1880-1950

8 credit points. Dr Anderson, Dr Kelly. **Semester:** 1. **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prerequisite:** 12 Junior credit points of English including ENGL 1001 and excluding ENGL 1050.

**Assessment:** One 2500 word essay, one 2 hr examination and one in-class presentation or equivalent.

A study of representative works from a selection of major American writers from the late 19th and early 20th centuries. While the focus will fall on textual analysis the unit will also be concerned with: Modernism and the nature of cultural modernity; realism, naturalism, and experimentalism in American letters; and the relation between text and historical context.

#### Textbooks

Twain. *The Adventures of Huckleberry Finn*\*

James. *The Portrait of a Lady*

Cather. *My Antonia*\*

Stein. *Three Lives*

Hemingway. *The Sun Also Rises*

Fitzgerald. *The Great Gatsby*

Faulkner. *As I Lay Dying*\*

Moore selected poems\*

O'Hara selected poems\*

Stevens selected poems\*

(\* Appears in *The Norton Anthology of American Literature*, 5th edition, Volume 2.)

#### ENGL 2007 Drama: Classical to Renaissance

8 credit points. Dr Miller, Dr Rogerson. **Semester:** 2. **Classes:** Two 1 hour lectures and one 1 hour tutorial. **Prerequisite:** 12 Junior credit points of English including ENGL 1001 and excluding ENGL 1050. **Assessment:** One 3000 word essay and one 2 hour examination.

A survey of English Drama to the early seventeenth century. Texts include examples of Greek tragedy and Roman comedy that were influential in shaping Renaissance drama. They also include a variety of medieval genres—farce, mystery play, morality play—that likewise contributed to Renaissance drama. Renaissance texts include religious drama, history, farcical comedy, and high tragedy. Attention will be given to: the varying physical and social conditions of the theatre; the way Renaissance drama rewrites ancient and medieval modes, while introducing its own innovations; the combination of theatricality with poetry and rhetoric; film versions of selected texts.

#### Textbooks

D. Grene and R. Lattimore (ed.). *Greek Tragedies I* (Chicago)

Plautus. *Four Comedies* (World's Classics)

Marlowe. *Complete Plays* [Everyman]

Shakespeare. *The Taming of the Shrew, The Two Gentlemen of Verona,*

*The Comedy of Errors, Richard III, Hamlet, King Lear* (in the Norton Shakespeare)

A course reader containing Everyman and other medieval texts.

#### ENGL 2010 Grammar and Discourse

8 credit points. Dr Williams, Associate Professor Martin. **Semester:** 1. **Classes:** Three 1 hr lectures and a 1 hr tutorial. **Prerequisite:** 12 Junior credit points of English including ENGL 1001 and excluding ENGL 1050. **Prohibition:** LNGS 2003. **Assessment:** One 3000 word essay and other written work to 3000 words.

This unit is co-taught with LNGS 2003. It is an exploration of relations between grammar, meaning and use of language in social life. The orientation is to grammar as a conceptual 'tool' for studying meaning effects in various registers of English. The unit provides a comprehensive introduction to using grammatical analysis in discourse research across experiential, interpersonal and textual systems. Students with no prior experience of English grammatical descriptions should consider taking ENGL 2047.

#### Textbooks

J.R. Martin, C.M.I.M. Matthiessen and C. Painter. *Working with Functional Grammar* (London: Edward Arnold)

#### ENGL 2011 Jane Austen and Her Contemporaries

8 credit points. Associate Professor Coleman (Coordinator); Associate Professor Gay; Dr Christie. **Semester:** 2. **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prerequisite:** 12 Junior credit points of English including ENGL 1001 and excluding ENGL 1050. **Assessment:** One in-class exercise, one 2000 word essay and one 2 hour examination.

This unit studies the formative influences on Austen as a novelist by tracking some of her reading in 18th-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 18th-century debates about slavery; class, gender, and generational conflict.

#### Textbooks

Fanny Burney. *Evelina* (Norton Critical Edition)

Elizabeth Inchbald. *A Simple Story* (World's Classics)

Ann Radcliffe. *Romance of the Forest* (World's Classics)

Mary Wollstonecraft. *The Wrongs of Woman: or Maria* (Penguin)

Jane Austen. *Northanger Abbey*, ed. Butler. (Penguin)

Jane Austen. *Mansfield Park* (Norton Critical Edition)

Jane Austen. *Emma* (Norton Critical Edition).....

Jane Austen. *Persuasion*. (Norton Critical Edition)

Resource Book (available from the University Copy Centre).

#### ENGL 2013 Literature and Politics

8 credit points. Dr Petch, Mr Brooks. **Semester:** 2. **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prerequisite:** 12 Junior credit points of English including ENGL 1001 and excluding ENGL 1050.

**Assessment:** One in-class exercise, one 2500 word essay and one 2 hour examination.

This unit will explore the relation between literary production and its political context in two periods of historical crisis, 1500-1660 and 1848-1867. For 1500-1660, topics include: the poetry of private experience and public affairs; the uses of history for contemporary self-definition; the contradictions of authority and resistance; representations of sexuality and gender. For 1848-

1867, topics include: individualism and authority; history and revolution; work and gender. While noting the differences between the periods, the unit will attempt to discover common features across the periods concerning the relationship between literature and politics.

#### Textbooks

Shakespeare. Macbeth

Shakespeare. Antony and Cleopatra

Webster, The White Devil in G. Salgado (ed.). Three Jacobean Tragedies (Penguin)

Jonson. The Alchemist in Five Plays, ed. G.A Wilkes (World's Classics)

Gaskell, Mary Barton [World's Classics]

Trollope, Barchester Towers [World's Classics]

Dickens, A Tale of Two Cities [Penguin]

Mill, On Liberty and Other Essays [World's Classics]

Renaissance and nineteenth century poetry from the Norton Anthology, as selected.

There will be a Course Reader of additional nineteenth century material.

#### ENGL 2019 Semiotics Narrative and the Subject

8 credit points. Associate Professor Huisman (Coordinator). **Semester:** 2. **Classes:** Two 1 hour lectures and one 1 hour tutorial per week.

**Prerequisite:** 12 Junior credit points of English including ENGL 1001 and excluding ENGL 1050. **Prohibition:** SMTC 2001, SMTC 2002.

**Assessment:** Two 3000 word essays.

Semiology/ semiotics is the study of semiosis, or processes of meaning-making. This unit particularly focuses on studies of the relation between subjectivity and objectivity; students will be introduced to relevant aspects of various semiotic, linguistic and social theories and will be given the opportunity to consider different contemporary social practices in the light of those theories.

The unit begins with an historical overview of the development of the European tradition of 'semiology' and 'structuralism' and its later post-structuralist critique, a subject-matter which has been incorporated into contemporary literary studies. It then introduces the work of the American Charles Sanders Peirce, whose 'semiotics' takes a quite different approach from the European tradition and is relevant to many fields of study involving communication.

The unit then considers some of the specific means of semiosis in discourse (as discourse is differently understood in linguistic and social theory). In particular, it considers the semiotic role of language in the construction of the social world, 'reality', through narrative and metaphor.

#### Textbooks

Course Reader

#### ENGL 2023 Twentieth Century English Literature

8 credit points. Dr Spurr (Coordinator), Dr Anderson, Dr Marks.

**Semester:** 1, Summer. **Classes:** Two 1 hour lectures and one 1 hour tutorial per week. **Prerequisite:** 12 Junior credit points of English including ENGL 1001 and excluding ENGL 1050. **Assessment:** One in-class exercise, one 2500 word essay and one 2 hour examination.

This unit explores the work of some representative 20th century writers during the period 1900-1945. Topics to be discussed will include: culture and industrialisation; European and transatlantic connections; politics; wars and their aftermath; art and society; representations by and of women; and God, gods and godlessness. The unit will investigate both the common preoccupations of various writers and the historical developments and events which shaped and were shaped by them.

#### Textbooks

Djuna Barnes. Nightwood [Faber]

William Faulkner. The Sound and the Fury [Penguin]

Henry Green. Partygoing [Vintage]

James Joyce. Ulysses [World's Classics]

George Orwell. The Road to Wigan Pier [Penguin]

Virginia Woolf. A Room of One's Own [World's Classics]

The Norton Anthology of poetry (4th edn.) [for W.B. Yeats, the Georgian poets and T.S. Eliot]

#### ENGL 2033 Childhood Cultures-Learning Ways to Mean

8 credit points. Dr Williams, Dr Gardiner. **Semester:** 2. **Classes:** One 1 hour lecture and one 2 hour seminar. **Prerequisite:** 12 Junior credit points of English including ENGL 1001 and excluding ENGL 1050.

**Assessment:** Two 1500 word essays and one 3000-3500 word essay. How do children first learn how to mean through language? What functions do the very first uses of language have at the beginning of infancy? Is the human infant's language learning capacity qualitatively different from the meaning-making capacities of apes? How does reading and writing affect children's entry to socio-cultural practices? How might physiological development, including brain development, be affected by language learning?

How are images of physiological development related to other disciplinary images of childhood? What literary images of childhood were written as consciousness of childhood changed through the industrial and social revolutions of the nineteenth century, and how are they related to some dominant images in the early 21st century? How does play with, and through, language affect development of meta-awareness of language? These questions will be explored through literary texts and empirical research on children's linguistic and literary development.

#### Textbooks

A unit Reader will be available from the University Copy Centre. It will include a selection of theoretical and empirical studies of childhood, a selection of poetry and of fantastic and realist fiction over the last two centuries.

William Blake Songs of Innocence and Experience (coloured illustrations edition)

Lewis Carroll Alice's Adventures in Wonderland and Through the Looking Glass (illus. Tenniel)

James Joyce Portrait of the Artist as a Young Man

Toni Morrison The Bluest Eye

#### ENGL 2044 Narrative and Media Studies

8 credit points. Associate Professor Fulton. **Semester:** 2. **Classes:** 2 lectures and 1 tutorial per week. **Prerequisite:** 12 Junior credit points of English including ENGL 1001 and excluding ENGL 1050. **Assessment:** One in-class test (= 1,000 words), one 3,000 word essay and one 2 hr examination.

In this unit students will be introduced to theories of narrative and media and will have the opportunity to theorise their own readings of narrative across a range of genres including news and current affairs reporting for television and for print media, TV serials, TV-series, and the feature film. A particular focus of the unit will be on generic conventions and their transformations in different reading and viewing contexts. The aim of the unit is to enable students to assess critically the usefulness of different theories of narrative including structuralist and post-structuralist narratology in relation to media and film texts.

#### Textbooks

Nick Lacey. Narrative and Genre [Macmillan]

Course Reader [available from University Copy Centre]

#### ENGL 2045 Image, Text, Manuscript

8 credit points. Associate Professor Fulton. **Semester:** 2. **Classes:** 1 hour lecture and 2 hour seminar. **Prerequisite:** 12 junior credit points of English including ENGL 1001 and excluding ENGL 1050. **Assessment:** 2500 word essay, seminar attendance, performance and presentation and 2 hour exam.

In a manuscript culture, visual image is at least as important as verbal text. The rise of computer-generated multimodal texts, using image, text and sometimes sound as well, has repositioned visual image as a central element in written texts. This unit will explore the links between the image and text in the manuscript culture of medieval Britain, using computer technology including web-sites and image-manipulation software to generate examples of contemporary text production and editing techniques.

#### Textbooks

See Department for texts to be studied

#### ENGL 2046<sup>A</sup>- Romantic Fictions

8 credit points. Associate Professor Penny Gay. **Semester:** 1. **Classes:** Two 1 hour lectures and one 1 hour tutorial. **Prerequisite:** 12 junior credit points of English including ENGL 1001 and excluding ENGL 1050. **Assessment:** One 2500 word essay, one 1.5 hour examination, tutorial presentation.

Though familiar and apparently transparent, the literary treatment of themes of love, courtship and marriage, which provide the focus of this unit, is by no means consistent and universal over time. Instead, writers of different periods theorise love and its rituals in a variety of ways. Beginning with 'courtly love' and its subversions, the unit studies the construction of 'romance' in genres such as lyric, fable, drama and novel, and introduces modes of representation including allegory, mimesis and bourgeois realism.

#### Textbooks

Laxdoela Saga (Penguin)

Shakespeare, Troilus and Cressida (Oxford Shakespeare, OUP)

J. Gantz, The Mabinogion (Penguin Classics)

Anne Bronte, The Tenant of Wildfell Hall

Margaret Atwood, The Blind Assassin

'Romantic Fictions' reader, available from University Copy Centre

**ENGL 2047 Texts, Grammar and Meaning**

8 credit points. Dr Williams. Semester: 1. Classes: One hour lecture & two hour seminar. Prerequisite: 12 Junior credit points of English including ENGL 1001 and excluding ENGL 1050. Prohibition: ENGL 2010, LINGS1005, LINGS 2002, LINGS 2003, ENGL 1005. Assessment: Two 1000 word assignments, 2000 word essay, 2 hour exam. Grammar is the most widely discussed aspect of language, but what a grammar actually is and what it might do is not often well-understood by the community at large. This unit introduces students to basic ideas about English grammar, how they have developed historically and how they might be used for practical tasks such as drafting, editing, teaching and text interpretation. No prior knowledge of grammar is assumed.

*Textbooks*

See Department for list of texts to be studied

**ENGL 2901 Special Studies in English 1**

4 credit points. Dr Christie (Coordinator). Semester: 1. Classes: 1 lecture per week and 1 tutorial per fortnight. Prerequisite: Credit or above in 12 Junior credit points of ENGL including ENGL 1001 and excluding ENGL 1050. Corequisite: ENGL 2902. Assessment: One 1500 word assignment and one 2000 word essay. This unit is the first of four units of study designed as preparation for entry into Fourth Year Honours and all students wishing to enter Fourth Year Honours must have gained credit results in these units. Provided students have the prerequisites, however, this particular unit may be taken without continuing on to Fourth Year Honours.

Together with ENGL 2902, this unit of study is designed to introduce students to different critical and cultural versions of a selection of well known texts from the medieval period to the present. The social and physical conditions in which these texts were produced and the changes and conflicts in their reception over time will be used to explore the different priorities and sensibilities prevailing in different historical periods and to investigate critical issues associated with our understanding and evaluation of literature.

*Textbooks*

Norton Anthology of Poetry, 4th edn.

Chaucer, *Love Visions*, translated by Brian Stone [Penguin Classics]

Shakespeare, *King Lear*, ed R.A. Foakes [Arden paperback edition]

Course Reader (available from the University Copy Centre)

**ENGL 2902 Special Studies in English 2**

4 credit points. Dr Christie (Coordinator). Semester: 2. Classes: 1 lecture per week and 1 tutorial per fortnight. Prerequisite: Credit or above in 12 Junior credit points of ENGL including ENGL 1001 and excluding ENGL 1050. Corequisite: ENGL 2901. Assessment: One 1500 word assignment and one 2000 word essay. This unit of study follows on from ENGL 2901 to consider texts from the eighteenth century to the present day, including a selection of Wordsworth's poetry and some Australian poems and short stories.

*Textbooks*

Norton Anthology of Poetry, 4th edn.

Defoe, *Robinson Crusoe* [Norton Critical Edition]

Coetzee, *Foe*

Course Reader [available from the University Copy Centre]

**ENGL 3901 Special Studies in Post-1500 Lit 1**

4 credit points. Dr Christie (Coordinator). Semester: 1. Classes: 1.5 hours per week (includes lectures and seminars). Prerequisite: Credit or above in 24 Senior credit points of ENGL including ENGL 2901 and ENGL 2902. Corequisite: ENGL 3902 or ENGL 3953 or ENGL 3954. See under English in chapter 3. Assessment: One 2000 word essay and one research assignment.

This unit of study taken with ENGL 3902 constitutes the prerequisite for entry into the Fourth Year Honours program in EngUsh Literature since 1500. Students whose primary interest is in English literature since 1500 but who wish to include some work in English language and Early English Literature may substitute ENGL 3902 with either ENGL 3953 or ENGL 3954. For further information on this point see chapter 3 of this handbook.

The aims of this unit of study are: to provide an overview of the history of the academic study of 'EngUsh'; to identify the parameters of the discipline of English Studies and in particular to consider concepts of canonicity; to give an account of the history of English criticism from the seventeenth century to the present and to establish skills in scholarly research procedures.

*Textbooks*

A resource book, obtainable at the University Copy Centre, will be provided.

**ENGL 3902 Special Studies in Post-1500 Lit 2**

4 credit points. Dr Christie (Coordinator). Semester: 2. Classes: 1.5 hours per week average, with lectures and smaller group discussion. Prerequisite: Credit or above in 24 Senior credit points of ENGL including ENGL 2901 and ENGL 2902. Corequisite: ENGL 3901. Assessment: 3500 words altogether.

This unit will explore ideas of modernity, as interpreted both at the time and in subsequent theory, in three historical periods: the early modern period; the 'long eighteenth century'; and the mid nineteenth to early twentieth century. The aim of the unit is to familiarise students intending to proceed to Fourth Year Honours in English with significant aesthetic, social and technological developments in these periods in order to broaden their understanding in a way that is designed to make their subsequent choices of specialization more informed. Ideas to be examined will include: the development of the individual 'subject'; changing conceptions of gender and of genre; the development of 'Renaissance humanism' and 'bourgeois individualism'; conceptions of the 'author' and of the reading public; the development of print and other media; the development of 'the public sphere'; the rise of mass communication; nineteenth-century critiques of modernity; the origins of 'modernist' and avant-garde experimentation.

*Textbooks*

A resource book, obtainable at the University Copy Centre, will be provided.

**ENGL 3951 Special Studies in English (ELEEL) 1**

8 credit points. Professor Clunies Ross (Coordinator). Semester: 1. Classes: One 1.5 hour seminar per week in each of two options chosen from the list below. Prerequisite: Credit or above in 24 Senior credit points of ENGL, including ENGL 2901 and ENGL 2902. Corequisite: (for students wishing to enter ELEEL Honours only) ENGL 3952 or either ENGL 3901 or ENGL 3902 or either ENGL 3953 or ENGL 3954 (See under English in chapter 3). Assessment: One 3500 word essay in each option or as determined by the lecturer concerned.

*Medieval Manuscript Culture*

Dr Rogerson (Coordinator), Professor Clunies Ross, Dr Speed.

Classes: One 1.5 hour seminar per week. Assessment:

Assignments.

This option is concerned with the primary documents recording the literary culture of England from the Anglo-Saxon period to the Early Modern period, and the processes of textual production before Caxton brought printing to England. Palaeographical and other skills acquired in this unit of study provide a valuable foundation for research in medieval studies. Materials will be available from the Department).

*Old English 1*

Mr Jones. Classes: One 1.5 hour seminar per week. Assessment: One essay and one exam.

This option aims to give students a basic knowledge of Old English, the language of the earliest written documents in EngUsh, and to study closely a small number of Old English texts. The approach will be through tutorial-type sessions rather than lectures.

Textbooks: *Reading Old EngUsh - An Introduction* (available from the Department)

PreUminary reading: M. Godden and M. Lapidge. *The Cambridge Companion to Old EngUsh Literature* (Cambridge, 1991).

*Old Icelandic 1*

Professor Clunies-Ross, Associate Professor Geraldine Barnes. Classes: One 1.5 hour seminar per week. Assessment: One essay and one 2 hour exam.

This option aims to give a basic grounding in medieval Icelandic language and literature. The study of grammar and texts in the original language will be conducted in tutorial-type classes.

Textbooks: E. V. Gordon. *An Introduction to Old Norse* 2nd edn. rev. A. R. Taylor (O.U.P., 1957 or repr.).

*Middle Welsh 1*

Associate Professor Fulton. Classes: One 1.5 hour seminar per week. Assessment: Class test and one 2 hour exam.

This option is for students who want access to Middle Welsh texts in the original language. The basic grammatical principles for reading and translating the language are taught. Some linguistic ability is assumed.

Textbooks: R.L. Thomson. *Pwyll Pendeuc Dyuet* (Dublin Institute, 1957). D. Simon Evans. *A Grammar of Middle Welsh* (Dublin, 1976).



*Old Irish 1*

Associate Professor Fulton. Classes: One 1.5 hour seminar per week. Assessment: Class test and one 2 hour exam.

This option is for students who want access to Old Irish texts in the original language. The basic grammatical principles for reading and translating the language are taught. Some linguistic ability is assumed.

Textbooks: R. Thurneysen (ed.) *Scela Mucce Meic Dathó* (Dublin Institute, 1969). J. Strachan *Paradigms and Glosses* (Royal Irish Academy, 1970).

*Reading Middle English*

Dr Speed (Coordinator), Dr Rogerson. Classes: One 1.5 hour seminar per week. Assessment: Assignments.

This option examines a range of English verse and prose from the thirteenth to the fifteenth century, produced in a variety of literary, social, and geographical contexts. The aim is to provide students with a sound basis for reading medieval English texts and recognising significant aspects of their composition and transmission. Accordingly, emphasis will be laid on equipping students to discuss Middle English language (vocabulary, grammar, phonology, writing practice) and to relate formal aspects of such texts to their cultural background. This unit of study complements the others in the group, especially Medieval Manuscript Culture and will be a particularly useful base for students working in Middle English literature and the history of the language (although it is not a prerequisite for any other unit of study).

Textbook: J. A. Burrow and Thorlac Turville-Petre. *A Book of Middle English* 2nd edn (Blackwell, 1995).

*Chaucer 1: Troilus & Criseyde*

Associate Professor Barnes, Dr Rogerson. Classes: One 1.5 hour seminar per week. Assessment: One 3000 word essay.

This option focuses on the intersecting modes of narrative (principally romance, tragedy, history) in Chaucer's completed masterpiece. It considers the poem as a self-referential work, preoccupied with questions of textual composition, authority, interpretation, manipulation, and publication.

Textbook: L.D.Benson (gen. ed.) *The Riverside Chaucer* (Oxford U.P., 1988).

*Medieval Drama 2*

Dr Rogerson. Classes: One 1.5 hour seminar per week. Assessment: One seminar paper and one 2000 word essay.

This option examines English theatre from the late fourteenth century to the mid sixteenth century. Religious and political plays will be considered in relation to the social and political contexts in which they were performed. Emphasis will be placed on performative as well as literary aspects of the plays and attention will be given to modern revivals of the medieval biblical plays as a vibrant form of community theatre.

Textbook: Greg Walker, ed., *Medieval Drama: An Anthology* (Blackwell, 2000).

*The Literature of History in Medieval Britain*

Dr Speed, Associate Professor Fulton, Mr Jones. Classes: One 1.5 hour seminar per week. Assessment: One 3000 word essay.

This option considers the literary traditions of Western historical writings as they developed in Britain and gave expression both to universal concerns and to the insular consciousness of nationality. Some attention will be given to Livy, Virgil and Ovid; Gildas, Nennius and Gregory of Tours; particular attention will be given to the three works listed below.

Textbooks: Bede, *A History of the English Church and People*, trans. L. Sherley-Price, rev. R.E. Latham (Penguin, 1968). Geoffrey of Monmouth, *The History of the Kings of Britain*, trans. L. Thorpe (Penguin, 1966).

Gerald of Wales, *The Journey through Wales*, trans. L. Thorpe (Penguin 1978)

Course Reader.

*English since 1066*

Mr Jones. Classes: One 1.5 hour seminar per week. Assessment: One 2500-3000 word essay.

In 1066 English was a confederation of dialects of almost wholly Germanic origin, most of them with no standard written form, and none of them easily accessible to a modern reader without special knowledge.

The ensuing thousand years have seen the absorption of influences from many different sources, creating a language far more heterogeneous in its origins, but far more homogeneous in its varieties. In this unit of study we will look at texts from the 12th century to the present day, and examine topics such as the

varieties of Middle English and of Modern English, grammatical and lexical change, and the creation of a standard language.

**ENGL 3952 Special Studies in English (EL&EEL) 2**

8 credit points. Professor Clunies Ross (Coordinator). Semester: 2. Classes: One 1.5 hour seminar per week in each of two options chosen from the list below. Prerequisite: Credit or above in 24 Senior credit points of ENGL, including ENGL 2901 and ENGL 2902. Corequisite: (for students wishing to enter ELEEL Honours only) ENGL 3951 or either ENGL 3901 or ENGL 3902 and either ENGL 3953 or ENGL 3954 (See under English in chapter 3). Assessment: One 3500 word essay in each option or as determined by the lecturer concerned.

Students who have passed ENGL 2000 Anglo Saxon, Norse and Celtic Studies with a credit or better may, with permission from the Department, continue their study of the language they have studied in ENGL 2000 in one of the options marked with an asterisk (\*).

*Medieval Studies & Literary Theory: A Discipline Examined*  
Professor Clunies Ross (Coordinator). Classes: One 1.5 hour seminar per week. Assessment: One 3000 word research project.

This option examines the history of the development of Old and Middle English Studies, and therefore of English Studies as a whole, as an academic discipline. It looks at the reasons why people studied the English language and its early literature (together with cognate fields like Old Norse), and the reasons for the slow acceptance of Modern English Literature into the academic curriculum. It looks also at the ways in which various theoretical positions, including literary theory, have influenced the study of Old, Middle and Modern English language and literature in the twentieth century and considers why many literary scholars think of medieval literature as marginal.

Recommended reading:

Allen J. Frantzen, *Desire for Origins. New Language, Old English, and Teaching the Tradition*. Rutgers University Press, 1990.

David Matthews. *The Making of Middle English, 1765-1910*. University of Minnesota Press, 1999.

David Matthews, *The Invention of Middle English. An Anthology of Primary Sources*. Brepols, 2000. t

Margaret Clunies Ross, *The Norse Muse in Britain, 1750-1820*. Hesperides, Edizioni Parnaso, Trieste, 1998.

*Old English 2\**

Mr Jones, Dr Huisman. Assessment: Class test and one 3000 word essay.

In this option, a knowledge of basic Old English is assumed. It will allow students to read more widely in Old English literature, both prose and poetry, and will increase students' familiarity with Anglo-Saxon society and culture.

Textbook: A textbook will be available from the Department.

*Old Icelandic 2\**

Prof Clunies Ross, Associate Professor Geraldine Barnes. Classes: One 1.5 hour seminar per week. Assessment: One 2000 word essay and class test.

This option aims to give further grounding in medieval Icelandic language and literature. The study of grammar and texts in the original language will be conducted in tutorial-type classes.

Textbooks: E. V. Gordon *An Introduction to Old Norse* 2nd edn. rev. A. R. Taylor (O.U.P., 1957 or repr.)

*Middle Welsh 2\**

Associate Professor Fulton. Classes: One 1.5 hour seminar per week. Assessment: Class test and one 2 hour exam.

This option offers further work in Middle Welsh for students who have already completed Middle Welsh 1 or equivalent.

Textbooks

R. L. Thomson *Owein* (Dublin Institute, 1968)

D. Simon Evans *A Grammar of Middle Welsh* (Dublin, 1976)

*Old Irish 2\**

Associate Professor Fulton. Classes: One 1.5 hour seminar per week. Assessment: Class test and one 2 hour exam.

This option offers further work in Old Irish for students who have already taken Old Irish 1 or equivalent.

Textbooks: J. Strachan, *Stories from the Tain* (Dublin, 1970). J. Strachan, *Paradigms and Glosses* (Royal Irish Academy, 1970).

*Piers Plowman*

Dr Speed. Classes: One 1.5 hour seminar per week. Assessment: One 3000 word essay.

This extraordinary and voluminous masterpiece is one of the greatest English literary texts. Composed in alliterative poetry of

the late fourteenth century, it combines sermon, dream vision, allegory, satire, and complaint.

Textbook: A.V.C. Smith (ed.), *The Vision of Piers Plowman: B-Text* (Everyman, 2nd edn., 1995).

### **Views from Camelot and Troy**

Associate Professor Barnes (Coordinator), Dr Speed. Classes: One 1.5 hour seminar per week. Assessment: One 3000 word essay.

Camelot and Troy feature in numerous fictional narratives of medieval times, not only as glamorous settings, but also as powerful images of paradoxical forces, sites, variously, of safety or risk, friendship or betrayal, achievement or loss - essentially masculine worlds which may nevertheless be shaped by women. Consideration of the culture of Camelot will focus on three anonymous Arthurian romances recounting adventures undertaken by Arthur and familiar Arthurian heroes. Consideration of the culture of Troy will focus on the Trojan tales in Gower's *Confessio Amantis* and Henryson's *The Testament of Cresseid*.

Textbooks: H. MacDiarmid (ed.), *Robert Henryson: The Testament of Cresseid and Other poems* (Penguin, 1973)

M. Mills (ed.), *Ywain and Gawain, Sir Percy veil of Gales, The Anturs of Arthur* (Everyman, 1992)

Gower materials will be available in a course reader.

### **The Meanings of English Grammar**

Mr Jones. Classes: One 1.5 hour seminar per week. Assessment: One 2500-3000 word essay.

A grammar, being a text about a text, is one of the places where science touches literary criticism; grammar also is an area where people have firm ideas about right and wrong. For these reasons grammar writing cannot be separated from ideology. English grammar, particularly in the last century or so, has been described in many different ways. This unit will examine the origin of and the assumptions connected with some of these descriptive frameworks. Traditional grammar, functional grammar, American structuralism and generative grammar may be among the kinds of grammar considered.

### **Media Communication Theory**

Associate Professor Fulton. Classes: One 1.5 hour seminar per week. Assessment: Classwork and one 2500 word essay.

This option offers further work in media studies for students who have already taken Communication and Media Studies (ENGL 2006). This is not a formal prerequisite but the unit of study does assume some basic knowledge of media studies. Topics include the rise of the mass media, theories of media in society, institutional aspects of the media, theories of media text production, and the construction of media audiences.

Textbook: J. Watson, *Media Communication* (1998).

### **The Semiotics of Literary Discourse**

Associate Professor Huisman. Classes: One 1.5 hour seminar per week. Assessment: One 3000 word essay.

Semiotics is the study of meaning-making practices. In this unit we discuss meaning-making practices associated with the discourses recognized as poetry or prose fiction. We consider the central roles of metaphor and narrative, and the social conventions which seem 'natural' or 'usual' at different times in practices of composing/performing/reading/hearing literary texts. Texts from the Anglo-Saxon period to contemporary Australian writing may be discussed, according to student interest, and for assessment students may focus on a particular discourse and/or period and/or theoretical approach. No previous study of semiotics or literary theory is assumed.

Textbooks: M. Mcquillan, *The Narrative Reader* (London, 2000)

R. Huisman, *The Written Poem, Semiotic Conventions from old to Modern English* (London^ 2000).

### **ENGL 3953 Special Studies in English (ELEEL) 3**

4 credit points. Professor Clunies Ross (Coordinator). **Semester: 1.** **Classes:** One 1.5 hour seminar per week in one option chosen from the list given for ENGL 3951. **Prerequisite:** Credit or above in 24 Senior credit points of ENGL, including ENGL 2901 and ENGL 2902. **Assessment:** One 3500 word essay or as determined by the lecturer concerned.

Students should choose one option from the list given for ENGL 3951.

### **ENGL 3954 Special Studies in English (ELEEL) 4**

4 credit points. Professor Clunies Ross (Coordinator). **Semester: 2.** **Classes:** One 1.5 hour seminar per week in one option chosen from the list given for ENGL 3952. **Prerequisite:** Credit or above in 24 Senior

credit points of ENGL, including ENGL 2901 and ENGL 2902.

**Assessment:** One 3500 word essay or as determined by the lecturer concerned.

Students should choose one option from the list given for ENGL 3952.

**ENGL 4011 English Post-1500 Literature Honours A** 12 credit points. Dr Gardiner (coordinator). **Semester: 1,2.** **Classes:** Full year (starts February). **Prerequisite:** Credit or above in 48 Senior credit points of ENGL including ENGL 2901, ENGL 2902, ENGL 3901 and either ENGL 3902 or ENGL 3953 or ENGL 3954. (See under English in chapter 3).

*NB: Permission required for enrolment.*

Students take six semester length options, two in first semester and four in second semester, and submit a 10,000-12,500 word long essay in July. The long essay, which must be on an approved topic, has the weight of two options. The assessment in each option consists of one 1000 word assignment or equivalent and one 3000 word essay.

The following options will be offered in 2002 (subject to availability of staff and suitable enrolment numbers):

- (1) Humanism vs Anti-humanism: the Case of Shakespeare
- (2) Christopher Marlowe and Early Modern Culture
- (3) The Seventeenth-Century Journey
- (4) Waterloo to Peterloo
- (5) The Bounty Saga and British Romanticism
- (6) George Eliot in Her Time
- (7) American Renaissance and After
- (8) Modernist Fiction: Texts and Theories
- (9) The Bloomsbury Group
- (10) Postmodern American Poetry and Poetics
- (11) Life Writing
- (12) Rhetoric Reading Theory
- (13) Mr James and Mrs Wharton
- (14) The Learned and the Literary

Students may elect to take up to two semester options from English Language and Early English Literature or Australian Literature among their options, and should discuss such arrangements with the coordinators.

### **Humanism vs Anti-humanism: the Case of Shakespeare**

Mr Brooks

Since the middle of the twentieth century 'theoretical anti-humanism' has been, first, subverting, and then displacing 'liberal humanism' as the established consensus in the humanities. Some participants in the conflict have seen it as between idealism and materialism. Until recently most of the argument has come from the anti-humanists, but now humanists have been polemically reasserting their position. Much of the debate in literary studies has concerned Shakespeare, the archetypal genius for humanists, a cultural icon to be appropriated by anti-humanists. This unit of study will explore the issues and try to determine what is at stake. Topics to be discussed include: the idea of a general human nature vs the invention of 'Man', interpretation, representation, value, perspective, subjectification, gender, sexuality, and the connection between criticism/reading and ethics, politics, history and ideology.

Several Shakespeare texts will be examined, together with some humanist and anti-humanist criticism. Critics to be considered include Cultural Materialists such as Jonathan Dollimore and Catherine Belsey, New Historicists, especially Stephen Greenblatt, the humanists Graham Bradshaw and Brian Vickers, and the ambiguous figure of Harold Bloom.

The unit will also look at selections from the writings of philosophical humanists and anti-humanists, including Cicero, Feuerbach, Marx, Nietzsche, Heidegger, Althusser and Foucault, to clarify the theoretical issues involved.

Texts

Shakespeare. Henry V, Troilus and Cressida, The Merchant of Venice, Othello, King Lear.

### **Christopher Marlowe and Early Modern Culture**

Dr Miller

This study of Marlowe's plays and poems gives particular attention to their place in the crises and debates of late sixteenth-century England. It interrogates Marlowe's ambiguous position on the borderland between orthodoxy and heterodoxy (sexual, political, religious). It examines his construction and/or subversion of an Elizabethan 'other' (sodomitical, Jewish, papist, barbarian). It tracks his rewritings of Roman poetry and medieval drama and his experiments in tragedy and comedy. The option includes comparative texts by Shakespeare and Donne and is conducted in the context of current critical debate on Marlowe.

## Texts

Marlowe, *The Complete Plays*, ed. Mark Thornton Burnett (Everyman)  
 Marlowe, *The Complete Poems*, ed. Mark Thornton Burnett (Everyman)

***The Seventeenth-Century Journey***

Dr Spurr

The journey, quest or pilgrimage was the principal motif of seventeenth-century literature. What were the sources of the appeal of this concept—philosophically, politically, theologically? How was it adapted to authors' different purposes? What ideas were developed about the journeys' destinations? Reading in poetry and prose will explore these issues.

## Texts

Aphra Behn. *Oroonoko* (Penguin Classics)  
 John Bunyan. *The Pilgrim's Progress* (Penguin Classics)  
 Course Reader, including selections from John Donne, John Milton, and Henry Vaughan

***Waterloo to Peterloo***

Dr Christie

This option looks at a selection of texts published during the brief period between two major events in early nineteenth-century British history: the defeat of Napoleon at the Battle of Waterloo in 1815 and the massacre of St Peter's Field in Manchester in 1819, when local militia charged a crowd of some 60,000 meeting to call for a reform of parliament. Discussion will concentrate, like the texts themselves, on such issues as innovation, creativity, authority, and responsibility in literature and society.

## Texts

Coleridge. *Extracts from Biographia Literaria*  
 Austen. *Persuasion*  
 Byron. *Childe Harold, Cantos JU & IV, and Don Juan, I & JJ*  
 Peacock. *Nightmare Abbey*  
 Shelley. *Alastor, Julian and Maddalo, and The Mask of*

Anarchy

Mary Shelley. *Frankenstein****The Bounty Saga and British Romanticism***

Dr Coleman

This option will focus on the many different versions of the Bounty saga, from the first accounts which circulated in Britain (including the capture and court martial of the mutineers in 1792) through to Hollywood's continuing fascination with the mutiny story, particularly the relationship between the self-made Captain Bligh and the upper-class midshipman Fletcher Christian. A resource book, containing excerpts from the political writings of Montaigne, the French philosophes Rousseau and Diderot, and the major voices of the 'revolution controversy' in Britain, Edmund Burke and Tom Paine, will be available. Excerpts from George Keate's *Account of the Pelew Islands* (1788) will set the scene for island paradises, and the issue of conflicting versions will begin with Captain Bligh's narrative (1790) and the propaganda of the Christian family, from Edward Christian's pamphlet (1794) to Glynn Christian's *Fragile Paradise* (1999).

## Texts

Godwin. *Caleb Williams* (1794)  
 Coleridge. *The Ancient Mariner* (1798)  
 Wordsworth. *The Borderers* (1797)  
 Byron. *The Island* (1823)  
 Greg Denning. *Mr Bligh's Bad Language* (1992)  
 In the Wake of the Bounty (dir. Chauvel, 1933)  
 Mutiny on the Bounty (dir. Milestone, 1962)  
 The Bounty (dir. Donaldson)

***George Eliot in Her Time***

Professor Harris

A study of selected texts of George Eliot in relation to the literary and intellectual milieu in which she wrote. A decision about which George Eliot novels will be the focus of class discussion will be made when the class meets. While the emphasis will be on her fiction, we will consider also some of her poetry and non-fiction prose, and some texts by her contemporaries.

## Texts

George Eliot, *Adam Bede, Felix Holt the Radical and Middlemarch* (two of the three: the novels may be read in any edition: Everyman Paperbacks are recommended)  
 George Eliot. *Selected Essays, Poems and Other Writings*, ed. A.S. Byatt and Nicholas Warren (Penguin)  
 George Meredith. *The Ordeal of Richard Feverel*

Thomas Hardy. *Two on a Tower*

Any edition of the Norton Anthology of Poetry

***American Renaissance and After***

Dr Kelly

This option takes as its point of departure the prose and poetry associated with the New England area of the United States in the mid-nineteenth century. We will be considering such questions as: how the imagining of the United States as a political and philosophical entity developed in the writing of the period; how the New England cultural legacy weighed on such imaginings; and how a native sense of Americanness and American writing was fashioned at this time.

## Texts

Hawthorne. *The Scarlet Letter*  
 Melville. *Moby Dick*  
 Thoreau. *Walden*  
 Whitman. *Selected Poetry*  
 James. *The Aspern Papers*  
 Crane. *The Red Badge of Courage*  
 Wharton. *Ethan Frome*

***Modernist Fiction: Texts and Theories***

Dr Marks

Major works of Modernist fiction will be studied within the context of early twentieth century cultural thought and in terms of later scholarly treatment. A selection of relevant diereoretical and polemical writings will be provided in a Course Reader. Topics include the making of Modernist canons, Modernist politics, and the relationship between Modernism and postmodernism.

## Texts

Gertrude Stein. *Three Lives*  
 James Joyce. *Ulysses*  
 John Dos Passos. *Manhattan Transfer*  
 William Faulkner. *The Sound and the Fury*  
 Virginia Woolf. *The Waves*

***The Bloomsbury Group***

Associate Professor Gay

This unit examines a group of artists and intellectuals who in the first half of the twentieth century energetically promulgated revolutionary thinking in regard to art, war, politics, and sexuality. Their legacy in the visual arts and literature remains considerable, and the biographical industry that has grown up around the group has stimulated continuing debate on questions of the relation between life and art - questions that the Bloomsbury Group were active in formulating both explicitly, and implicitly as part of the commentary through their work on English culture and politics.

## Texts

Virginia Woolf. *Mrs Dalloway, A Room of One's Own, Between the Acts*  
 Lytton Strachey. *Eminent Victorians*  
 E.M. Forster. *The Longest Journey, Howards End, A Passage to India*

Selections from Victorian 'fathers' and supplementary material from other Bloomsbury writers will be provided.

***Postmodern American Poetry and Poetics***

Dr Lilley

This option will explore some of the most interesting and innovative poetry of our time and the contexts in which it is produced and read. Topics will include movements and communities; experimentalism and small press publishing; genre and intertextuality; narrative and popular culture; poetics, politics and ideology.

## Texts

Paul Hoover (ed). *Postmodern American Poetry* (Norton)***Life Writing***

Dr Petch

A study of the theory and practice of life writing in a variety of genres—journal, letter, biography, autobiography, memoir—in both poetry and prose

## Texts

James Boswell. *The Journal of a Tour to the Hebrides* (in Penguin with Johnson's *Journey to the Western Islands*)  
 William Wordsworth. *The Prelude* (1798)  
 Elizabeth Gaskell. *The Life of Charlotte Brontë*  
 Janet Frame. *The Complete Autobiography*  
 Jill Ker Conway. *The Road from Coorain*  
 Ted Hughes. *Birthday Letters*  
 Edward Said. *Out of Place*

**Rhetoric Reading Theory**

Dr Hardie

This option examines a number of theorists to explore the 'return' to rhetoric. Rhetoric is variously understood as the art of persuasion and as the analysis of the ways in which language may be used figuratively in literary and other texts. Through the work of Paul de Man, Roland Barthes, Eve Sedgwick, and others, we will see how rhetorical theory has influenced such important movements as structuralism, post-structuralism, deconstruction, queer theory, feminist theory, and cultural studies. There will be a Course Reader.

Texts

Barthes. Image-Music-Text

Bender and Wellbury. The Ends of Rhetoric

Eve Sedgwick. The Epistemology of the Closet

**Mr James and Mrs Wharton**

Dr Anderson

Henry James (1843-1916) and Edith Wharton (1862-1937) enjoyed a complex friendship. He called her 'the Angel of Devastation' while she called him 'cher maitre' (but so did everyone). We will explore realism, in its social and psychological manifestations; popularity v elitism; men and women; friendship; American self-exiles; the structure of the sentence; the novel and the cinema, among other issues.

Texts

James. 'Daisy Miller'; The Wings of the Dove

Wharton. The House of Mirth; The Custom of the Country

We will also consider some short stories, such as James's 'The Velvet Glove' and 'The Death of the Lion', and Wharton's 'The Eyes'.

**The Learned and the Literary**

Dr Gardiner

How do writers absorb and acknowledge and transform the truth of what they read, specifically in their literary treatment of scripture, historical documentation and scientific evidence? This option considers three sets of texts:

1. The Bible in Hooker, the Metaphysical poets, Dryden, Hobbes, the Evangelical poets, Hume and Arnold; Hindu scriptures in William Jones and Aldous Huxley.
2. Historical documentation in Gibbon, Macaulay, Carlyle, Prescott, Pound, Charles Olson, Susan Howe and Rosemarie Waldrop.
3. Scientific evidence in Bacon, Browne and the Metaphysical poets; Darwin, Tennyson and Philip Gosse; and Stephen J. Gould and Richard Dawkins.

The option entails the reading of the following complete texts, along with a made-to-order anthology of extracts:

Francis Bacon. The Advancement of Learning

John Dryden. Religio Laici; The Hind and the Panther

Thomas Babington Macaulay. The History of England, ed.

Trevor-Roper

Ezra Pound. The Cantos (for cantos 31 to 71).

**ENGL 4012 English Post-1500 Literature Honours B**  
12 credit points. **Semester:** 1,2.

*NB: Permission required for enrolment.*

Refer to ENGL 4011

**ENGL 4013 English Post-1500 Literature Honours C**  
12 credit points. **Semester:** 1,2.

*NB: Permission required for enrolment.*

Refer to ENGL 4011

**ENGL 4014 English Post-1500 Literature Honours D**  
12 credit points. **Semester:** 1,2.

*NB: Permission required for enrolment.*

Refer to ENGL 4011

**ENGL 4511 English (Language & Early Literature) A**  
12 credit points. Professor Clunies Ross. **Semester:** 1,2. **Classes:** Full Year (starts February). **Prerequisite:** Credit or above in 48 Senior credit points of ENGL including ENGL 2901, ENGL 2902, and either both of ENGL 3951, ENGL 3952, or one of ENGL 3951 and ENGL 3952 together with either ENGL 3901 or ENGL 3902, and either ENGL 3953 or ENGL 3954. (See under English in chapter 3). **Assessment:** See entries for individual options.

*NB: Permission required for enrolment.*

Students complete 7 options from the list of English Language and Early English Literature Special Entry options (see listing under ENGL 3951 and ENGL 3952) and the list of Honours IV options below and write a thesis of between 10,000-12,500 words, or complete 10 options without a thesis. All Honours IV

options are double options, and are taught through Semesters 1 and 2.

**Honours TV Old Icelandic**

Prof Clunies Ross, Associate Professor Barnes. Prerequisite: Old Icelandic I (Old Icelandic II in addition would be an advantage). Classes: Semester 1 and 2. One 1.5 hour seminar per week.

Assessment: Two 3000 word essays.

In this option, student's knowledge of the language will be extended, and a variety of texts in prose and verse will be read. In the first half of the year the Gylfaginning section of Snorri Sturluson's Edda will be studied, together with the myths it deals with; in the second half of the year a complete saga, or a large section of a saga (depending on length) will be read.

Textbooks: Texts will be provided in class.

**Honours TV Middle Welsh**

Subject to availability

**Honours TV Old Irish**

Subject to availability

**Beowulf**

Prof Clunies Ross, Dr Huisman, Mr Jones

Prerequisite: Old English I (Old English II in addition would be an advantage)

Classes: Semesters 1 and 2. One 1.5 hour seminar per week.

Assessment: One 2.5 hour exam and seminar paper written up as an essay.

Beowulf is the finest surviving Old English long poem. In this option it will be studied as a whole. Selected passages will be set for close study (translation, manuscript readings and editorial treatment of crucial passages, metre, language etc.). The option will also consider the subject matter of Beowulf in the context of other known Germanic heroic poetry and legend, both English, German and Scandinavian.

Textbook: F. Klaeber (ed.), Beowulf and the Fight at Finnsburg 3rd edn with supplements (D. C. Heath, Boston, 1950, Michael Alexander (ed.) Beowulf: a glossed text (Penguin, 2000).

**Honours TV: English Language and Early English Literature Thesis**

Students in English IV English Language and Early English Literature may choose to write a thesis of between 10,000 and 12,500 words on a topic to be approved. The thesis has the weight of 3 options and will be due at the end of the week following the mid-semester break in Semester 2. Two copies of the thesis are to be submitted. Each student will have an appointed thesis supervisor.

It is expected that students intending to write a thesis will discuss their choice of topic with the Coordinator of English TV English Language and Early English Literature towards the end of the year preceding their Fourth Year so that a supervisor can be appointed shortly thereafter and in any case before the beginning of the academic year in which the student undertakes Fourth Year. It is further expected that there will be regular meetings between the student and the supervisor at which an agreed schedule of work will be negotiated.

**ENGL 4512 English (Language & Early Literature) B**  
12 credit points. **Semester:** 1,2.

*NB: Permission required for enrolment.*

Refer to ENGL 4511

**ENGL 4513 English (Language & Early Literature) C**  
12 credit points. **Semester:** 1,2.

*NB: Permission required for enrolment.*

Refer to ENGL 4511

**ENGL 4514 English (Language & Early Literature) D**  
12 credit points. **Semester:** 1,2.

*NB: Permission required for enrolment.*

Refer to ENGL 4511

**■ EUST****EUST 4011 European Studies A**

12 credit points. **Semester:** 1,2. **Prerequisite:** Permission of Centre for European Studies.

*NB: Permission required for enrolment.*

Please see chapter 3 for details.

**EUST 4012 European Studies B**

12 credit points. **Semester:** 1,2.

NB: Permission required for enrolment.

**EUST 4013 European Studies C**  
12 credit points. **Semester:** 1,2.

NB: Permission required for enrolment.

**EUST 4014 European Studies D**  
12 credit points. **Semester:** 1,2.

NB: Permission required for enrolment.

## ■ FRNC

**FRNC 1101 French Introductory 1**  
6 credit points. Dr Caffarel. **Semester:** 1, Summer. **Classes:** 1 lecture, 3 face-to-face tutorials per week, 1 hour autonomous learning in computer lab. **Prerequisite:** Complete beginners; or less than 2 years of French; or less than 70% in Beginners HSC French. **Assessment:** Class work, assignments, tests, examination.

This unit of study is an intensive second language learning program for beginners, which requires students' active participation and a minimum of six hours home study per week. The course is based both on communicative methodology and a functional approach to language. Through using the French language in a range of contexts, students will develop spoken communication (speaking, listening) and to a lesser extent written communication (reading, writing) skills in order to exchange information and services, ideas and opinions and express feelings and emotions. Through the use of language in various communicative activities, such as role playing, the student will begin to build up a knowledge of vocabulary, idioms and structures, to develop an understanding of the function of language and of the relationship between language, society and culture.

The syllabus involves the use of a text book, audio and video tapes, as well as computer-assisted language learning programs designed to develop grammatical and comprehension skills (oral and written).

FRNC 1102 Introductory French 2 is the standard progression.

### Textbooks

Evelyne Berard, Yves Canier, Christian Lavenne. 1996 TEMPO 1: ^methode de francais (Didier/Hatier).  
Evelyne Berard, Yves Canier, Christian Lavenne. 1998. TEMPO 1; Cahier d'exercices avec un CD AUDIO. (Didier/Hatier.)

**FRNC 1102 French Introductory 2**  
6 credit points. Dr Caffarel. **Semester:** 2. **Classes:** 1 lecture, 4 tutorials per week. **Prerequisite:** FRNC 1101 or equivalent. **Assessment:** Class work, assignments, tests, examination.

FRNC 1102 Introductory French 2 is the continuation of FRNC 1101 Introductory French 1. It aims at strengthening students' oral communication skills and at developing further their written skills (reading and writing). Having completed FRNC 1102 Introductory French 2, students in their second year will normally enter FRNC 2103 French Language 3.

### Textbooks

Evelyne Berard, Yves Canier, Christian Lavenne. Tempo 1: methode de francais (Didier/Hatier).  
Maia CMgoire. Grammaire progressive du francais (Niveau debutant) (Cl6 international).

**FRNC 1201 French Intermediate 1**  
6 credit points. Mr Walkley. **Semester:** 1. **Classes:** 1 lecture, 2 tutorials per week. **Prerequisite:** Less than 70% in French Continuers or more than 70% in Beginners HSC French or equivalent. **Assessment:** Class work, assignments, tests, examination.

This unit of study is designed for students who have: studied some French but have not taken the Higher School Certificate examinations, or have less than 70% in French Continuers or Extension unit, or more than 70% in Beginners.

It provides a systematic review of spoken and written French, building on students' previous experience of the language. Students will develop their speaking fluency in everyday situations and their reading and writing skills.

FRNC 1202 Intermediate French 2 is the standard progression.

### Textbooks

Valdman, A. and Pons, C. Chez nous (Prentice Hall).

**FRNC 1202 French Intermediate 2**  
6 credit points. Mr Walkley. **Semester:** 2. **Classes:** 1 lecture, 2 tutorials per week. **Prerequisite:** FRNC 1201 or equivalent. **Assessment:** Class work, assignments, tests, examination.

This unit of study is the continuation of FRNC 1201 Intermediate French 1. It continues to develop speaking, listening, writing and

reading skills, while providing further insights into contemporary French culture.

Having completed FRNC 1202 Intermediate French 2, students in their second year will usually enter FRNC 2103 French Language 3.

### Textbooks

As for FRNC 1201 Intermediate French 1.

**FRNC 1301 French Advanced 1**  
6 credit points. Dr Grauby. **Semester:** 1. **Classes:** 2 lectures, 3 tutorials per week. **Prerequisite:** French Continuers & Extension or more than 70% in Continuers HSC French. **Assessment:** Class work, assignments, tests, examination.

This unit of study is designed for students who have completed a Beginners or Continuers HSC French course or equivalent. 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.

FRNC 1302 Advanced French 2 is the standard progression.

### 1. Practical Language

Classes: 1 lecture, 2 tutorials per week.

Assessment: class work, assignments, tests, examination.

This segment uses a communicative approach to language learning. Students' active participation through team work, role playing and other interactive techniques is an essential aspect of all classes.

Textbook: Panorama 3 (Cle International).

### 2. Reading

Texts and Society: La France et ses identites.

Classes: 1 lecture, 1 tutorial per week.

Assessment: class work, written and practical assignments.

This segment 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 this 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 will be provided by the department.

**FRNC 1302 French Advanced 2**  
6 credit points. Dr Grauby. **Semester:** 2. **Classes:** 2 lectures, 3 tutorials per week. **Prerequisite:** FRNC 1301. **Assessment:** Class work, assignments, tests, examination.

This unit of study is the continuation of the first semester unit FRNC 1301. 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.

### 1. Practical Language

Classes: 1 lecture, 2 tutorials per week. Assessment: class work, assignments, tests, examination.

This segment continues to use a communicative approach to language learning. Students' active participation through team work, role playing and other interactive techniques is an essential aspect of all classes. Textbook: Panorama 3 (Cle International).

### 2. Reading. Texts and Society: La France et ses identites.

Classes: 1 lecture, 1 tutorial per week. Assessment: class work, a variety of written and practical exercises.

This segment continues the study begun in FRNC 1301 of national and cultural identity in the 20th century, and the development of reading, analytical and critical skills, but with greater emphasis on literary texts. It includes the study of a modern novel and a section on the theatre.

Having completed FRNC 1302 Advanced French 2, students in their second year will enter FRNC 2303 Advanced French Language 3 and may also take one or more of the following: 2602,2701, 2702,2714,3706,3806, 3807.

### Reading

Camus, L'Etranger (Gallimard)

Tardieu, La Com^the du drame (Folio).

**FRNC 1501 French Short Reading Course**  
6 credit points. Mr Walkley. **Semester:** 1. **Classes:** 3 hours per week. **Prerequisite:** FRNC 1101, FRNC 1102, FRNC 1201, FRNC 1202, FRNC 1301, FRNC 1302. **Assessment:** Class work, assignments, tests.

This unit of study is designed for students who wish to acquire a reading knowledge of French. There will be one weekly grammar class and two weekly reading tutorials.

At first, the classes will concentrate on general reading skills. Then a variety of mainly modern French texts will be read, graded to suit the evolving skills of the student.

#### *Textbooks*

E.M. Stack. Reading French in the Arts and Sciences, 4th edn (Houghton Mifflin)

### **FRNC 1701 Modern French Civilisation 1**

3 credit points. Coordinator to be announced. Semester: 2. Classes: 1 lecture, 2 tutorials per week, first six weeks of semester. Assessment: Class paper, test, examination.

This unit of study provides a historical context for the study of contemporary French society, culture, political institutions and ideologies. It traces a number of historical developments (the process of nation building for example) while concentrating on the period preceding the Revolution of 1789, the Revolution itself and its legacy. Texts and other materials from a wide variety of sources are used to illustrate the content of the unit. Lectures and tutorials are mainly in English but French language and vocabulary development are seen as an integral part of the unit.

#### *Textbooks*

Roger Price. A Concise History of France (Cambridge University Press).

### **FRNC 1702 Modern French Civilisation 2**

3 credit points. Coordinator to be announced. Semester: 2. Classes: 1 lecture, 2 tutorials per week, last six weeks of semester. Assessment: Class papers, examination.

This unit of study is the continuation of FRNC 1701 Modern French Civilisation 1. In the second semester, it addresses the evolution of French social, political and cultural life in the nineteenth and twentieth centuries. Texts and other materials from a wide variety of sources are used to illustrate the content of the unit. Lectures and tutorials mainly in English, but French language and vocabulary development are seen as an integral part of the unit.

#### *Textbooks*

As for FRNC 1701 Modern French Civilisation 1.

### **FRNC 2103 French Language 3**

4 credit points. Mr Cowley. Semester: 1. Classes: 1 lecture, 2 tutorials per week. Prerequisite: FRNC 1102 or FRNC 1202. Assessment: class work, assignments, tests.

This unit of study follows on from FRNC 1102 Introductory French 2, and from FRNC 1202 Intermediate French 2.

The course is based on a communicative approach and concentrates on interactive exercises and activities to consolidate speaking, listening, writing and reading skills, reinforce understanding of grammar, extend vocabulary and improve confidence in communication.

This unit of study is normally taken by specialist students in conjunction with FRNC 2501 French Reading 1.

#### *Textbooks*

Grammar text to be advised.

Collins-Robert French Dictionaries.

### **FRNC 2104 French Language 4**

4 credit points. Mr Cowley. Semester: 2. Classes: 1 lecture, 2 tutorials per week. Prerequisite: FRNC 2103. Assessment: Class work, class presentations, assignments, tests.

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 of study is normally taken by specialist students in conjunction with FRNC 2502 French Reading 2.

Having completed FRNC 2104 French Language 4, students in their third year will enter FRNC 3105 French Language 5.

#### *Textbooks.....*

As for FRNC 2103 French Language 3.

### **FRNC 2113 Active Language Skills in Context**

8 credit points. Semester: 1. Classes: Semester 1, 1 Lecture, 2 tutorials per week. Prerequisite: FRNC 1102 or 1202. Corequisite: FRNC 2103. Assessment: Class work, oral and written presentations, tests.

This unit of study focuses on developing creative fluency and spontaneity in oral and written skills. These are developed through the use of video sketches, role plays, language and problem-solving activities. Reading skills are also developed through the study of a contemporary novel, focussing on style and narrative techniques.

Not to be taken by third year students (FRNC 3105) except with permission of the department.

#### *Textbooks*

Materials to be provided by the department.

### **FRNC 2303 Advanced French Language 3**

4 credit points. Dr Winter. Semester: 1. Classes: 2 classes per week. Prerequisite: FRNC 1302. Assessment: Class work, tests, assignments, examination.

The unit will provide a review of formal grammar, while at the same time placing considerable stress on the development of students' communicative skills, via a number of functionally-oriented language activities. It will be based on a variety of documents, including video materials, that deal with topics of current interest.

This unit of study is normally taken by specialist students in conjunction with one of the Options.

#### *Textbooks*

J. Ollivier. Grammaire Francaise (Harcourt Brace Jovanovich)  
Duplicated material will be made available by the department.

### **FRNC 2304 Advanced French Language 4**

4 credit points. Dr Winter. Semester: 2. Classes: 2 classes per week. Prerequisite: FRNC 2303. Assessment: Class work, tests, assignments, examination.

This unit is a continuation of FRNC 2303.

It will normally be taken by specialist students in conjunction with one of the specialist Options.

Having completed FRNC 2304 Advanced French Language 4, students in their third year will enter FRNC 3305 Advanced French Language 5.

#### *Textbooks*

As for FRNC 2303 Advanced French Language 3.

### **FRNC 2501 French Reading 1**

4 credit points. Dr Grauby. Semester: 1. Classes: 1 lecture, 1 tutorial per week. Prerequisite: FRNC 1102 or FRNC 1202. In consultation with the coordinator, certain students having completed FRNC 1201 will be permitted to take this course. Assessment: Class work, written and practical assignments.

Texts and Society: La France et ses identites.

This unit of study 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 this century and the political challenges it confronts as it attempts to redefine its role in the world and in Europe.

This unit of study is normally taken by specialist students in conjunction with FRNC 2103 French Language 3.

#### *Textbooks*

Dossiers de textes provided by the department.

### **FRNC 2502 French Reading 2**

4 credit points. Dr Grauby. Semester: 2. Classes: 1 lecture, 1 tutorial per week. Prerequisite: FRNC 2501. Assessment: Class work, written and practical assignments.

Texts and Society: La France et ses identites.

This unit of study continues the study of national and cultural identity in the 20th century, and the development of reading, analytical and critical skills, but with greater emphasis on literary texts. It includes the study of a modern novel and a section on the theatre.

This unit of study is normally taken by specialist students in conjunction with FRNC 2104 French Language 4.

#### *Textbooks*

Camus, L'Etranger (Gallimard).

Tardieu, La Comedie du drame (Folio).

### **FRNC 2602 Introduction to Linguistics**

4 credit points. Dr Caffarel. Semester: 1. Classes: 2 classes per week. Prerequisite: FRNC 1302 or FRNC 2502. Assessment: Class work, assignments.

This unit is a general introduction to linguistics and in particular functional linguistics. It explores language as a system of choices for making meaning in various contexts and aims at providing the students with an understanding of what we do when we use language, and grammar, in particular.

#### *Textbooks*

Duplicated material will be available from the department.

### **FRNC 2701 Revolution and Social Thought**

4 credit points. Dr Rechniewski. Semester: 1. Classes: 2 classes per week. Prerequisite: FRNC 1302 or FRNC 2502. Assessment: Class presentation, essay.

This unit of study examines the development of theories about society in the context of the social and political changes that took place in France from the 18th century onwards. In particular, it



explores the reactions to the 'failure' of the French Revolution of 1789 and traces the confrontations during the 19th and 20th centuries between pro- and anti-republican camps, social classes, and pro- and anti-colonial forces.

Continuing students will normally opt to take FRNC 2702 in second semester. FRNC 2701 and FRNC 2702 are primarily designed for students from the second year advanced and third year beginner/intermediate stream.

#### *Textbooks*

A dossier of texts will be provided by the department.

#### **FRNC 2702 The Second French Revolution**

4 credit points. Dr Winter. Semester: 2. Classes: 2 classes per week. Prerequisite: FRNC 1302 or FRNC 2502. Assessment: Class presentation, essay.

Since the Second World War, French society has undergone unprecedented change. This unit of study examines the nature of these changes, drawing on the work of contemporary theorists including Pierre Bourdieu, and explores their impact on the individuals and groups caught up in them (workers, migrants, women...) How do these groups understand their evolving situation and what new demands do they put forward?

FRNC 2702 is primarily designed for students from the second year advanced and third year beginner/intermediate stream.

#### *Textbooks*

A dossier of texts will be provided by the department.

#### **FRNC 2801 Communicative Structures in the Novel**

4 credit points. A/Professor Sankey. Semester: 2. Classes: 2 classes per week. Prerequisite: FRNC 1302 or FRNC 2502. Assessment: Class work, assignments, tests.

This unit of study looks at 3 major novels (from the 18th, 19th and 20th centuries) and introduces students to some of the main theories of literary analysis. Students' active participation in discussions, group work and debates is an essential aspect of all classes.

The program of study aims to develop students' ability to read literary works in French, to reflect on and discuss these works, and gain confidence in their use of analytical concepts and theoretical frameworks.

It is strongly recommended that students acquaint themselves with the texts prior to the beginning of classes.

#### *Textbooks*

M. Duras *Moderate cantabile* (Ed. Minuit)  
E. Zola *Therese Raquin* (Gamier-Flammarion)  
A.F. Prevost *L'Histoire du chevalier des Grieux et de Manon Lescaut* (Gamier-Flammarion).

#### **FRNC 3105 French Language 5**

4 credit points. Semester: 1. Classes: 2 classes per week. Prerequisite: FRNC 2104. Assessment: Class work, assignments, tests, examination. This unit of study follows on from FRNC 2104 French Language 4. It seeks to develop speaking, writing, listening and reading skills while providing an insight into contemporary French culture. The unit uses a communicative approach to language learning. Students' active participation through team work, role playing and other interactive techniques is an essential aspect of all classes.

This unit of study is normally taken by specialist students in conjunction with one of the Options.

#### *Textbooks*

J. Ollivier. *Grammaire française* (Harcourt Brace Jovanovich)  
Duplicated material will be made available by the department.

#### **FRNC 3106 French Language 6**

4 credit points. Semester: 2. Classes: 2 classes per week. Prerequisite: FRNC 3105. Assessment: Class work, assignments, tests, examination. This unit is a continuation of FRNC 3105.

It is normally taken by specialist students in conjunction with one of the Options.

#### *Textbooks*

As for FRNC 3105 French Language 5.

#### **FRNC 3305 Advanced French Language 5**

4 credit points. Semester: 1. Classes: 2 classes per week. Prerequisite: FRNC 2304. Assessment: Class work, assignments, tests, examination. This unit will prepare students for the DELF level 2 examination. Particular emphasis will be placed on oral and written communicative skills. The course will be based on a variety of documents, including video materials, that deal with contemporary issues.

This unit of study is normally taken by specialist students in conjunction with one of the Options.

#### *Textbooks*

J. Ollivier. *Grammaire française* (Harcourt Brace Jovanovich).  
Duplicated material will be made available by the department.

#### **FRNC 3306 Advanced French Language 6**

4 credit points. Coordinator to be announced. Semester: 2. Classes: 2 classes per week. Prerequisite: FRNC 3305. Assessment: Class work, assignments, tests, examination.

This unit is a continuation of FRNC 3305.

It is normally taken by specialist students in conjunction with one of the Options.

#### *Textbooks*

As for FRNC 3305 Advanced French Language 5.

#### **FRNC 3401 French In-Country Study 1**

4 credit points. Semester: 1. Prerequisite: Permission of Department of French Studies.

*NB: Permission required for enrolment.*

Students undertaking in-country study will enrol in one or more of the units FRNC 3401, FRNC 3402, FRNC 3403, FRNC 3404, in consultation with the Department of French Studies.

#### **FRNC 3402 French In-Country Study 2**

4 credit points. Semester: 2. Prerequisite: Permission of Department of French Studies.

*NB: Permission required for enrolment.*

As for FRNC 3401.

#### **FRNC 3403 French In-Country Study 3**

4 credit points. Semester: 1. Prerequisite: Permission of Department of French Studies.

*NB: Permission required for enrolment.*

As for FRNC 3401.

#### **FRNC 3404 French In-Country Study 4**

4 credit points. Semester: 2. Prerequisite: Permission of Department of French Studies.

*NB: Permission required for enrolment.*

As for FRNC 3401.

#### **FRNC 3603 Textual Linguistics**

4 credit points. Dr Caffarel. Semester: 2. Classes: 2 classes per week. Prerequisite: FRNC 1302 or FRNC 2502. Assessment: Class work, assignments.

This unit of study focuses on the French linguistic system in more detail and explores how semantic and lexico-grammatical resources are deployed to create meaning in various text types. This unit provides the student with linguistic tools for the analysis and the interpretation of French texts in relation to their context.

#### *Textbooks*

Duplicated material will be available from the department.

#### **FRNC 3703 Intellectual Movements Since 1945**

4 credit points. Dr Rechniewski. Semester: 1. Classes: 2 classes per week. Prerequisite: FRNC 1302 or FRNC 2502. Assessment: Class paper, essay.

This unit of study will examine intellectual movements in France since World War II, in particular existentialism, structuralism and post-structuralism, in relation to the different challenges they pose to the tradition of Enlightenment philosophy. The analysis will be placed in the context of the tradition of 'engagement' and the contribution of intellectuals, in particular Sartre and Foucault, to social and political debate. This unit is primarily designed for third year advanced students.

#### *Textbooks*

Sartre. *L'Existentialisme est un humanisme*.

Dossier of texts supplied by the department.

#### **FRNC 3705 Sociology of Literature**

4 credit points. Dr Caffarel, A/Professor Sankey. Semester: 2. Classes: 2 classes per week. Prerequisite: FRNC 1302 or FRNC 2502. Assessment: Class paper, essay.

This unit of study examines theories of social analysis and artistic creation in relation to the written text. The course will focus particularly on the sociological theories of Lucien Goldmann, Pierre Macherey and Pierre Bourdieu and on the social semiotics theories of Mikhail Bakhtin and Michael Halliday. These theories will provide the basis for a close reading and analysis of the novels Proust: 'Un Amour de Swann' and Boris Vian: 'L'Écume des jours'.

#### *Textbooks*

Marcel Proust 'Un Amour de Swann' (Folio)

Boris Vian: 'L'Écume des jours' (Folio)

Dossiers of texts to be supplied by the department.

**FRNC3712 Quebec**

4 credit points. Mr Walkley. **Semester:** 1. **Classes:** 2 classes per week.

**Prerequisite:** FRNC 1302 or FRNC 2502. **Prohibition:** FRNC 2712.

**Assessment:** Classwork, assignments, tests, examination.

This unit of study offers an introduction to Francophone literature and culture in Quebec.

*Textbooks*

L. Hemon. Maria Chapdelaine (Livre de poche).

**FRNC 3805 French Popular Culture**

4 credit points. Dr Grauby. **Semester:** 1. **Classes:** 2 classes per week.

**Prerequisite:** FRNC 1302 or FRNC 2502. **Assessment:** Class work, written assignment, oral presentation.

The aim of this unit of study is to define and study French popular culture. What are the distinctions between popular culture and elite culture? How is the audience for popular culture characterised? By studying different media (popular literature, rap music, advertising, comic strips, etc.), the unit will analyse the elements that characterise popular culture and discuss its social, ideological and psychological functions.

Theoretical discussions will be based on the studies of R. Barthes, U. Eco, J. Baudrillard and J. Duvignaud.

*Textbooks*

A 'dossier de textes' will be provided.

**FRNC 3907 French Classicism**

4 credit points. Dr Winter. **Semester:** 1. **Classes:** 2 classes per week.

**Prerequisite:** Credit in FRNC 1302 or in FRNC 2502. **Assessment:** Class work, essay.

This Special Entry unit of study is one of those that serve as a prerequisite for admission to Honours. It may also be taken by students with a credit average as an additional unit.

The unit is an introduction to the literature and thought of the French seventeenth century Classical movement.

*Textbooks*

Texts to be announced.

**FRNC 3908 French Enlightenment**

4 credit points. A/Professor Sankey. **Semester:** 2. **Classes:** 2 classes per week. **Prerequisite:** FRNC 3907. **Assessment:** Class work, essay.

This Special Entry unit of study is one of those that serve as a prerequisite for admission to Honours. It may also be taken by students with a credit average as an additional unit.

The unit 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).

**FRNC 4011 French Honours A**

12 credit points. Dr Grauby. **Semester:** 1, 2. **Classes:** 6 hours per week.

**Prerequisite:** Major in Advanced French or in French with credit average in 48 Senior units, including at least two of the following Special Entry units: FRNC 2901, FRNC 3906, FRNC 3907, FRNC 3908, FRNC 3909 or equivalent. **Assessment:** Class work, assignments, thesis.

*NB: Permission required for enrolment.*

The Fourth Year Honours program consists of the following segments:

**(a) Practical Language**

Dr. F. Grauby. **Classes:** Semesters 1 and 2. 2 classes per week.

**Assessment:** class work and assignments.

The aim of the segment is to further the acquisition of skills necessary for the writing of a thesis.

*Textbooks*

M Royer and F Grauby. Recherche: Mode d'emploi (French-Australian Research Centre)

**(b) Thesis in French (12,000-15,000 words)**

The thesis topic will normally be related to one of the seminars chosen by students under (c) below. A supervisor will be appointed.

**(c) Four Semester-length seminars, as below:**

Note that not all of the proposed seminars will be offered, unless justified by student numbers. Prospective Honours students will be consulted about their preferences in the second semester of their third year.

**(1) Grammaire du texte**

Dr Caffarel. **Classes:** Semester 1. 2 classes per week.

**Assessment:** Class work, assignments.

This seminar will focus on the textual significance of grammatical choices in texts. It will provide students with

linguistic tools for understanding 'how a text comes to mean what it does'. This seminar will enable students to describe and interpret the patterns of meaning of texts of their choosing; literary texts, poems, advertisements, sports commentaries, essays, news stories, scientific texts etc. In addition, it will equip students with an explicit knowledge of how the French Language construes different types of meaning in different contexts of use. This seminar is offered to students with or without prior linguistic knowledge.

**Textbooks:** Duplicated material will be made available by the department.

*Theory and practice of Translation*

Mr Cowley and A/Professor Sankey. **Classes:** Semester 2, 2 classes per week. **Assessment:** class work, assignments.

This seminar introduces students to a range of issues in translation theory, both through hands-on practical work and through critical reading of theoretical texts from a variety of genres, disciplines and periods. It also introduces students to the difficulties involved in the practice of translation, and focuses on techniques for overcoming them.

**Textbooks:** A dossier of texts to be provided by the department.

*Écritures du corps*

Dr Grauby. **Classes:** Semester 1,2 classes per week. **Assessment:** class work, assignments.

This seminar will involve critical theories on the body in the text, as presented in French philosophy (Descartes, Merleau-Ponty, Foucault), psycho-analysis and feminist thought. An intensive study of the representation of the body will be proposed in three French novels of the twentieth century.

**Textbooks:** Herve Guibert, Le Protocole compassionnel.

Valerie Valere, Le Pavillon des Enfants Fous. Philippe Djian, 37<sup>2</sup> le matin.

*Francophone literature of Quebec and Acadia*

Mr Walkley. **Classes:** Semester 2, 2 classes per week.

This seminar will examine and compare two francophone literatures and cultures which have developed in North America: Quebec and Acadia. Both Quebec and Acadian societies have a long history, dating back to the beginning of the 17th century. Their various developments will be considered, but the principal focus will be on 20th century literature. Quebec's 'Révolution tranquille' of the 1960s has its counterpart in the engaged revival of the concept of 'Acadia' from the 1980s on.

*Textbook*

Louis Hemon, Maria Chapdelaine (Bibliothèque Québécoise).

**FRNC 4012 French Honours B**

12 credit points. Dr Grauby. **Semester:** 1,2.

Please refer to FRNC 4011.

**FRNC 4013 French Honours C**

12 credit points. Dr Grauby. **Semester:** 1,2.

Please refer to FRNC 4011.

**FRNC 4014 French Honours D**

12 credit points. Dr Grauby. **Semester:** 1,2.

Please refer to FRNC 4011.

■ **GRKA****GRKA 1001 Greek 1.1**

6 credit points. Dr MacAlister. **Semester:** 1. **Classes:** 4 lec & 1 tut/wk.

**Prohibition:** GRKA 1101, GRKA 1201. **Assessment:** one 2hr exam, classwork, weekly assignments.

1. Classical grammar with graded texts and exercises.
2. Translation to and from Classical Greek.
3. Cultural, social and historical background is illustrated by the graded readings and prescribed texts.

*Textbooks*

JACT Reading Greek (Text), Reading Greek (Grammar) (C.U.P.)

Abbott and Mansfield. A Primer of Greek Grammar (Duckworth)

Liddell and Scott. Abridged Greek Lexicon (O.U.R)

**GRKA 1002 Greek 1.2**

6 credit points. Dr MacAlister. **Semester:** 2. **Classes:** 4 lec & 1 tut/wk.

**Prerequisite:** GRKA 1001. **Prohibition:** GRKA 1102, GRKA 1202.

**Assessment:** one 2hr exam, classwork, weekly assignments, test.

1. Classical grammar with graded texts and exercises
2. Prescribed texts: selections from a prose author or a verse author
3. Translation to and from Classical Greek

4. Cultural, social and historical background as illustrated by the graded readings and prescribed texts.

*Textbooks*

JACT Reading Greek (Text), Reading Greek (Grammar) (C.U.P.)

either

Chariton's novel Chaireas and Kallirhoe (text to be supplied)

or

Scenes from Euripides ed. Kennedy

Abbott and Mansfield. A Primer of Greek Grammar (Duckworth)

Liddell and Scott. Abridged Greek Lexicon (O.U.P.)

**GRKA 1101 Advanced Greek 1.1**

6 credit points. **Semester:** 1. **Classes:** 4 lec/wk. **Prerequisite:** HSC Classical Greek 2 unit. **Prohibition:** GRKA 1001, GRKA 1201.

**Assessment:** one 2hr exam, one 1.5hr exam, one 1500w essay, classwork.

1. Language
2. One set text

The text to be studied will be posted on the Greek noticeboard before the end of teaching in Semester 2 of the previous year.

*Textbooks*

JACT Reading Greek (Text), Reading Greek (Grammar) (CUP)

**GRKA 1102 Advanced Greek 1.2**

6 credit points. **Semester:** 2. **Classes:** 4 lec/wk. **Prerequisite:** GRKA 1101. **Prohibition:** GRKA 1002, GRKA 1202. **Assessment:** two 2hr exams, one 1500 w essay, classwork.

1. Language
2. One major set text
3. One minor set text

Texts to be studied will be posted on the Greek noticeboard before the end of teaching in Semester 2 of the previous year.

*Textbooks*

(i) a standard Greek grammar; either

W.W. Goodwin. Greek Grammar (Macmillan); or

H.W. Smyth. Greek Grammar for Colleges (Harvard U.P.)

(ii) a lexicon; either

Liddell and Scott. Intermediate Greek Lexicon (Oxford U.P.); or

Liddell and Scott. Greek Lexicon 9th edn with supplement (Oxford U.P.)

**GRKA 2003 Greek 2.1**

8 credit points. **Semester:** 1. **Classes:** 4 lec/wk. **Prerequisite:** GRKA 1002 or GRKA 1001 +1202 (high standard) or GRKA 2302 + GRKA 2312. **Assessment:** one 2hr exam, one 1.5 hr exam, one 1500w essay, classwork.

1. Language
2. One set text

The text to be studied will be posted on the Greek noticeboard before the end of teaching in Semester 2 of the previous year.

*Textbooks*

JACT Reading Greek (Text), Reading Greek (Grammar) (CUP)

**GRKA 2004 Greek 2.2**

8 credit points. **Semester:** 2. **Classes:** 4 lec/wk. **Prerequisite:** GRKA 2003. **Assessment:** two 2 hr exams, one 1500w essay, classwork.

1. Language
2. One major set text
3. One minor set text

Texts to be studied will be posted on the Greek noticeboard before the end of teaching in Semester 2 of the previous year.

*Textbooks*

(i) a standard Greek grammar; either

W.W. Goodwin. Greek Grammar (Macmillan), or

H.W. Smyth. Greek Grammar for Colleges (Harvard U.P.)

(ii) a lexicon; either

Liddell and Scott. Intermediate Greek Lexicon (Oxford U.P.); or

Liddell and Scott. Greek Lexicon 9th edn with supplement (Oxford U.P.)

**GRKA 2103 Advanced Greek 2.1**

8 credit points. **Semester:** 1. **Classes:** 3 lec/wk. **Prerequisite:** GRKA 1102. **Assessment:** one 1.5hr, two 2hr exams (or equivalent), one 1750w essay, classwork.....

1. Language
2. One set text
3. One extension topic

Extension topics and texts will be posted on the Greek noticeboard before the end of teaching in Semester 2 of the previous year.

**GRKA 2104 Advanced Greek 2.2**

8 credit points. **Semester:** 2. **Classes:** 3 lec/wk. **Prerequisite:** GRKA 2103. **Assessment:** one 1.5hr, two 2hr and one 3hr exams (or equivalent), one 1750 essay, classwork.

1. Language
2. One set text
3. One extension topic

Extension topics and texts will be posted on the Greek noticeboard before the end of teaching in Semester 2 of the previous year.

**GRKA 2301 Accelerated Greek 2.1**

4 credit points. Dr MacAlister. **Semester:** 1. **Classes:** 3 classes/wk. **Prerequisite:** 18 Junior credit points including 12 credit points in Archaeology or Classical Civilisation or Latin or Ancient History or Philosophy. **Corequisite:** 8 Senior credit points in Archaeology or Classics or Ancient History or Philosophy. **Prohibition:** GRKA 1001. **Assessment:** weekly assignments, classwork, one 1.5hr exam. This unit of study is an abbreviated version of Greek 1.1 and provides a reading knowledge of Classical Greek prose.

**GRKA 2302 Accelerated Greek 2.2**

4 credit points. Dr MacAlister. **Semester:** 2. **Classes:** 3 classes/wk. **Prerequisite:** GRKA 2301. **Prohibition:** GRKA 1002. **Assessment:** weekly assignments, classwork, one 1.5hr exam. This unit of study is an abbreviated version of Greek 1.2 and provides a reading knowledge of Classical Greek prose.

**GRKA 2312 Accelerated Greek 2 Additional**

4 credit points. Dr MacAlister. **Semester:** 2. **Classes:** 1 lec/wk & 1 tut (optional). **Prerequisite:** GRKA 2301. **Corequisite:** GRKA 2302. **Assessment:** on-going assignments, classwork, test. This unit of study functions as a 'bridging course' between Accelerated Greek 2 and Greek 2, to enable students of Accelerated Greek 2 to study further Greek to a higher level in subsequent years.

**GRKA 2901 Special Greek 2.1**

4 credit points. **Semester:** 1. **Classes:** 2 classes/wk. **Prerequisite:** GRKA 1101 + GRKA 1102 (credit) or GRKA 1001 + GRKA 1002 (credit) OR GRKA 1201 + GRKA 1202 (satisfactory standard) or GRKA 2301 + GRKA 2302 + GRKA 2312 (credit). **Corequisite:** GRKA 2103 or GRKA 2003. **Assessment:** one 2hr exam or equivalent.

Two Extension Topics. Extension Topics will be posted on the Greek noticeboard before the end of teaching in Semester 2 of the previous year.

**GRKA 2902 Special Greek 2.2**

4 credit points. **Semester:** 2. **Classes:** 2 classes/wk. **Prerequisite:** GRKA 2901. **Corequisite:** GRKA 2104 or GRKA 2004. **Assessment:** one 2hr exam or equivalent.

Two Extension Topics. Extension Topics will be posted on the Greek noticeboard before the end of teaching in Semester 2 of the previous year.

**GRKA 3005 Greek 3.1**

8 credit points. **Semester:** 1. **Classes:** 3 lec/wk. **Prerequisite:** GRKA 2004. **Assessment:** two 2hr, one 1.5hr exams (or equivalent), one 1750w essay, classwork.

1. Language
2. One set text
3. One extension topic

Extension topics and texts will be posted on the Greek noticeboard before the end of teaching in Semester 2 of the previous year.

**GRKA 3006 Greek 3.2**

8 credit points. **Semester:** 2. **Classes:** 3 lec/wk. **Prerequisite:** GRKA 3005. **Assessment:** two 2hr, one 1.5hr exams, one 1750w essay, classwork.

1. Language
2. One set text
3. One extension topic

Extension topics and texts will be posted on the Greek noticeboard before the end of teaching in Semester 2 of the previous year.

**GRKA 3105 Advanced Greek 3.1**

8 credit points. **Semester:** 1. **Classes:** 3 lec/wk. **Prerequisite:** GRKA 2104 or GHKA 3006. **Assessment:** two 2hr, one 1.5hr exams, one 1750w essay, classwork.

1. Language
2. One set text
3. One extension topic

Extension topics and texts will be posted on the Greek noticeboard before the end of teaching in Semester 2 of the previous year.

**GRKA 3106 Advanced Greek 3.2**

8 credit points. **Semester:** 2. **Classes:** 3 lec/wk. **Prerequisite:** GRKA 3105. **Assessment:** two 2hr, one 1.5hr exams, one 1750w essay, classwork.

1. Language
2. One set text

## 3. One extension topic

Extension topics and texts will be posted on the Greek noticeboard before the end of teaching in Semester 2 of the previous year.

**GRKA 3903 Special Greek 3.1**

4 credit points. **Semester:** 1. **Classes:** 2 classes/wk. **Prerequisite:** Credit average in 24 credit points of 2000 level Greek incl GRKA 2901 + GRKA 2902. **Corequisite:** GRKA 3105 or GRKA 3005. **Assessment:** one 2hr exam or equivalent.

Two Extension Topics. Extension Topics will be posted on the Greek noticeboard before the end of teaching in Semester 2 of the previous year.

**GRKA 3904 Special Greek 3.2**

4 credit points. **Semester:** 2. **Classes:** 2 classes/wk. **Prerequisite:** GRKA 3903. **Corequisite:** GRKA 3106 or GRKA 3006. **Assessment:** one 2hr exam or equivalent.

Two Extension Topics. Extension Topics will be posted on the Greek noticeboard before the end of teaching in Semester 2 of the previous year.

**GRKA 4011 Greek Honours A**

12 credit points. Staff. **Semester:** 1,2. **Classes:** two 1 hr seminars/wk. **Prerequisite:** Credit in 60 credit points of Greek incl GRKA 3903 + GRKA 3904 and either GRKA 3105 + GRKA 3106 or GRKA 3005 + GRKA 3006. **Assessment:** four 2 hr exams or equivalent, one 1.5 hr and one 3 hr exam.

*NB: Permission required for enrolment.*

- Two extension topics. Extension topics will be posted on the Greek noticeboard before the end of teaching in Semester 2 of the previous year.
- Independent reading: texts will be prescribed for independent reading, to widen student's acquaintance with Greek literature and train advanced reading skills.
- Unseen translation.
- Supervised research leading to a thesis of 15,000-20,000 words on an approved topic related to Greek studies. A candidate who has Faculty permission to attempt Honours in both Greek and Latin in the same year may present one, more comprehensive, thesis on a topic approved by Classics staff.

**GRKA 4012 Greek Honours B**

12 credit points. Semester: 1,2.  
Refer to GRKA 4011

**GRKA4013 Greek Honours C**

12 credit points. Semester: 1,2.  
Refer to GRKA 4011

**GRKA 4014 Greek Honours D**

12 credit points. Semester: 1,2.  
Refer to GRKA 4011

■ **GRLT****GRLT 2301 Greek and Roman Literature - Epic**

8 credit points. Dr MacAlister, Ms Muecke, Drs L and P Watson. Semester: 1. **Classes:** 2 lectures. **Prerequisite:** 18 Junior credit points. **Assessment:** one 2000 word essay, one 1000 word assignment, one take-home exam, attendance and participation.

The ancient epics have shaped the European literary imagination up to our own day. What is the power that makes these narratives of concern to us today? They are masterpieces of story-telling, dealing with issues of universal concern such as life and death, love, war, and the journey of experience. A literary masterpiece, Virgil's Aeneid, pulls together all these themes, as a re-telling of earlier epic for the conquerors of the Mediterranean world. For its part, Greek epic begins in the context of oral story-telling, before the invention of writing, with roots that certainly go back to the Bronze Age; it functions both as entertainment and as an exploration and validation of social values. This unit of study provides an opportunity to explore ancient epic in depth, while raising questions about epic as a narrative form which point ahead to the novels studied in the Second Semester.

*Textbooks*

Homer Odyssey trans. W. Shewring (Oxford U.P.)  
Homer Iliad trans. M. Hammond (Penguin Classics)  
Virgil Aeneid trans. C. Day Lewis (Oxford U.P.)

**GRLT 2302 Greek and Roman Literature - Novel**

8 credit points. Dr MacAlister and Dr L. Watson. **Semester:** 2. **Classes:** 2 lectures. **Prerequisite:** GRLT 2301 or 18 Junior credit points. **Assessment:** one 2000w essay, one 1000w assignment, take-home exam, attendance and participation.

Recently the ancient novel has become the focus of considerable critical interest. Modern literary theory has interrogated the ancient novel for its contribution to debates about the nature and origins of the 'novel'. Interpretation of the ancient novel has centred on its relationship to the ancient narrative tradition (both epic and oral narratives such as folktale), its making new of traditional motifs and themes, and its introduction of new material and preoccupations (especially love). The unit of study treats the ancient novel in terms of modern literary theory; it explores the differences between the Greek and Roman novels; it emphasises the importance of understanding the 'genre' in its cultural and social contexts.

*Textbooks*

B. Reardon (ed.) Collected Ancient Greek Novels (Berkeley and Los Angeles, 1989) (paperback edn)  
Petronius Satyricon trans. J.P. Sullivan (Penguin Classics)  
Apuleius The Golden Ass trans. P.G. Walsh [World's Classics]

■ **GRMN****GRMN 1111 Junior Introductory German 1**

- 6 credit points. Coordinator: Associate Professor Clifton-Everest. **Semester:** 1. **Classes:** Four hours per week. **Prerequisite:** May not be taken by a student who is eligible to take Junior Intermediate German or Junior Advanced German units of study. **Assessment:** Continuous assessment; one 2 hour examination.

Practical language classes based on a communicative approach that aim to develop the following language skills: speaking and understanding basic conversational German, writing German of an everyday kind and reading simple German texts.

Students intending to major in German are strongly advised to enrol as well in Beginners' Oral/Aural German (GRMN 1133).

*Textbooks*

AufderstraBe et al, Themen neu 1. Kursbuch (Hueber).  
Bock et al, Themen neu 1. Workbook. (Hueber).

**GRMN 1122 Junior Introductory German 2**

6 credit points. Coordinator: Dr Bandhauer. **Semester:** 2. **Classes:** Four hours per week. **Prerequisite:** GRMN 1111. **Assessment:** Continuous assessment; one 2 hour examination.

Practical language classes based on a communicative approach. These classes will develop and extend the language skills acquired in First Semester.

*Textbooks*

AufderstraBe et al, Themen neu 1. Kursbuch (Hueber).  
Bock et al, Themen neu 1. Workbook. (Hueber).

**GRMN 1133 Beginners' Oral/Aural German**

6 credit points. Coordinator: Dr Bandhauer. **Semester:** 1. **Classes:** Four hours per week. **Corequisite:** GRMN 1111. **Prohibition:** GRMN 1131, GRMN 1132. **Assessment:** Continuous assessment; one 2 hour examination.

Classes on geography, history and society of the German-speaking countries: 1 hour per week. This component aims particularly to develop students' aural skills.

Reading classes: 1 hour per week. This class will be devoted to the reading of graded German texts to develop the students' command of grammar and vocabulary.

Oral/aural classes: 2 hours per week. Here the listening and speaking skills required to cope with everyday life in a German-speaking country will be built up.

*Textbooks*

Beginners' Oral/Aural Course Pack (UPS)

**GRMN 1211 Junior Intermediate German 1**

6 credit points. Coordinator: Dr Borgert. Semester: 1. **Classes:** 4 hours per week. **Prerequisite:** HSC German Beginners or the older HSC German 2-Unit (below 70), 2-Unit Z or 2-Unit General at a satisfactory standard or equivalent determined by the Department. **Assessment:** Continuous assessment; two 1 hour examinations.

Practical language classes, including conversation classes: 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 the students' reading and comprehension skills and provides an introduction to the skills of literary analysis.

*Textbooks*

Departmental Revision Course (UPS)  
Haussermann et al, Sprachkurs Deutsch Bd. 2 (Diesterweg)  
Teichert et al, Allerlei zum Lesen (D.C. Heath and Company)

**GRMN 1222 Junior Intermediate German 2**

6 credit points. Coordinator: Dr Borgert. **Semester: 2. Classes: 4 hours per week. Prerequisite:** GRMN 1211. **Assessment:** Continuous assessment; two 1 hour examinations.

Practical language classes, including conversation classes: 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 the students' reading and comprehension skills and provides an introduction to the skills of literary analysis.

*Textbooks*

Haussermann et al, Sprachkurs Deutsch Bd. 2 (Diesterweg)  
Rinser, Jan Lobel aus Warschau (Reclam UB 8897)  
Frisch, Biedermann und the Brandstifter (Suhrkamp es 41)

**GRMN 1311 Junior Advanced German 1**

6 credit points. Coordinator: Dr Borgert. **Semester: 1. Classes: 4 hours per week. Prerequisite:** HSC German Extension or German Continuers or the older HSC German 3-Unit or 2-Unit (70+) at a satisfactory standard or equivalent determined by the Department. **Assessment:** Continuous assessment; two 1 hour examinations.

Practical language classes, including conversation classes: 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 the students' appreciation of literature and introduce them to the skills of literary analysis.

*Textbooks*

Borgert, Moulden, Wolters, German in Focus (UPS)  
German Short Stories Course Pack (UPS)  
Durrenmatt, Der Besuch der alten Dame (Diogenes detebe 23045)

**GRMN 1322 Junior Advanced German 2**

6 credit points. Coordinator: Dr Borgert. **Semester: 2. Classes: 4 hours per week. Prerequisite:** GRMN 1311. **Assessment:** Continuous assessment; two 1 hour examinations.

Practical language classes, including conversation classes: 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 the students' appreciation of literature and introduce them to the skills of literary analysis.

*Textbooks*

Borgert, Moulden, Wolters, German in Focus (UPS)  
German Poetry Course Pack (UPS)  
Horvath, Jugend ohne Gott (Suhrkamp st 274)

**GRMN 2211 Senior Intermediate German 1**

8 credit points. Coordinator: Dr Moulden. **Semester: 1. Classes: 4 hours per week. Prerequisite:** GRMN 1122. **Assessment:** Continuous assessment; one 1 hour and one 1.5 hour examination.

Designed to consolidate and extend the basic German knowledge gained in Junior Introductory German 1 and 2. Language classes will practise both written and oral / aural skills, and these will be complemented by reading classes.

*Textbooks*

AufderstraBe et al, Themen neu 2. Kursbuch (Hueber)  
AufderstraBe et al, Themen neu 2. Arbeitsbuch (Hueber)  
Teichert et al, Allerlei zum Lesen (D.C. Heath and Company)

**GRMN 2222 Senior Intermediate German 2**

8 credit points. Coordinator: Dr Moulden. **Semester: 2. Classes: 4 hours per week. Prerequisite:** GRMN 2211. **Assessment:** Continuous assessment; one 1 hour and one 1.5 hour examination.

Designed to consolidate and extend the German knowledge gained in Senior Intermediate German 1. Language classes will practise both written and oral / aural skills, and these will be complemented by reading classes.

*Textbooks*

AufderstraBe et al, Themen neu 2. Kursbuch (Hueber)  
AufderstraBe et al, Themen neu 2. Arbeitsbuch (Hueber)  
Rinser, Jan Lobel aus Warschau (Reclam UB 8897)  
Frisch, Biedermann und the Brandstifter (Suhrkamp es 41)

**GRMN 2311 Senior Advanced German Language 1**

4 credit points. Coordinator: Dr Moulden. **Semester: 1. Classes: 2 hours per week. Prerequisite:** Either GRMN 1222 or GRMN 2222. **Assessment:** Continuous assessment; one 1.5 hour examination.

Designed to consolidate and extend the students' command of the German language by practising both written and oral / aural skills at a level higher than the level already completed.

*Textbooks*

AufderstraBe et al, Themen neu 3. Kursbuch (Hueber).

Bock et al, Themen neu 3. Arbeitsbuch (Hueber).

**GRMN 2322 Senior Advanced German Language 2**

4 credit points. Coordinator: Dr Moulden. **Semester: 2. Classes: 2 hours per week. Prerequisite:** Either GRMN 1222 or GRMN 2222 or GRMN 2311. **Assessment:** Continuous assessment; one 1.5 hour examination. Designed to consolidate and extend the students' command of the German language by practising both written and oral / aural skills at a level higher than the level already completed.

*Textbooks*

AufderstraBe et al, Themen neu 3. Kursbuch (Hueber).  
Bock et al, Themen neu 3. Arbeitsbuch (Hueber).

**GRMN 2331 Senior Advanced German Language 3**

4 credit points. Dr Moulden. **Semester: 1. Classes: 2 hours per week. Prerequisite:** Either GRMN 1322 or GRMN 2222 or both of GRMN 2311 and GRMN 2322. **Assessment:** Continuous assessment; one 1.5 hour examination.

Designed to consolidate and extend the students' command of the German language by practising both written and oral / aural skills at a level higher than the level already completed.

*Textbooks*

Moulden, Simalabim! Bd. 1 (UPS)

**GRMN 2342 Senior Advanced German Language 4**

4 credit points. Dr Moulden. **Semester: 2. Classes: 2 hours per week. Prerequisite:** Either GRMN 1322 or GRMN 2331 or GRMN 2222 or both of GRMN 2311 and GRMN 2322. **Assessment:** Continuous assessment; one 1.5 hour examination.

Designed to consolidate and extend the students' command of the German language by practising both written and oral / aural skills at a level higher than the level already completed.

*Textbooks*

Moulden, Simalabim! Bd. 2 (UPS)

**GRMN 2351 Senior Advanced German Language 5**

4 credit points. Dr Bandhauer. **Semester: 1. Classes: 2 hours per week. Prerequisite:** Two units of study from GRMN 2311, GRMN 2322, GRMN 2331, GRMN 2342 or GRMN 2750. **Assessment:** Continuous assessment; one 1.5 hour examination.

Designed to consolidate and extend the students' command of the German language by practising both written and oral / aural skills at a level higher than the level already completed.

*Textbooks*

SAGL 5 Course Pack (UPS)

**GRMN 2362 Senior Advanced German Language 6**

4 credit points. Dr Bandhauer. **Semester: 2. Classes: 2 hours per week. Prerequisite:** Two units of study from GRMN 2311, GRMN 2322, GRMN 2331, GRMN 2342, GRMN 2351 or GRMN 2750. **Assessment:** Continuous assessment; one 1.5 hour examination.

Designed to consolidate and extend the students' command of the German language by practising both written and oral / aural skills at a level higher than the level already completed.

*Textbooks*

SAGL 6 Course Pack (UPS)

**GRMN 2450 Early 20th Century German Literature**

8 credit points. Coordinator: Dr Moulden. **Semester: 1. Classes: Two 1 hour lectures and one 1 hour seminar. Prerequisite:** 12 credit points from GRMN 1111, GRMN 1122, GRMN 1211, GRMN 1222, GRMN 1311, GRMN 1322. **Prohibition:** GRMN 2410. **Assessment:** One 3000 word essay, student presentation in class, one 1.5 hour examination. This unit will provide students with a broad and comprehensive survey of German literature from the beginning of the 20th century through to about the end of World War II, by the study of representative, major works from the period.

*Textbooks*

Schnitzler, Die Braut. Studie. Die Traumnovelle. (Reclam UB 9811)  
Mann, Tomio Kroger. Mario und der Zauberer (Fischer Tb. 1381)  
Das Cabinet des Dr. Caligari / Metropolis (Films). Expressionism Course Pack (UPS)  
Kafka, Das Urteil und andere Erzählungen (Fischer Tb. 19)  
Hesse, Siddhartha (Suhrkamp si: 182)  
Horvath, Kasimir und Karoline (Suhrkamp st 2371)  
Brecht, Der aufhaltsame Aufstieg des Arturo Ui (Suhrkamp es 144)

**GRMN 2451 Later 20th Century German Literature**

8 credit points. Coordinator: Dr Moulden. **Semester: 2. Classes: Two 1 hour lectures and one 1 hour seminar per week. Prerequisite:** 12 credit points from GRMN 1111, GRMN 1122, GRMN 1211, GRMN 1222, GRMN 1311, GRMN 1322. **Prohibition:** GRMN 2420. **Assessment:** One 3000 word essay, student presentation in class, one 1.5 hour examination.

This unit will provide students with a broad and comprehensive survey of German literature from the end of World War II to the end of the 20th century by the study of representative, major works from the period.

*Textbooks*

Hederer (Hrsg.), Das deutsche Gedicht vom Mittelalter bis zum 20. Jahrhundert (Fischer Tb. 155)  
 Dttrenmatt, Romulus der Große (Diogenes de tebe 23042)  
 Die Ehe der Maria Braun Course Pack (UPS)  
 Boll, Das Brot der frühen Jahre (dtv 1374)  
 Wolf, Der geteilte Himmel (dtv Tb. 915)  
 Grass, Katz und Maus (Reihe Hanser 62049)  
 Schneider, Schlafes Bruder (Reclam Leipzig, RBL 1518)

**GRMN 2452 Goethe to Romanticism**

8 credit points. Coordinator: Dr Moulden. Semester: 1. Classes: Two 1 hour lectures and one 1 hour seminar per week. Prerequisite: 12 credit points from GRMN 1111, GRMN 1122, GRMN 1211, GRMN 1222, GRMN 1311, GRMN 1322. Prohibition: GRMN 2430. Assessment: One 3000 word essay, student presentation in class, one 1.5 hour examination.

This unit will provide students with a broad and comprehensive survey of German literature from the age of Germany's greatest poet, Goethe, to about the middle of the 19th century, by the study of representative, major works from the period.

*Textbooks*

Hederer (Hrsg.), Das deutsche Gedicht vom Mittelalter bis zum 20. Jahrhundert (Fischer Tb. 155)  
 Goethe, Egmont (Reclam UB 75)  
 Schiller, Wilhelm Tell (Reclam UB 12)  
 Tieck, Der blonde Eckbert. Der Runenberg. Die Elfen. (Reclam UB 7732)  
 E.T.A. Hoffmann, Rat Krespel. Die Fermate. Don Juan (Reclam 5274)  
 Kleist, Die Verlobung in St. Domingo. Das Bettelweib von Locarno. Der Findling (Reclam UB 8003)  
 Büchner, Woyzeck. Leonce und Lena (Reclam, UB 7733)

**GRMN 2453 Later 19th Century German Literature**

8 credit points. Coordinator: Dr Moulden. Semester: 2. Classes: Two 1 hour lectures and one 1 hour seminar per week. Prerequisite: 12 credit points from GRMN 1111, GRMN 1122, GRMN 1211, GRMN 1222, GRMN 1311, GRMN 1322. Prohibition: GRMN 2440. Assessment: One 3000 word essay, student presentation in class, one 1.5 hour examination.

This unit will provide students with a broad and comprehensive survey of German literature from the middle of the 19th century through the age of emergent realism to the end of the century by the study of representative, major works from the period.

*Textbooks*

Hederer (Hrsg.), Das deutsche Gedicht vom Mittelalter bis zum 20. Jahrhundert (Fischer Tb. 155)  
 Heibel, Agnes Bernauer (Reclam UB 4268)  
 Keller, Romeo und Julia auf dem Dorfe (Reclam UB 6172)  
 Wagner, Die Meistersinger von Nürnberg (Reclam UB 5639)  
 Fontane, Stine (Reclam UB 7693)  
 Hauptmann, Bahnwärter Thiel (Reclam 6617)  
 Hofmannsthal, Reitergeschichte und andere Erzählungen (Reclam UB 18039)

**GRMN 2750 Business German**

8 credit points. Coordinator: Dr Bandhauer. Semester: 2. Classes: Two 1 hour lectures and one 1 hour tutorial. Prerequisite: 12 credit points from GRMN 1211, GRMN 1222, GRMN 1311, GRMN 1322 or 8 credit points from GRMN 2211 or GRMN 2222. Assessment: Continuous assessment; one 2 hour examination.

Develops and practises the language skills, both oral and written, necessary for working in a German business environment. The unit 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 I. (Hueber).  
 Becker, Braunert, Eisfeld, Dialog Beruf I. Arbeitsbuch (Hueber).

**GRMN 2911 Medieval German: Language and Literature**

8 credit points. Associate Professor Clifton=Everest. Semester: 1. Classes: Two 1 hour lectures and one 1 hour seminar per week. Prerequisite: Credit Results in 12 credit points from GRMN 1111, GRMN 1122, GRMN 1211, GRMN 1222, GRMN 1311, GRMN 1322. Prohibition: GRMN 2920. Assessment: One 3000-word essay, student presentation in class, one 1.5 hour examination.

An introduction to the Middle High German language concentrating on the skills necessary for reading verse-narrative and lyrical works from the beginning of the 13th century. A detailed reading of a major Arthurian romance from the period, emphasising the importance of the historical background and characteristics of the genre to its proper understanding. A study of some major lyrical works of the period (Walther von der Vogelweide), investigating the concept of Courtly Love and its influence on modern ideas.

*Textbooks*

Taubert, Mittelhochdeutsche Kurzgrammatik (Nussrainer Isen)  
 Hartmann von Aue, Erec (Fischer Tb 6017)  
 Medieval German Course Pack (UPS)  
 Meurer (Hrsg.), Deutscher Minnesang (Reclam UB7857/8)  
**GRMN 2912 Goethe's 'Faust'**  
 8 credit points. Dr Moulden. Semester: 1. Classes: Two 1 hour lectures and one 1 hour seminar per week. Prerequisite: Credit results in 12 credit points from GRMN 1111, GRMN 1122, GRMN 1211, GRMN 1222, GRMN 1311, GRMN 1322. Prohibition: GRMN 2910. Assessment: One 3000 word essay, student presentation in class, one 1.5 hour examination.

The core of this unit is a detailed study of the First Part of Goethe's 'Faust' drama as well as excerpts from the Second Part. Additional material will examine the treatment of the subject matter before Goethe (eg, Volksbuch, Puppenspiele, Marlowe, Lessing), as well as through the 19th and into the 20th centuries.

*Textbooks*

Goethe, Faust. Der Tragödie erster Teil (Reclam UB 1)  
 Goethe's 'Faust' Course Pack (UPS)  
 Friedrich / Scheithauer, Kommentar zu Goethes Faust (Reclam UB 7177)  
**GRMN 2913 Contemporary German Fiction**  
 8 credit points. Dr Holbeche / Dr Nelson. Semester: 2. Classes: Two 1 hour lectures and one 1 hour seminar per week. Prerequisite: Credit results in 12 credit points from GRMN 1111, GRMN 1122, GRMN 1211, GRMN 1222, GRMN 1311, GRMN 1322. Assessment: 3000 word essay, student presentation in class, one 1.5 hour examination.

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 in the latter part of the twentieth century and an understanding of the relationship of literary texts to their historical and cultural contexts.

*Textbooks*

Hackel, Abschied von Sidonie (Diogenes de tebe 22428)  
 Schlink, Der Vorleser (Diogenes de tebe 22953)  
 Siiskind, Das Parfum (Diogenes de tebe 22800)  
 Streeruwitz, Verführungen (Suhrkamp st 3108)

**GRMN 3401 German In-Country Study 1**

4 credit points. Coordinator: Dr Moulden. Semester: 1,2. Prerequisite: 12 credit points from GRMN 1111, GRMN 1122, GRMN 1211, GRMN 1222, GRMN 1311, GRMN 1322.

*NB: Permission required for enrolment.*

Students undertaking In-Country study will enrol in this unit (and / or GRMN 3402, GRMN 3403, GRMN 3404 depending on the number of units being studied) in consultation with the Department of Germanic Studies.

**GRMN 3402 German In-Country Study 2**

4 credit points. Coordinator: Dr Moulden. Semester: 1,2. Prerequisite: 12 credit points from GRMN 1111, GRMN 1122, GRMN 1211, GRMN 1222, GRMN 1311, GRMN 1322.

*NB: Permission required for enrolment.*

See GRMN 3401.

**GRMN 3403 German In-Country Study 3**

4 credit points. Coordinator: Dr Moulden. Semester: 1,2. Prerequisite: 12 credit points from GRMN 1111, GRMN 1122, GRMN 1211, GRMN 1222, GRMN 1311, GRMN 1322.

*NB: Permission required for enrolment.*

See GRMN 3401.

**GRMN 3404 German In-Country Study 4**

4 credit points. Coordinator: Dr Moulden. Semester: 1,2. Prerequisite: 12 credit points from GRMN 1111, GRMN 1122, GRMN 1211, GRMN 1222, GRMN 1311, GRMN 1322.

*NB: Permission required for enrolment.*

See GRMN 3401.

**GRMN 4011 German Honours A**

12 credit points. Coordinator: Dr Moulden. Semester: 1,2. Classes: 5 hours per week. Prerequisite: A major in German following GRMN 1211 and GRMN 1222 or GRMN 1311 and GRMN 1322 and 16 further credit points from the GRMN 2900 units or a major in German following GRMN 1111 and GRMN 1122 and 16 further credit points from GRMN 2000 units, including 8 credit points from the GRMN 2900 units. Assessment: One 2 hour language examination; four 4000 word essays including two written in German; one long essay of 12,000-15,000 words.

*NB: Permission required for enrolment.*

This unit consists of the following segments:

- A. Advanced Language Tuition
- B. Writing of a long essay of 12,000-15,000 words to be researched and written over the whole year. A supervisor will be appointed.



C. Advanced seminars of which students are required to take 2 per semester. The seminars of which only FOUR or FIVE will take place are:

### 1. *Liebe als unmögliche Utopie: Liebesgeschichten in der modernen Literatur*

Dr A. Bandhauer. Classes: 2 hours per week. Assessment: one 4000 word essay.

This seminar will look at the deconstruction of traditional love stories and love myths. It will examine the role of women in such stories and at how the traditional love plot is rewritten in modern literature by women.

#### Textbooks

Bachmann, *Das dreiBigste Jahr* (Piper 1509).

Wolf, *Medea*. Stimmen (dtv 12444).

Maron, *Animal Triste* (Fischer Tb. 13933).

### 2. *Kafka's Novels*

Dr U. Borgert. Classes: 2 hours per week. Assessment: one 4000 word essay.

Franz Kafka was a born outsider whose graphic visions of distortion and alienation in an increasingly unstable world won him a position as one of the outstanding figures of twentieth century literature - and also one of the most teasing, in that his writing perfectly mirrors the multi-interpretability of the modern world. It is, therefore, not surprising that his work has been subjected to endless speculation. So far the interpreters have been preoccupied with interpreting Kafka from a particular point of view: religious, metaphysical, sociological or psychoanalytical. This course will look at Kafka's three novels and examine them on the levels suggested above.

#### Textbooks

Kafka, *Der Verschollene* (Fischer Tb. 12442).

Kafka, *DerProceB* (Fischer Tb. 12443).

Kafka, *Das SchloB* (Fischer Tb. 12444).

### 3. *Pardval*

Associate Professor J. Clifton-Everest. Classes: 2 hours per week. Assessment: one 4000 word essay.

This seminar will examine the largest of Germany's medieval Romances, Wolfram's version of the Grail story, much admired by his contemporaries and successors both. The seminar will look in particular at the parallelism of the worldly and the spiritual quests of knighthood, and the roles that chivalry and love play in their common fulfilment. Much of the text will be read in a modern German translation, with crucial parts in the original Middle High German.

#### Textbooks

Wolfram von Eschenbach, *Parzival* (Reclam UB 2681/2).

### 4. *Fontane*

Dr Y. Holbeche. Classes: 2 hours per week. Assessment: one 4000 word essay.

Theodor Fontane was the most important German novelist of the late nineteenth century. This seminar will study three of his novels which all revolve around problems of love and marriage. 'Effi Briest', a tragic novel of adultery in the tradition of 'Madame Bovary' and 'Anna Karenina', provides a critical analysis of the Prussian aristocracy and its anachronistic code of honour. The novel has been popular with film-makers and it is anticipated that at least one film version will be screened. 'L'Adultera' is likewise concerned with a case of adultery and its consequences, while 'Irrungen Wirungen' revolves around a 'mesalliance' between an aristocrat and a girl of humble origins which founders because of the strict social code of the time.

#### Textbooks

Fontane, *Effi Briest* (Reclam UB 6961).

Fontane, *Irrungen Wirungen* (Reclam UB 8971).

Fontane, *L'Adultera* (Reclam UB 7921).

### 5. *Prose Works of Thomas Mann*

Dr K. Moulden. Classes: 2 hours per week. Assessment: one 4000 word essay.

Thomas Mann is one of the most significant German prose writers of the 20th century. This seminar will treat in detail three of his earlier major works with their theme of the tension between 'Burgerlichkeit' and 'Kunsthlerum', between 'Leben' and 'Geist'. 'Buddenbrooks' examines this theme through the depiction of the downfall, over four generations, of a 19th century Hanseatic family; 'Tonio Kroger' and 'Der Tod in Venedig' illuminate varying aspects of the theme through the in depth analysis of the central artist figures.

#### Textbooks

Mann, *Buddenbrooks* (Fischer Tb. 9431).

Mann, *Tonio Kroger. Mario und der Zauberer* (Fischer Tb. 1381).

Mann, *Der Tod in Venedig* (Fischer 54).

### 6. *Goethe in Italy*

Dr M. Nelson. Classes: 2 hours per week. Assessment: one 4000 word essay.

Goethe's travels in Italy and his stay in Rome are recorded in his 'Italienische Reise', a classic work of travel literature. The Italian experience was a turning point in his literary development and resulted in the completion or continuation of his 'Faust' and 'Tasso', as well as being reflected in the later 'Romische Elegien' and the 'Venezianische Epigramme'. This seminar will examine these works.

#### Textbooks

Goethe, *Italienische Reise* (dtv 12402).

Goethe, *Gedichte Teil 1* (Diogenes Taschenbuch detebe 20437).

Goethe, *Torquato Tasso* (Reclam UB 88).

### 7. *Kleist's Experiments with Comedy and Tragedy*

Professor A. Stephens. Classes: 2 hours per week. Assessment: one 4000 word essay.

Heinrich von Kleist (1777-1811) was little appreciated by his contemporaries, but has emerged throughout the 20th century as the greatest dramatist in the German language of the period when he wrote and of the many decades thereafter. Kleist took no conventional dramatic forms for granted, but rather conducted bold experiments with them, using parody, creative improvisation and the subversion of the expectations of the average audience or reader. With this in mind, the course will engage in challenging readings of two of his comedies, 'Der zerbrochene Krug' and 'Amphitryon', his greatest complete tragedy, set in Ancient Greece, 'Penthesilea', and an 'almost-tragedy', 'Prinz Friedrich von Homburg'.

#### Textbooks

Kleist, *Amphitryon* (Reclam UB 7416).

Bachmaier, *Heinrich von Kleist. Amphitryon. Erlauterungen und Dokumente* (Reclam UB 8162).

Kleist, *Penthesilea* (Reclam UB 1305).

Appelt / Nutz, *Heinrich von Kleist. Penthesilea. Erlauterungen und Dokumente* (Reclam UB 8191).

Kleist, *Der zerbrochene Krug* (Reclam 91).

Sembdner, *Heinrich von Kleist. Der zerbrochene Krug. Erlauterungen und Dokumente* (Reclam UB 8123).

Kleist, *Prinz Friedrich von Homburg* (Reclam 178).

Hackert, *Heinrich von Kleist. Prinz Friedrich von Homburg. Erlauterungen und Dokumente* (Reclam UB 8147).

### GRMN 4012 German Honours B

12 credit points. Semester: 1,2.

Refer to GRMN 4011.

### GRMN 4013 German Honours C

12 credit points. Semester: 1,2.

Refer to GRMN 4011.

### GRMN 4014 German Honours D

12 credit points. Semester: 1,2.

Refer to GRMN 4011.

## ■ HBRW

### HBRW 1011 Hebrew Modern B1

6 credit points. Ms Gilead. Semester: 1. Classes: 4 hours per week. Assessment: Continuous class assessment, class tests, semester exam.

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! It will include teaching the Hebrew alphabet and basic reading and writing skills as well as the introduction of basic vocabulary and language patterns. The unit will foster the development of oral communication skills relating to everyday topics.

#### Textbooks

Lauden, E., Weinbach, L. *Multi-Dictionary: Bilingual Learners' Dictionary*, AD 1993.

Chayat, S., Israeli, S., Kobliner, H. *Hebrew from Scratch, Part I* (new edition) Academon, Jerusalem, 2000.

### HBRW 1102 Hebrew Modern B2

6 credit points. Ms Gilead. Semester: 2. Classes: 4 hours p.w.

Prerequisite: HBRW 1011. Assessment: Continuous class assessment, class tests, semester exam.

*NB: Permission required for enrolment.*

This unit is an extension of the work done in HBRW 1011 (B1).

*Textbooks*

Lauden, E., Weinbach, L. Multi-Dictionary: Bilingual Learners' Dictionary, AD 1993.

Chayat, S., Israeli, S., Kobliner, H. Hebrew from Scratch, Part I (new edition) Academon, Jerusalem, 2000.

**HBRW 1111 Hebrew Classical B1**

6 credit points. Prof. Ebied, Dr Young. **Semester: 1. Classes: 4 hours per week. Assessment:** One 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*

Seow, C.L. Grammar for Biblical Hebrew, 2nd edn., Nashville, Abingdon Press, 1995.

Audio Visual Course in reading

**HBRW 1112 Hebrew Classical B2**

6 credit points. Prof. Ebied, Dr Young. **Semester: 2. Classes: 4 hours per week. Prerequisite:** HBRW 1101. **Prohibition:** HBRW 1312. **Assessment:** One 2-hour exam (50%); continuous assessment (40%); class participation (10%).

This unit continues the study of grammar and introduces the student to classical Hebrew (Biblical) texts, as follows: Grammar (2 hours per week), Classical text (2 hours per week).

*Textbooks*

C.L. Seow Grammar for Biblical Hebrew 2nd edn (Nashville, Abingdon Press, 1995)

Selections from the Hebrew Bible (T'nach) for reading

**HBRW 1301 Hebrew Modern A1**

6 credit points. Ms Gilead. **Semester: 1. Classes: 4 hours per week. Prerequisite:** HSC Hebrew or equivalent. **Assessment:** Continuous class assessment, class tests, semester exam.

This unit of study presumes a basic knowledge of Hebrew. It will build on students' previous experience of the Hebrew language. Students will be encouraged to develop their speaking fluency in everyday situations while improving their grammar and usage. The ability to read a variety of Modern Hebrew texts will be further developed. Those texts will include newspaper articles, essays, short stories, poems and other literary texts which reflect social and cultural issues of Israeli society covering the period from the 19th century to the present time.

*Textbooks*

Lauden E, Weinbach L. Multi Dictionary: Bilingual Learners' Dictionary. AD, 1993. Cohen, M. Hebrew. What a Language (Agada Shel. Safa) Academon, Jerusalem, 1992.

Further materials are supplied by the department.

**HBRW 1302 Hebrew Modern A2**

6 credit points. Ms Gilead. **Semester: 2. Classes: 4 hours per week. Prerequisite:** HBRW 1301. **Assessment:** Continuous class assessment, class tests, semester exam.

This unit of study will follow the patterns introduced in Modern Hebrew A1, comprising of language enrichment and literature.

*Textbooks*

Lauden E, Weinbach L. Multi Dictionary: Bilingual Learners' Dictionary. AD, 1993. Cohen, M. Hebrew. What a Language (Agada shel. Safa) Academon, Jerusalem, 1992.

Further materials will be supplied by the department.

**HBRW 1311 Hebrew Classical A1**

6 credit points. Professor Ebied, Dr Young. **Semester: 1. Classes: 4 hours per week. Prerequisite:** HSC Hebrew or equivalent. **Prohibition:** HBRW 1111. **Assessment:** Two 1.5 hour exams (70%), continuous assessment (10%), essay (20%).

This unit of study presumes a basic knowledge of Hebrew. It consists of set classical texts (2 hours) and special background area study (2 hours).

**HBRW 1312 Hebrew Classical A2**

6 credit points. Professor Ebied, Dr Young. **Semester: 2. Classes: 4 hours per week. Prerequisite:** HBRW 1311. **Assessment:** Two 1.5 hour exams (70%), continuous assessment (10%), essay (20%).

This unit of study builds on Hebrew Classical A1. It consists of: set classical texts (2 hours) and special background area study (2 hours).

**HBRW 2103 Hebrew Modern B3**

8 credit points. Ms Gilead. **Semester: 1. Classes: 4 hours per week. Prerequisite:** HBRW 1102. **Assessment:** Continuous class assessment, class tests, semester exam.

This unit of study consists of an intensive study of spoken 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.

Classes are 'learner centred' providing students with opportunities to practise their speaking and writing skills.

*Textbooks*

Lauden E, Weinbach L. Multi Dictionary. Bilingual Learners Dictionary. AD, 1993.

Chayat S, Israeli S, Kobliner H. Hebrew from Scratch. Part I (new edition) Academon. Jerusalem, 2000.

**HBRW 2104 Hebrew Modern B4**

8 credit points. Ms Gilead. **Semester: 2. Classes: 4 hours p.w. Prerequisite:** HBRW 2103. **Assessment:** Continuous class assessment, class tests, semester exam.

This unit is an extension of the work done in HBRW 2103 (B3). 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 the unit the students will be able to take part in simple everyday Hebrew conversation upon arriving in Israel.

*Textbooks*

Lauden, E., Weinbach, L. Multi-Dictionary: Bilingual Learners' Dictionary, AD 1993.

Chayat, S., Israeli, S., Kobliner, H. Hebrew from Scratch, Part I (new edition) Academon, Jerusalem, 2000.

**HBRW 2105 Hebrew Modern B5**

8 credit points. Ms Gilead. **Semester: 1. Classes: 4 hours per week. Prerequisite:** HBRW 2104. **Assessment:** Continuous class assessment, class tests, semester exam.

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 newspaper articles, short stories and poems.

*Textbooks*

Lauden, E., Weinbach, L. Multi-Dictionary: Bilingual Learners' Dictionary, AD 1993.

Chayat, S., Israeli, S., Kobliner, H. Hebrew from Scratch Part U Academon, Jerusalem, 2000

**HBRW 2106 Hebrew Modern B6**

8 credit points. Ms Gilead. **Semester: 2. Classes: 4 hours per week. Prerequisite:** HBRW 2105. **Assessment:** Continuous class assessment, class tests, semester exam.

This unit of study is an extension of the work done in HBRW 2105 (B5). By the end of the unit the students will be able to converse confidently in everyday Hebrew upon arriving in Israel.

As well, this course is designed to enable students who wish to continue learning Hebrew to make the transition into the intermediate/advanced stream.

*Textbooks*

Lauden, E., Weinbach, L. Multi-Dictionary: Bilingual Learners' Dictionary, AD 1993.

Chayat, S., Israeli, S., Kobliner, H. Hebrew from Scratch Part II Academon, Jerusalem, 2000

**HBRW 2113 Hebrew Classical B3**

8 credit points. Professor Ebied, Dr Young. **Semester: 1. Classes: 4 hours per week. Prerequisite:** HBRW 1112 or HBRW 2402. **Assessment:** Two 1.5hr exams (70%), continuous assessment (10%), essay (20%).

Designed to build on the foundations laid in Hebrew Classical B1 and B2 and introduce the study of the books of the Hebrew Bible in the light of their setting and composition history. Special background area studies such as Qumran Hebrew, Hebrew Ihscriptions, and Textual Criticisih are also mfrroduced. Some parts may be read in conjunction with Hebrew Classical A1.

Consists of: set classical texts (2 hours per week); and special background area study (2 hours per week).

*Textbooks*

C.L. Seow A Grammar for Biblical Hebrew 2nd edn (Nashville, Abingdon Press, 1995)

**HBRW 2114 Hebrew Classical B4**

8 credit points. Professor Ebied, Dr Young. **Semester: 2. Classes: 4 hours per week. Prerequisite:** HBRW 2113. **Assessment:** Two 1.5 hour exams (70%), continuous assessment (10%), essay (20%). Builds on Hebrew Classical B3. It consists of: set classical texts (2 hours), and special background area study (2 hours).

**HBRW 2115 Hebrew Classical 5**

8 credit points. Professor Ebied, Dr Young. Semester: 1. Classes: 4 hours per week. Prerequisite: HBRW 2114 or HBRW 2314. Assessment: Two 1.5hr exams (80%); essay (20%). Builds on the foundations laid in Hebrew Classical A4 and B4 and introduces the new tools brought to the study of the Bible as a result of discoveries in the Near East and applies these to the study of the Biblical text. Includes detailed study of texts, translation skills, and a methodical study of the background to the texts.

Consists of: set classical texts (2 hours per week); special background area study (2 hours).

**HBRW 2116 Hebrew Classical 6**

8 credit points. Professor Ebied, Dr Young. Semester: 2. Classes: 4 hours per week. Prerequisite: HBRW 2115. Assessment: Two 1.5 hour exams (80%), essay (20%).

Follows on from Hebrew Classical 5. It consists of: set classical texts (2 hours), and special background area study (2 hours).

**HBRW 2303 Hebrew Modern A3**

8 credit points. Ms Gilead. Semester: 1. Classes: 4 hours per week. Prerequisite: HBRW 1302. Assessment: Continuous class assessment, class tests, semester exam.

This unit of study is an intensive language learning program for students who have a good knowledge of Hebrew. 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 which reflect social and cultural issues of Israeli society covering the period over the last two centuries.

*Textbooks*

Lauden E, Weinbach L. Multi Dictionary: Bilingual Learners' Dictionary. AD, 1993.

Further material will be supplied by the department

**HBRW 2304 Hebrew Modern A4**

8 credit points. Ms Gilead. Semester: 2. Classes: 4 hours per week. Prerequisite: HBRW 2303. Assessment: Continuous class assessment, class tests, semester exam.

This unit of study is an extension of the work done in HBRW 2303 (A3).

*Textbooks*

Lauden E, Weinbach L. Multi Dictionary: Bilingual Learners' Dictionary. AD, 1993.

Further material will be supplied by the department.

**HBRW 2305 Hebrew Modern A5**

8 credit points. Ms Gilead. Semester: 1. Classes: 4 hours per week. Prerequisite: HBRW 2304. Assessment: Continuous class assessment, class tests, semester exam.

This unit of study seeks to further develop the students' speaking, writing, listening and reading skills, while providing insight into contemporary Israeli culture. It continues to use the communicative approach to language learning. Students' active participation through team work, role playing and other interactive techniques is an essential aspect of all classes.

*Textbooks*

Lauden E, Weinbach L. Multi Dictionary: Bilingual Learners' Dictionary. AD, 1993.

Further material will be supplied by the department.

**HBRW 2306 Hebrew Modern A6**

8 credit points. Ms Gilead. Semester: 2. Classes: 4hrs per wk. Prerequisite: HBRW 2305. Assessment: Continuous class assessment, class tests, semester exam.

This unit of study is an extension of the work done in HBRW 2305 (A5).

*Textbooks*

Lauden E, Weinbach L. Multi Dictionary. AD, 1993.

Further material will be supplied by the department.

**HBRW 2313 Hebrew Classical A3**

8 credit points. Professor Ebied, Dr Young. Semester: 1. Classes: 4 hours per week. Prerequisite: HBRW 1312. Assessment: Two 1.5 hour exams (80%), essay (20%).

Introduces the student further to background issues in the study of the Hebrew Bible. It consists of set classical texts (2 hours) and special background area study (2 hours)

**HBRW 2314 Hebrew Classical A4**

8 credit points. Professor Ebied, Dr Young. Semester: 2. Classes: 4 hours per week. Prerequisite: HBRW 2313. Assessment: Two 1.5 hour exams (80%), essay (20%).

Consists of: set classical texts (2 hours) and special background area study (2 hours)

**HBRW 2401 Hebrew Accelerated C1**

8 credit points. Prof. Ebied, Dr Young. Semester: 1. Classes: 3 hours per week. Prerequisite: 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 Semitic Studies. Corequisite: 8 Senior credit points in a subject area from the School of Archaeology, Classics and Ancient History or from the Department of Semitic Studies. Prohibition: HBRW 1101,1102,1112. Assessment: Exam (60%), continuous assessment (30%), essay (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.

**HBRW 2402 Hebrew Accelerated C2**

4 credit points. Prof. Ebied, Dr Young. Semester: 2. Classes: 2 hours per week. Prerequisite: HBRW 2401. Assessment: Exam (60%), continuous assessment (40%).

Brings students to a level necessary for the study of Hebrew at an advanced level. It forms a bridge between Hebrew Accelerated C1 and Hebrew Classical/Modern B3.

**HBRW 2901 Aramaic B1**

4 credit points. Dr Young. Semester: 1. Classes: 2 hours per week. Prerequisite: 12 Junior credit points of Hebrew. Assessment: Exam (80%), continuous assessment (20%).

For those beginning the study of Aramaic this is a preparation for more advanced study of Aramaic language and literature. It introduces the student to the basic grammar and texts of Biblical Aramaic as a basis for study of other Aramaic dialects.

**HBRW 2902 Aramaic B2**

4 credit points. Dr Young. Semester: 2. Classes: 2 hours per week. Prerequisite: HBRW 2901. Assessment: Exam (80%), continuous assessment (20%).

Builds on the foundation of Aramaic B1. It introduces the student to non-Biblical Aramaic dialects.

**HBRW 2911 Syriac B1**

4 credit points. Professor Ebied. Semester: 1. Classes: 2 hours per week. Prerequisite: 12 Junior credit points of Hebrew. Assessment: Exam 80%, continuous assessment 20%.

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.

**HBRW 2912 Syriac B2**

4 credit points. Professor Ebied. Semester: 2. Classes: 2 hours per week. Prerequisite: HBRW 2911. Assessment: Exam 80%, continuous assessment 20%.

Builds on the foundation of Syriac B1. It concentrates on the study of advanced Syriac prose composition and selections of texts from the Old and New Testaments Peshitta.

**HBRW 3901 Aramaic B3**

4 credit points. Dr Young. Semester: 1. Classes: 2 hours per week. Prerequisite: HBRW 2902. Assessment: One 1.5 hour exam, continuous assessment.

Continues the study of Aramaic texts begun in Aramaic B1 and B2.

**HBRW 3902 Aramaic B4**

4 credit points. Dr Young. Semester: 2. Classes: 2 hours per week. Prerequisite: HBRW 3901. Assessment: One 1.5 hour exam, continuous assessment.

Continues the study of Aramaic texts from Aramaic B3.

**HBRW 3911 Syriac B3**

4 credit points. Professor Ebied. Semester: 1. Classes: 2 hours per week. Prerequisite: HBRW 2912. Assessment: Exam 80%, continuous assessment 20%.

Continues the study of Syriac texts begun in Syriac B1 and B2. It concentrates on the study of selections of Advanced Syriac Peshitta, Patristic texts, etc.

**HBRW 3912 Syriac B4**

4 credit points. Professor Ebied. Semester: 2. Classes: 2 hours per week. Prerequisite: HBRW 3911. Assessment: Exam 80%, continuous assessment 20%.

Builds on the foundation of Syriac B3. It 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.

**HBRW 4011 Hebrew (Classical) Honours A**

12 credit points. Professor Ebied, Dr Young. Semester: 1,2. Classes: 6 hours per week. Prerequisite: Credit results in HBRW 2115 and HBRW 2116, plus 16 extra credit points from the Department of Semitic Studies. Assessment: Semester 1: Two 3-hour exams (80%), 2000 word essay (20%). Semester 2: Two 3-hour exams (70%), thesis (30%).

*NB: Permission required for enrolment.*

First Semester: (i) Students will continue their study of classical Hebrew texts with the study of the Megilloth; (ii) An additional Semitic language will be studied (2 hours per week) out of the following: Aramaic, Syriac, Akkadian, Ugaritic.

The Department reserves the right not to offer any option if staffing is not available; (iii) One special area of study will be chosen from the following options (2 hours per week): Classical Hebrew Literature; Medieval Hebrew Literature; Northwest Semitic Inscriptions.

Second Semester: (i) Classical Hebrew texts (2 hours); (ii) Additional Semitic language (2 hours) out of: Aramaic, Syriac, Akkadian, Ugaritic; (iii) Special area of study (2 hours) from the following options: Modern Hebrew Literature; Samaritan Literature; Septuagint; (iv) A special interest study will be pursued by students under supervision, leading to the writing of a 10,000 word honours thesis.

**HBRW 4012 Hebrew (Classical) Honours B**

12 credit points. Semester: 1,2.  
Refer to HBRW 4011

**HBRW 4013 Hebrew (Classical) Honours C**

12 credit points. Semester: 1,2.  
Refer to HBRW 4011

**HBRW 4014 Hebrew (Classical) Honours D**

12 credit points. Semester: 1,2.  
Refer to HBRW 4011

**HBRW 4021 Hebrew (Modern) Honours A**

12 credit points. Semester: 1,2. Prerequisite: Consult Department for details.

*NB: Permission required for enrolment.*

**HBRW 4022 Hebrew (Modern) Honours B**

12 credit points. Semester: 1,2.

*NB: Permission required for enrolment.*

**HBRW 4023 Hebrew (Modern) Honours C**

12 credit points. Semester: 1,2.

*NB: Permission required for enrolment.*

**HBRW 4024 Hebrew (Modern) Honours D**

12 credit points. Semester: 1,2.

*iVB: Permission required for enrolment.*

**■ HIUR****HIUR 1001 Hindi and Urdu Introductory 1**

6 credit points. Semester: 1. Classes: 4 hrs/week. Assessment: Classwork and exam.

*NB: Permission required for enrolment.*

An introduction to the grammar and syntax of Hindi-Urdu as a spoken language. The unit will deal with:

1. basic elements of Hindi-Urdu grammar, phonetics and orthography;
2. spoken Hindi-Urdu;
3. readings of set text, translation from Hindi-Urdu into English and English into Hindi-Urdu.

*Textbooks*

R. Barz and Y. Yadav *An Introduction to Hindi and Urdu* (Munshiram Manoharlal, 1993)

**HIUR 1002 Hindi and Urdu introductory 2**

6 credit points. Semester: 2. Classes: 4 hrs/week. Prerequisite: HIUR 1001. Assessment: Classwork & exam.

*NB: Permission required for enrolment.*

This unit is an extension of work done in HIUR 1001. Students will achieve a reading and writing ability in basic Hindi-Urdu by the end of the unit.

**HIUR 2001 Hindi and Urdu Intermediate 1**

8 credit points. Semester: 1. Classes: 4hrs/week. Prerequisite: HIUR 1002. Assessment: Classwork & exam.

This unit will consolidate oral, aural and written language skills. The unit consists of:

1. consolidation and practice of oral language skills in complex situations

2. advanced course in grammar

3. reading a selection of short stories and poems.

**HIUR 2002 Hindi and Urdu Intermediate 2**

8 credit points. Semester: 2. Classes: 4hrs/week. Prerequisite: HIUR 2001. Assessment: Classwork & exam.

This unit is an extension of work done in HIUR 2001. It will provide further consolidation of oral, aural and written language skills.

**HIUR 3001 Hindi and Urdu Advanced 1**

8 credit points. Semester: 1. Classes: 4 hrs/week. Prerequisite: HIUR 2002. Assessment: Classwork & exam.

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.

**HIUR 3002 Hindi and Urdu Advanced 2**

8 credit points. Semester: 2. Classes: 4 hrs/week. Prerequisite: HIUR 3001. Assessment: Classwork & exam.

This unit is an extension of work done in HIUR 3001.

**■ HRTG****HRTG 2001 Approaching Heritage Studies**

8 credit points. Coordinator: Dr Barrett. Semester: 1. Classes: 2 hrs/wk lectures, 1 hr/wk tutorial. This unit of study will also involve visits to heritage sites and museums where material culture is collected and displayed. The unit of study involves interdisciplinary group work. Prerequisite: At least 18 junior credit points. Assessment: 3000 word essay, group project, two hour exam.

This unit of study examines the historical, theoretical and political issues associated with the interpretation of cultural heritage, historic sites and environments. 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 restoration, and their impacts on culture and community. Issues specific to Australia such as Indigenous land claims are examined in the context of international debates.

**HRTG 2002 The Museum and Cultural Heritage**

8 credit points. Coordinator: Dr Barrett. Semester: 2. Classes: 2 hrs/wk lectures 1 hr/wk tutorial. Prerequisite: HRTG 2001. Assessment: 3000 word essay, 3000 word tutorial paper and class participation.

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.

**■ HSTY****HSTY1022 Europe in the High Middle Ages**

6 credit points. A/Professor Pryor. Semester: 2. Classes: 2 lecture & 1 tutorial/wk. Assessment: Two 1000-word papers and one 24-hour Take-Home examination of 2000 words; 60% classwork and 40% exam.

*NB: It is anticipated that lectures and tutorials in this course will be also available over the Internet. Students interested should consult Assoc Prof John Pryor (phone (02) 9351 2840).*

*NB: The Course Guide and readings for Tutorials for this course are made available via the course home page at teaching.arts.*

[usyd.edu.au/history/1022/HSTY1022Coursecontents.html](http://usyd.edu.au/history/1022/HSTY1022Coursecontents.html).

Students are expected to be able to down-load these for themselves. They will be made available in July. One copy will be placed in Fisher Special Reserve for photocopying by anyone unable to download them. Notes for the lectures and tutorials are also made available via the course home page, but these do not replace the need to attend lectures and tutorials. The course also has a Web News Page for use by students wishing to discuss their work with others.

This semester develops the themes and issues explored in HSTY 1025 into the following chronological period. However, it extends the focus of HSTY 1025 on the world of Western Europe in the Middle Ages to a more intensive analysis of relations with the outside world; with the Byzantine Empire, the Muslim World, and the further worlds of Eurasia and Africa.

In so far as the internal development of Western Europe is concerned, the unit focuses on the further development of feudal society and the emergence of feudal monarchies and the incipient

nation state; on the evolution of the Church and of anti-Church heretical movements, on the growth of the West European economy and of urban society; on title development of the peasantry and agrarian society; on changing attitudes towards the possession of wealth, the creation of it, and the emergence of a bourgeois ethos; on the technological revolution of the Middle Ages in machine design, the harnessing of inanimate power, and military and industrial technology; on the further development of universities and intellectual life, on the crisis of the aristocracy in the fourteenth century when its fundamental underpinnings were undermined; and on the impact of such major catastrophes as climatic change and the Black Death.

In so far as the external development of Western Europe is concerned, the unit focuses on the early expansion of Western Europe as encapsulated in the Reconquista in Spain, the Crusades, and the expansion into Slavic and Celtic lands; the further expansion of European intellectual horizons as a result; the contact with the Muslims and Mongols, and the European discovery of China, India, and North Africa. It ends with the early penetration of the Atlantic by Europeans.

At the end, we will have been brought to an understanding of how the society and economy of Western Europe had evolved during the High Middle Ages to the degree that by ca. 1400 Western Europe was poised to begin its assault on the rest of the world.

### HSTY 1025 Early Medieval Europe

6 credit points. Dr Olson. **Semester: 1. Classes: 2 lec & 1 tut/wk. Assessment:** One 2hr exam, written work 2000w; 60% for classwork, 40% for exam.

The Early Middle Ages (5th-11th centuries) saw the birth of Europe as its kingdoms were founded within the crumbling western Roman Empire. The Mediterranean was split between Islam, Byzantium and the West, which acquired a more northern focus, giving rise to the empire of Charlemagne and the Vikings. By the year 1000, population and agricultural production were on the increase, underpinning profound changes of feudal consolidation, rise of the knight, decline of the power of women through the family, Church reform, growth of towns which become apparent before the end of the eleventh century, when Europe was to impinge on its neighbours in the First Crusade. This will be explored through a variety of sources including literary (Hrotsvitha's *Dulcinius* and the *Song of Roland*) and visual (Sutton Hoo ship burial, Book of Kells, Bayeux Tapestry) evidence. The desired outcomes are that you will learn about early medieval society, learn to write well supported History, and enjoy yourselves while doing both of these.

### HSTY 1031 Renaissance and Reformation (1498-1648)

6 credit points. Dr Fitzmaurice. **Semester: 1. Classes: 2 lec & 1 tut/wk. Assessment:** One 2 hr exam or equivalent, written work 2000w; 60% classwork and 40% exam.

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. Emphasis will be placed on three great centres in the period of the Renaissance, the Reformation and the Counter-Reformation: late 15th and early 16th century Florence, Elizabethan England, and late 15th and 16th century Spain under Charles V and Phillip II. Throughout the semester attention will be paid to both 'high' and popular culture, especially to humanist learning, the theory and practice of policy and diplomacy, and the art of war, as well as to witchcraft, heresy, attitudes towards life, sex and death. Finally some attention will be given to Europe's 'discovery' and conquest of the New World.

### HSTY 1034 Early Modern Europe 1500-1750

6 credit points. Dr Eckstein, Dr Cameron. **Semester: 2. Classes: 2 lec & 1 tut/wk. Assessment:** One 2 hr exam or equivalent, written work 2000 w; 60% classwork and 40% exam.

This unit relates the elegant, courtly world of Baroque culture to the altogether different reality of 'popular' cultures in the countryside and in the burgeoning cities of early-modern Europe. As well as tracing institutional developments, the unit retells the stories listened to by 'ordinary' people and uses them as tools for entering the popular consciousness, and investigates ways in which the people subverted and challenged the vocabulary of aristocratic and absolutist power. Attention will be given to changes brought about by Europe's burgeoning urban culture in

the period, emphasis being given to major centres including Paris, Rome, Venice and Amsterdam. The unit will examine early-modern Europe from the point of view of its aristocratic elite, as an agrarian economy and in relation to contemporary constructions of gender. Students will be introduced to the glittering, authoritarian culture of Louis XIV, the 'Sun King', the rise of Enlightenment thought, events leading to the collapse of the 'Old Regime' and the dramatic period of revolution that followed the Fall of the Bastille in 1789. The semester will conclude with a portrait of the age of the Guillotine and the Terror, and the new world of Nationalism, Romanticism, Industry and Empire in the 19th century.

### HSTY 1043 Modern European Politics and Culture

6 credit points. **Semester: 2. Classes: 2 lecture & 1 tutorial/wk. Assessment:** One 2 hour exam or equivalent, 2000 words written work; 60% classwork and 40% exam.

This unit will examine the relationship between culture and politics in the twentieth century. The unit will look back to the significant cultural and political changes of the nineteenth century and focus on the themes of nationalism, revolution, war, science, society and culture in the twentieth century.

### HSTY 1045 Modern European History 1750-1914

6 credit points. Dr Moses. **Semester: 1. Classes: 2 lec & 1 tut/wk. Assessment:** One 2 hour exam or equivalent, 2000 words written work; 60% classwork and 40% exam.

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 and sexual life; work and technology; religious belief; experiences of colonialism; popular culture and social class.

### HSTY 2000 Crime and Deviance

8 credit points. Dr Cameron. **Semester: 1. Classes: 2 lec & 1 tut/wk. Prerequisite:** 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture. **Assessment:** One 3hr exam or equivalent, one 3000 word essay and one oral presentation; 50% essay/classwork and 50% exam.

This course will examine the historical construction of crime and deviance and the evolution of the concepts of illegal and anti-social behaviour, mainly in western Europe since 1500, with some American and Australian comparisons. It will deal with the problems of defining, measuring and explaining crime and deviance, changing patterns of theft and violence, policing, criminal procedures (including torture) and punishment, and the role of gender, age and class in such topics as sexual violence, homosexuality, witchcraft, prostitution, duelling and vendetta, lynching, banditry and bush ranging, riots and rebellions, suicide, alcohol and drugs, juvenile delinquency, the mafia and terrorism.

### HSTY 2001 Religion & Society: Conversion & Culture

8 credit points. Dr Olson, A/Prof Shboul, Dr Swain. **Semester: 2. Classes: 2 lec & 1 tut/wk. Prerequisite:** 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture. **Assessment:** One 3000-word take-home exam, 3000 words written work; 60% classwork and 40% exam.

In 13th-century Karakorum, capital of the Mongol empire, a debate was held between Christians, Muslims and Buddhists. Starting from this, we will examine religious change as cultural change thematically and comparatively with reference to Medieval European Christianity (where missionising was often part of an imperialist package), Islam (which had an empire but little missionising) and Chinese Buddhism (strongly missionising but if anything anti-imperial). This unique unit is for religious, indifferent and anti-religious people. It involves discussion of processes of acculturation and the interplay between religious and other aspects of cultural 'conversion', including language and art.

### HSTY 2004 Larrikins, Anzacs and the Modern Girl

8 credit points. Dr Russell, Mr White. **Semester: 2. Classes: 2 lec & 1 tut/wk. Prerequisite:** 12 Junior credit points of History, Ancient History, Economic History or Asian History and Culture. **Assessment:** One 2 hr exam or equivalent, one 3000 word essay, one 1000 word paper; 70% classwork and 30% exam.



The threads of modernity, gender and nation making weave through the period 1860 to 1930, when Australians were, in effect, made 'modern'. In a political climate dominated by nationalism, Federation and war, in a suburban landscape of modern architecture and domestic technology, 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 the seductive attractions of modern life.

### HSTY 2008 Film and History

8 credit points. Dr Cameron, Dr Keene. Semester: 2. Classes: 1 lecture, 1 tutorial and 1 screening/wk. Prerequisite: 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture. Assessment: Written work: 4,000 words or equivalent; one 2-hour exam. Using a number of significant films from across the continent of Europe, the course examines the way in which films can both create the past and transform existing ideas about the past. The course 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. In viewing these films the student will be asked to reflect on the shifting meanings they produce and the codes and strategies by which the film-maker brings individuals and past societies to life and the way in which meanings derived cinematically may differ from those based on written texts. The course also raises questions about social and political change in Europe and the ways in which films reconstruct and create popular memory. As well the course analyses what it is that films reveal about the European experience of war and pacifism; sex and gender; class and ethnicity; generational differences; and personal and national identity.

### HSTY 2009 The Black Experience in the Americas

8 credit points. A/Professor White. Semester: 2. Classes: 2 lec & 1 tut/wk. Prerequisite: 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture. Assessment: One 2hr exam or equivalent, one 4000w essay; 70% for classwork, 30% for exam. This course aims to develop in students a deeper knowledge of American society in general and of the historical experience of the African Americans in particular, an ability to conduct independent research and to use primary materials critically and creatively, and an interest in and understanding of cultures other than their own.

African cultures and their adaptations in the New World settings; slave trade; emergence of plantation systems and slavery; varieties of slave culture; slave violence and forms of resistance; race relations in post slave societies; emergence of northern ghettos; black nationalism and mass movements of the 1920s; black music and literature; Martin Luther King and the Civil Rights Movement; Malcolm X, the black Muslims and black power. At all stages in the course developments in the United States will be compared to those in the West Indies and Latin America.

### HSTY 2013 Modern Russia: State, Society, Culture

8 credit points. Dr Zlatar. Semester: 1. Classes: 2 lec & 1 tut/wk. Prerequisite: 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture. Assessment: One 3hr exam or equivalent, 3000 words written work; 60% classwork and 40% exam.

'Russia is a European state', Catherine the Great proclaimed, and this course will start with the Westernisation of Imperial Russia under Peter the Great and his successors in the 18th and 19th centuries. It will then place increasing emphasis on the origins and role of the radical and nationalist intelligentsias, and their debates over Russia's place in the world, and its attitude toward the West. It will then deal with the revolutions of 1905 and 1917, and the Soviet regime under Lenin, Stalin, and their successors until the collapse of the Soviet Union and the emergence of post-Soviet Russia. Equal emphasis will be placed on intellectual/cultural as well as social and political issues.

### HSTY 2014 Australian Social History 1919-1998

8 credit points. Mr White. Semester: 1. Classes: 2 lec & 1 tut/wk (February); 4 lec & 2 tut (Summer). Prerequisite: 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture. Assessment: One 2hr exam, one 3000 word essay and one 1000 word paper; 70% for classwork, 30% for exam.

The twentieth century has seen major transformations in Australian society. From the aftermath of the Great War, the course follows the traumas of Depression and World War n, 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.

### HSTY 2018 Mediterranean World in High Middle Ages

8 credit points. A/Professor Pryor. Semester: 1. Prerequisite: 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture. Assessment: Two 1500- word papers and one 24-hour Take-Home examination of 3000 words.

This unit of study is made available only over the Internet. There are no traditional lectures or tutorials. Students need access to the Internet via their own computers, modems, and Email or via these resources available through Fisher Library or the Sydney University Information Technology unit. Prospective students should consult the course Home Page at [teaching.arts.usyd.edu.au/history/2018/HST Y2018CourseContents.html](http://teaching.arts.usyd.edu.au/history/2018/HST%20Y2018CourseContents.html). This page will be activated in February. The course also has a Web News Page for use by students wishing to discuss their work with others.

Beginning with the traditional Mediterranean powers of Islam and Byzantium in apparent decline in the eleventh century, the unit examines the processes of that decline and the rise of the Latin West to the end of the thirteenth century. In doing so, it challenges common assumptions about the degree to which the West achieved domination in the Mediterranean and the extent to which Byzantine and Muslim powers and peoples were marginalised.

The unit is structured around appreciation of the physical geography, oceanography, and meteorology of the Mediterranean basin their influences on the course of human history. Foci of attention include the mechanisms of Crusading; the response of the Muslim world and its internal evolution; the eclipse of Byzantium as a world power; the rise of the mercantile empires of Pisa, Genoa and Venice and their internecine wars; the Normans and Hohenstaufens in Sicily; the War of the Sicilian Vespers and rise of the Aragonese empire; maritime trade and naval warfare; the technology of communications, warfare, and industry; and the place of the Mediterranean in the history of the known world in the period.

Essays will provide an opportunity to specialise in cultural and intellectual interchange and mutual influences, and in other issues such as the importance of the western Balkan, Maghreb, Andalusian, and Provençal peoples.

### HSTY 2020 Florence and the Age of Dante

8 credit points. Dr Ward. Semester: 2. Classes: 2 lec & 1 tut/wk. Prerequisite: 12 Junior Credit points of History, Ancient History, European History or Asian History and Culture. Assessment: Student's choice, between 6,000 words written work, through 4,000 words written work plus 2 hr exam or equivalent, to 3,000 words written work plus 3 hr exam or equivalent.

The age of Dante in Europe (c. AD 1250-1325) was one of enormous change and upheaval. This course aims to use the unique perspective of Dante's Divine Comedy to examine cultural, political and religious problems in Dante's day (c. AD 1250-1325). The relationship between political/economic development and cultural efflorescence will be examined with particular reference to the literary and artistic precocity of the Italian 'republican' city-states, especially Florence, Siena and Padua, in Dante's day. The importance of exile in Dante's own literary creativity will be investigated. An important theme will be the nature of the concept and practice of 'Empire' in Dante's day, with particular reference to the problem of why it formed so crucial an aspect of Dante's thinking. Religious preaching and apocalypticism in Dante's Italy will be examined (including the European-wide passion for and preoccupation with the occult, maleficium [= magic and witchcraft] in the first quarter of the fourteenth century and Dante's apparent immunity from it, together with the relatively sudden involvement of both the new mendicant orders - Franciscans and Dominicans - in heresy during the same period), as well as the social context of Dante's emphasis upon the female as the key to enlightenment. In the last week we will glance ahead to the age of Savonarola, what had changed? Was Savonarola the Dante of the late fifteenth century?

A visual introduction to Dante's works, the the Italy of his day and to the long tradition of illustration of the Divine Comedy will be included.

Knowledge of Latin and, or Italian is not a prerequisite for the course, but will - if possessed - come in handy, as many secondary and some primary works are only available in those languages.



*Preliminary Reading*

Bemrose, Stephen A *New Life of Dante* (Exeter: University of Exeter Press 2000)

Dante: *The Divine Comedy of Dante in the Mark Musa penguin translation.*

Eco, Umberto *The Name of the Rose* (any edition).

Holmes, George *Dante* (Oxford University Press 1980 - 'Past Masters').

Holmes, George *Florence, Rome and the Origins of the Renaissance* (Oxford: Clarendon Press 1986)

Jacoff, Rachel (ed) *The Cambridge Companion to Dante* (Cambridge: University Press 1993).

Jinks, Cathy *The Notary* (any edition).

Kirkpatrick, Robin *Dante: 'The Divine Comedy'* (Cambridge: University Press 1987 'Landmarks of World Literature').

**HSTY 2021 Greater China**

8 credit points. Dr Wong. **Semester: 1. Classes: 2 lec & 1 tut / week.**

**Prerequisite:** 12 Junior credit points of History, Ancient History, Economic History or Asian History and Culture. **Assessment:** One 3 hr exam or equivalent, 3000-word written work, 60% classwork and 40% exam.

The concept of a Greater China emerged as a result of China's opening itself in 1978, and has attracted worldwide attention. It refers to the increasingly close cooperation among the Chinese living in mainland China, Taiwan, Hong Kong, Macao and the rest of the world. Such cooperation has the potential to turn China into an economic giant in the 21st century, prompting some alarmists to write books such as 'The Coming Conflict with China'. The US spy-plane saga of April Fool's Day 2001 adds fuel to such speculative fire. Will the Greater China succeed, and if it does, will it pose a threat to the rest of the world? But to begin with, how did the different policies at Beijing, Taipei, Hong Kong and Macao come about? And why are there so many people of Chinese descent now living outside China? This unit attempts to answer these questions, analyzing the past and probing the global implication of a Greater China.

**HSTY 2022 Objects, Artefacts and Politics**

8 credit points. Professor MacLeod. **Semester: 2. Classes: 2 lec & 1 tut / wk. Prerequisite:** 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture. **Assessment:** One 3hr exam; 3000 word essay; 500 word exhibition review; 1000 word tutorial paper; 60% classwork and 40% exam.

This unit aims to equip students with an appreciation of the historical significance of museums and museum-based systems of collection and practice, from the Museum of Alexandria to the present day. Lectures and tutorials trace the development of the 'museum idea' in the West, and examine its place in the invention of tradition and the presentation of knowledge. Cases drawn from Europe, North America and Australia illuminate themes in the history, politics, and economics of collection, the use of symbols, and the objectification of ideas in a wide range of contemporary 'museum' contexts. Visiting lecturers and field trips relate historical reading to contemporary practice. Essays emphasise comparative studies, and the use of sources in modern European languages as well as in English.

**HSTY 2029 Sex and Scandal**

8 credit points. Dr Russell. **Semester: 1, Summer. Classes: 2 lec & 1 tut / wk. Prerequisite:** 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture. **Assessment:** One 2hr exam, one 3000 word essay, one 1000 word paper; 70% classwork and 30% exam.

What makes a scandal? In this unit we examine a number of sensational case studies from the Western world and discover the mingled horror and enjoyment with which they have been told, received, and retold. Weaving its way through the courts of Roman emperors, medieval monasteries and peasant villages to the sensationalist press of modern times, touching along the way on sadism, adultery, incest, homosexuality and harassment, our investigation takes us to the heart of different cultures. We are reminded that it is not behaviour but the ever-changing interpretations of behaviour that give rise to condemnation and scandalised indignation. Examining occasions when social rules regarding marriage, belief and political authority have been gloriously flouted allows us to consider the ways in which rules are themselves constituted, maintained and challenged.

**HSTY 2034 A History of the United States to 1865**

8 credit points. Dr Robertson. **Semester: 1. Classes: 2 lec & 1 tut/wk.**

**Prerequisite:** 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture. **Assessment:** One take-home exam; one 3000 word essay; one 1000 word tutorial paper; 70% class work; 30% exam.

This course provides an introduction to the key events, issues and debates in *the* social, cultural and political history of the United

States from the European discovery of the New World to the end of the Civil War in 1865. We will explore topics such as the encounters between Europeans and Native Americans; the diverse regional patterns of European settlement and cultural development; the origins and impacts of slavery; the American Revolution - and the new nation and political system established in its aftermath; the social, political and cultural changes resulting from the rise in the market economy; and *the* unraveling of the fabric of the American nation that resulted in Civil War.

**HSTY 2035 History of the United States Since 1865**

8 credit points. Dr Robertson. **Semester: Summer. Classes: 2 lec & 1 tut / wk. Prerequisite:** 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture. **Assessment:** One 2hr take-home exam, 4000 words written work; 70% for classwork and 30% for exam.

This course will explore key issues and debates in the social, cultural and political history of the United States since 1865. Topics will include the rise and fall of the segregated South, immigration and the nature of ethnic identity, social reform movements from Populism and Progressivism to the Civil Rights movement, feminism and gay liberation, the rise of the mass, consumer culture, and the changing place and fate of the United States in the world, from imperialist expansion to isolationism and later Cold War superpower. When we explore the past we will be concerned not only with *the* ideas and policies which came to dominance at different times in the past, but also with alternatives which attracted support, but did not succeed in defining the shape of modern America. Wherever possible, the course will also look to history 'from the bottom up', studying the ideas and behaviour of ordinary people as well as those of politicians, business leaders and members of the dominant groups in American society.

**HSTY 2038 Australia in the Nuclear Age, 1945-1990**

8 credit points. Professor MacLeod. **Semester: 2. Classes: 2 lec & one 1 hr seminar/wk. Prerequisite:** 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture. **Assessment:** One 3hr exam, one 3000w essay, one 1000w tut paper/seminar presentation. 60% for classwork, 40% for exam.

*NB: This unit is available also to students from the History and Philosophy of Science.*

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This course aims to equip senior students from Arts, Science and Government with a working knowledge of the history of the 'nuclear age', from the 1930s through the Cold War, with special reference to Europe and the superpowers; and, by the use of primary sources and expert visits, to convey an understanding of the principal issues underlying contemporary nuclear policy and diplomacy in Australia, the Asia-Pacific region, and the wider world.

This course examines a paradox. While a significant part of the Australian population today resists the applications of nuclear energy for either civil or military purposes, Australia has officially encouraged uranium mining and participates in the nuclear fuel cycle. It plays a significant role in the IAEA, and while it does not possess nuclear weapons, it has never ruled out the possibility of civilian nuclear-generated electrical power. This course will examine *the* leading features of nuclear history in the context of Europe, North America, and Australia. It will explore significant events in *the* development and application of reactor technology, and *the* history of environmental attitudes towards uranium mining; and will assess the principal features of nuclear policy in Australia. It will also consider the prospects for nuclear instability in the Asia Pacific region, and the role that Australia can play, both in the region and on the international scene.

**HSTY 2044 Childhood and Youth in Modern America**

8 credit points. Dr Robertson. **Semester: 2. Classes: 2 lec & 1 tut/wk (& occasional film). Prerequisite:** 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture. **Assessment:** One 2 hr take home exam, one 3000 word essay, one 1000 word paper; 70% classwork, 30% exam.

This unit explores the wide-ranging redefinition of childhood that began in the nineteenth century and helped move children to a central place in modern American culture and politics. It examines topics such as: child-rearing and expert advice; sexuality; child protection; work and compulsory schooling; juvenile delinquency; dating; and youth culture and rebellion. The unit aims to make unfamiliar our commonsense view of childhood and to challenge us to think creatively and critically about evidence such as reminiscences, toys and clothing.

**HSTY 2045 Italy and the Wider World**

8 credit points. Dr Eckstein. Semester: 1. Classes: 2 lec & 1 tut/wk. Prerequisite: 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture. Assessment: 2hr take-home exam, 3000 word essay, 1000 paper; 70% classwork and 30% exam.

This course looks through the visible exterior of Italian urban culture to penetrate the complex of inherited attitudes and beliefs that are revealed in ritual and everyday behaviour, and which are expressed in art, architecture, the fabric of the city and the uses to which all material culture is put. The course combines a survey approach with the investigation of specific themes to examine urban life on the Italian peninsula, and how that urban life has influenced other western societies including our own. Students will make use of a wide range of documentary resources including literary and non-literary textual sources, art, sculpture, architecture, the physical urban environment, photography and cinema. Major themes include: the development of the Italian town from its Greco-Roman origins and its subsequent evolution in places including Venice, Florence, Siena, San Gimignano, Rome and Palermo in the Medieval, Renaissance and early-modern periods; the history of domestic and public spaces and of 'private' versus 'public' cultures; visual traditions and their relationship to the perception of everyday reality and the arts; urban visions of life in the countryside and the birth of a modern concept of 'landscape'; Classical and Imperial ideals; the individual versus the group and the rise of courtly society; the 'mythicization' of Italy by intellectuals in the modern period and the collision of modernism with 'traditional' modes of Italian life in the twentieth century.

**HSTY 2047 Renaissance Italy**

8 credit points. Dr Eckstein. Semester: Summer. Classes: Site visits and special preliminary seminars. To be run November-December 2002.

Prerequisite: 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture.

This unit is a special on-site study of Italian Renaissance society and culture to be run in Florence in Italy. The unit consists of a balance of interactive site visits to sites of major artistic, architectural and cultural significance in Florence itself, and will incorporate additional special visits to neighbouring towns including Siena, Volterra, San Gimignano and Pisa. The unit investigates the social, political and economic life and urban development of Florence between the early fourteenth and mid-sixteenth centuries to analyze and explain the extraordinary flowering of social, artistic, intellectual and cultural life of the Renaissance. Major themes include: the fundamental importance of the Italian communes in the emergence of Renaissance culture; the social context of art and architecture; urbanism; neighbourhood and community life; domestic life and the concept of the family; the importance of religion in people's lives; artistic and political patronage; humanism and education; the gendering of urban space; the position of women; constructions of sexuality and deviance; dissidence and rebellion; attitudes to the poor; religious reform; the growth of the proto-princely state. Throughout, students will be encouraged to make active use of a wide variety of the visual and other material primary sources, including the unit's major document, the city of Florence itself. The unit will incorporate a special 'field study' of the church of Orsanmichele, and the production by students of a project of wider significance of this church in Florentine life. This project will be facilitated by an interactive web-site accessible through the University of Sydney.

For further information on this unit, including timing, cost, and precise dates, please contact Dr Nicholas Eckstein in the Department of History.

**HSTY 2048 Australia and the World**

8 credit points. Associate Professor Meaney. Semester: 1. Classes: 2 hr/wk lectures, 1 hr/wk tutorial. Prerequisite: 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture. Prohibition: S11.2: Australia and the World. Assessment: One 3000 word essay and one 3 hour exam.

This course will explore the unique character of Australia's experience in the world from white Australia to multiculturalism, from British race patriotism to 'Eurasian nation'. It traces the emergence of a distinctive foreign policy tradition out of the special problems created for a European-derived society located in the Asia Pacific region. It considers the implications of this experience for national identity and the tensions between the community of culture and the community of interest.

**HSTY 2051 The Spanish Civil War**

8 credit points. Dr Keene. Semester: 1. Classes: 2 hrs/wk lectures, 1 hr/wk tutorial. Prerequisite: 12 Junior History or Spanish Language credit points. Prohibition: 425: The Spanish Civil War. Assessment: One 1000 word tutorial paper, one 3000 word essay and a 2 hour exam.

The Spanish civil war (1936-1939) was a critical event in modern Spanish history and in international relations. The conflict in Spain elicited an enormous response from intellectuals and activists of the Left and Right around the world. As well, some hundred thousand foreigners enlisted in Spain, most with the Republican International Brigades in what, politically and militarily, was the curtain-raiser to World War Two. This unit enables students to study this important and fascinating twentieth century event in depth.

**HSTY 2052 Genocide in Historical Perspective**

8 credit points. Dr Moses. Semester: 2. Classes: 2 hrs/wk. Tutorial 1 hr/wk. Prerequisite: 12 credit points of History. Assessment: 4000 word essay, two hour take home exam.

This unit will introduce students to the field of genocide studies, beginning with competing definitions of genocide, and moving to a detailed treatment of various cases of mass death in world history. Whether each case is a genocide will be considered with reference to the discussed definitions. The legal prosecution of genocide will be covered. The Holocaust, to which a separate unit is devoted, will be referred to in lectures but not in tutorials, and will not be assessed.

**HSTY 2053 Reformation and Society**

8 credit points. Dr Zlatar. Semester: 2. Classes: 2 lectures and 1 tutorial per week. Prerequisite: 12 Junior credit points of History or Ancient History, European History or Asian History and Culture. Assessment: Assignments and an essay.

The Reformation was both a theological and social revolution, and the two were so intertwined that it has proved difficult for both contemporaries and modern scholars to do justice to it by just concentrating on one of the twin aspects. This course will examine both in detail and will give equal emphasis to both purely religious and broader socio-economic and cultural issues.

**HSTY 2901 Writing History: Reading the Past**

4 credit points. Semester: 1. Classes: 1 lecture & 1 tutorial/wk. Prerequisite: Credit average in 12 credit points of Junior History, Ancient History, Economic History or Asian History and Culture. Assessment: 4000 words written work; 90% written work and 10% class participation. Attendance at both lectures and tutorials is compulsory.

Writing History offers students an introduction to the way in which historians have constructed their stories of the past. In 'Reading the Past', selected examples of history writing are set in the context of theoretical discussions of larger themes. The themes focus on popular objects, actions around which historians think about the past. We will discuss social theories (eg, marxism, feminism, structuralism, post-structuralism); emphasise the way in which theory grows out of the need to solve historical problems, questions, and is integral to the construction of an historical narrative.

**HSTY 2902 Writing History: Recovering the Past**

4 credit points. Semester: 2. Classes: 1 lecture & 1 tutorial/wk. Prerequisite: HSTY 2901. Assessment: 4000 words written work; 90% written work and 10% class participation.

Attendance at both lectures and tutorials is compulsory.

Writing History offers students an introduction to the way in which historians have constructed their stories of the past. In 'Recovering the past' we build on the work done in 'Reading the Past' regarding the relationship of history to theory. The emphasis in 'Recovering the Past' is on the kinds of sources used by the historian in writing their history, in public histories, in oral histories, in the making of documentaries as well as academic history.

**HSTY 3003 Australian Cultural History**

4 credit points. Mr White. Semester: 1. Classes: 2hr seminar/wk. Prerequisite: Credit average in 24 credit points of History, including HSTY 2901 and HSTY 2902. Assessment: 4000-5000 words written work; 90% written work and 10% class participation.

This investigation of Australian cultural history in the nineteenth and twentieth centuries covers a flexible range of topics, including landscapes, acclimatisation, food, gardening, romance, literacy, modernism, childhood, bohemians, sport, beach culture, shopping, architecture, Hollywood, comics and the overseas trip.

**HSTY 3004 Issues in Australian Cultural History**

4 credit points. Mr White. Semester: 2. Classes: 2hr seminar/wk. Prerequisite: Credit average in 24 credit points of History, including HSTY 2901 and HSTY 2902. Assessment: 4000-5000 words written work, 90% written work and 10% class participation.

In this unit we investigate questions of national identity, the relationship between rural and urban, conceptions and reality of the bush, modernity and cultural transmission, cultural production and consumption, gender and authority. We consider a range of theoretical approaches to the above problems.

**HSTY 3011 Joan of Arc and Medieval Misogyny**

4 credit points. Dr Ward. Semester: 2. Classes: 2 hr / week. Prerequisite: Credit average in 24 credit points of History including HSTY 2091 and HSTY 2902. Assessment: 4000-5000 words written work worth 90%, and 10% class participation.

Despite all the recent attention to Joan of Arc - in film and academic writings - she remains a totally perplexing figure. This course aims to examine her career in fact and fiction and to approach her phenomenon from a number of separate points of view - medieval prophesy, prostitution, sainthood, popular and folk religion, witchcraft, the tradition of medieval misogyny, the inquisition and its procedures, the 100 years war and Franco-English rivalry, French internal politics (Burgundy versus the monarchy), medieval writing about women (Boccaccio, Christine de Pizan), transvestitism, women at war and any other useful vantage-point.

**Preliminary reading**

Bloch, R.Howard *Medieval Misogyny and the invention of western*

*romantic love* (Chicago: University of Chicago Press 1991).

Devries, Kelly *Joan of Arc: a military leader* Stroud, Gloucestershire: Sutton 1999.

Gordon, Mary *Joan of Arc* (London: Weidenfeld 2000).

Pernoud, Regine and Clin, Marie-Veronique *Joan of Arc: her story, translated and revised by Jeremy duQuesnay Adams, ed. Bonnie Wheeler, N.Y.: St. Martin's Griffin 1999.*

Wamer, Marina *Joan of Arc: the image of female heroism* (N.Y.: Knopf 1981)

**HSTY 3049 European Cultural History**

4 credit points. Dr Zdenko Zlatar. Semester: 1. Prerequisite: Credit average in 24 credit points of History, including HSTY 2901 and HSTY 2902.

'The Making of the Modern 1880-1930'.

The notion of 'the modern' emerged in its full light only in the wake of the French Revolution, specifically during the period of Romanticism. Yet it took the rest of the 19th century to lay the foundations for a literary movement of Modernism which emerged in the early 20th century and held sway in the inter-war period. Thus, the making of 'the modern' took place during the period of Romanticism and Nationalism in 19th-century Europe, but fully emerged only on the eve of the First World War. Yet the seeds of its destruction were already described by Nietzsche in the late 19th century. It was in the first half of the 20th century that the foundations were laid for the breaking of the concepts of 'die modern' and of the notion of modernity. In this course we will look at the way that the concept of 'the modern' was put together by such thinkers as Hegel and Marx, Burckhardt and Huizinga, Weber, Troeltsch, Dostoevsky, Freud and Jung, as well as the literary form of Modernism in the writings of Thomas Mann, D.H. Lawrence and Franz Kafka.

**HSTY 3050 Issues in European Cultural History**

4 credit points. Dr Zlatar. Semester: 2. Classes: two 2hr seminars/wk. Prerequisite: Credit average in 24 credit points of History, including HSTY 2901 and HSTY 2902. Assessment: 4000-5000 written words. "The breaking of the Modern 1930-1980."

It was in the first half of the 20th century that the foundations were laid for the breaking of the concepts of 'the modern' and of the notion of modernity. We will look at the breaking of this concept in the thought and writing of Nietzsche, Spengler, Croce, Gramsci, Levi-Strauss, Foucault and Derrida.

**HSTY 3079 American History on the World Wide Web 1**

4 credit points. Dr Robertson. Semester: 1. Classes: 2 hour seminar. Prerequisite: Credit average in 24 credit points of History including HSTY 2901 and HSTY 2902. Assessment: One 2000 word Web review and one 3000 word site analysis; 90% written work, 10% participation. This unit explores the ways that American history is researched, taught and learnt in the new medium of the World Wide Web. We will critically analyse examples of the different forms in which American history appears on the Web, considering both the treatment of particular topics and the impact of different designs. Students will also develop a web-based resource centred on a

primary source; that project will be the focus in the unit that continues this course in semester two.

**HSTY 3080 American History on the World Wide Web 2**

4 credit points. Dr S Robertson. Semester: 2. Classes: 2 hour seminar. Prerequisite: HSTY 3079. Assessment: One web-based project equivalent to a 4000-5000 word paper; 90% written work, 10% participation.

This unit continues American History on the World Wide Web 1. Building on our critical analysis of history on the Web in the first semester, each student will develop a web-based resource centred on a primary source that interests them, using the American History Documents in Context template ([www.arts.usyd.edu.au/~sterobr/docsincontext.htm](http://www.arts.usyd.edu.au/~sterobr/docsincontext.htm)). The completed resources will become part of that Web site. Our focus will be content and its presentation; no technical Web design skills are required.

**HSTY 3081 Ways of Seeing the Italian Renaissance 1**

4 credit points. Dr Nicholas Eckstein. Semester: 1. Classes: 2 hour seminar. Prerequisite: Credit average in 24 credit points of History including HSTY 2091 and HSTY 2902. Assessment: 2000 word 'field' project, 3000 word research essay.

This unit analyses recent historiographical approaches to the study of the Italian Renaissance. Beyond acquiring a detailed knowledge of that society, we will actively apply the various approaches studied in a series of special 'workshop' seminars in semester one. Students enrolling in HSTY 3082 in semester two will utilise an interactive web-site to undertake their own original, interdisciplinary study of the Florentine church of Orsanmichele and its significance in urban life of the most important city of the Italian Renaissance.

**HSTY 3082 Ways of Seeing the Italian Renaissance 2**

4 credit points. Dr Nicholas Eckstein. Semester: 2. Classes: 2 hour seminar. Prerequisite: Credit average in 24 credit points of History including HSTY 2091 and HSTY 2902. Assessment: 2000 word 'field' project, 3000 word research essay.

This unit builds on the study of recent trends in Italian Renaissance historiography pursued in HSTY 3081 in semester one. By applying the various approaches of the 'workshop' seminars in semester one, students in second semester will utilise an interactive web-site to undertake their own original, interdisciplinary study of the Florentine church of Orsanmichele and its significance in urban life of the most important city of the Italian Renaissance.

**HSTY 3085 The Celtic World**

4 credit points. Dr Olson. Semester: 1. Classes: 2 hour seminar per week. Prerequisite: 12 Junior History, Modern Asian History and Culture, Ancient History or Economic History credit points (Credit or better), 24 Senior credit points in History (including HSTY 2901 and 2902) or Ancient History equivalent (Credit average). Prohibition: 214.2: The Celtic World.Celtic Studies 2001. Assessment: 4000 words written work plus seminar participation.

The unit examines the Celtic world from c.500B.C.-c.1200A.D., focusing increasingly on the periphery of the British Isles and Brittany, comparing the Celts with their conquerors and neighbours, and with each other. Particular use will be made of archaeological evidence.

**HSTY 3086 Democratization in the Asia-Pacific I**

4 credit points. Dr Wong. Semester: 1. Classes: 2 hour seminar per week. Prerequisite: At least 4 units of Historical or Asian Studies. Prohibition: 480S: Dictatorship and Democracy in the Asia-Pacific, 1945-93. Assessment: 4000 word essay.

This unit will focus on studying the so-called 'Confucian societies': China, Japan, Korea, Taiwan, Hong Kong, Singapore and Vietnam. It is said that Confucian ethics, Confucian values, Confucian attitudes and the like contribute greatly to the neo-authoritarianism of these societies. Nonetheless these societies are slowly democratizing their polities. Australia has decided that its future lies in Asia. It is important, therefore, that Australian students acquire a good understanding of the painful process of democratization that is going on in the Confucian societies of Asia.

**HSTY 3087 Democratization in the Asia-Pacific II**

4 credit points. Dr Wong. Semester: 2. Classes: 2 hour seminar per week. Prerequisite: At least 4 units of Historical or Asian Studies. Prohibition: 480S: Dictatorship and Democracy in the Asia-Pacific, 1945-93. Assessment: 4000 word essay.

This unit will focus on studying the so-called 'Confucian societies': China, Japan, Korea, Taiwan, Hong Kong, Singapore and Vietnam. It is said that Confucian ethics, Confucian values, Confucian attitudes and the like contribute greatly to the neo-

authoritarianism of these societies. Nonetheless these societies are slowly democratizing their polities. Australia has decided that its future lies in Asia. It is important, therefore, that Australian students acquire a good understanding of the painful process of democratization that is going on in the Confucian societies of Asia.

### **HSTY 4011 History Honours A**

12 credit points. Semester: 1,2. Classes: 2 hr seminar/week. Prerequisite: Credit average in 48 Senior credit points of History, including HSTY 2901 and HSTY 2902, and 8 credit points of study at 3000 level.

*NB: Permission required for enrolment.*

Two of the 3000 series of units and one of the following History IV General Seminars:

#### *Sex and Subjectivity (Dr P Russell)*

In this seminar we investigate some of the many forms including memoirs, letters, diaries and oral history in which women and men have written their life stories. Treading lightly on a range of cultures and historical eras, we consider the narrative structures of autobiographies and examine the development of identity and sexual subjectivity through memory, writing and relationships. We draw upon historical and theoretical literature to analyse particular examples of autobiographical writing in the light of their value to historians.

#### *Intellectual History (Dr A Fitzmaurice)*

The aim of this seminar is to introduce students to the history of ideas. Through the twentieth century historians became increasingly concerned with taking the ideas of past cultures as their subject, a subject distinct from the study of formal philosophy. The course will follow changes in this discipline from the meta-history of the Great Chain of Being, pursued after the Second World War, through the emphasis in the 1960s upon context, to recent challenges from social and cultural history. Links with archaeology and anthropology will also be explored.

#### *History of Politics (Dr GSluga)*

Political history is the oldest form of modern history writing, and in recent years historians have begun to rethink how the history of politics might be written, and indeed reconsidering the nature of politics itself. This seminar will examine some of the theoretical issues behind the changing approaches to political history, and consider the latest examples of political history writing in national, international and diplomatic histories.

### **HSTY 4012 History Honours B**

12 credit points. Semester: 1,2. Prerequisite: See under HSTY 4011.

*NB: Permission required for enrolment.*

See under HSTY 4011

### **HSTY 4013 History Honours C**

12 credit points. Semester: 1,2. Prerequisite: See under HSTY 4011.

*NB: Permission required for enrolment.*

See under HSTY 4011

### **HSTY 4014 History Honours D**

12 credit points. Semester: 1,2. Prerequisite: See under HSTY 4011.

*NB: Permission required for enrolment.*

See under HSTY 4011

## ■ INMS

### **INMS 1101 Indonesian Introductory 1**

6 credit points. Semester: 1. Classes: 5 hrs/week. Prohibition: Native or near native speakers of Indonesian or Malay, HSC Continuer, or Extension Indonesian or Beginners Indonesian - 75% or above or equivalent. Assessment: Classwork, assignments and tests, semester exam.

*NB: Permission required for enrolment. Native or near native speakers of Indonesian or Malay must consult the department before enrolling.*

This unit offers an introduction to the Indonesian language. It is designed to equip students with basic communicative and reading skills and covers pronunciation, word formation, sentence structure and a vocabulary of approximately 1000 words.

#### *Textbooks*

Materials are supplied and may be purchased by students from the University Copy Centre.

### **INMS 1102 Indonesian Introductory 2**

6 credit points. Semester: 2. Classes: 5 hrs/week. Prerequisite: INMS 1101. Assessment: Classwork, assignments and tests, semester exam.

*NB: Permission required for enrolment.*

This is a continuing unit designed to consolidate skills acquired in INMS 1101, to extend these skills and prepare students for further language study. Communicative and reading skills will continue to be developed and more complex morphological and grammatical structures will be studied.

#### *Textbooks*

As for INMS 1101

### **INMS 1301 Indonesian Introductory 3**

6 credit points. Semester: 1. Classes: 5 hrs/week. Assumed knowledge: HSC Continuer, or Extension Indonesian or Beginners Indonesian - 75% or above or equivalent. Assessment: Classwork, assignments, tests, oral presentations and take home exam.

*NB: Permission required for enrolment.*

This unit offers an introduction to the study of Indonesian at university level for students with previous knowledge of the language. Emphasis is placed on communicative activities and there is extensive development of skills already acquired in speaking, listening and writing. Contemporary Indonesian materials are used, arranged on a thematic basis. Interpretive reading of texts relating to these themes will develop students' understanding of the social and cultural contexts in which Indonesian is used.

#### *Textbooks*

Materials are supplied and may be purchased by students from the University Copy Centre.

### **INMS 1302 Indonesian Introductory 4**

6 credit points. Semester: 2. Classes: 5 hrs/week. Prerequisite: INMS 1301. Assessment: Classwork, assignments, tests, oral presentations and take home exam.

*NB: Permission required for enrolment.*

Consolidating and building on skills acquired in INMS 1301, this unit is designed to prepare students for senior level study of Indonesian. Fieldwork will involve contacting and interviewing a member of the Indonesian community living in Sydney.

This unit will also involve the analytical reading of Indonesian language texts expressing the opinions of Indonesians on important social and national issues during the New Order period.

#### *Textbooks*

Materials are supplied and may be purchased by students from the University Copy Centre.

### **INMS 2101 Indonesian Intermediate 1**

8 credit points. Semester: 1. Classes: 5 hrs/week. Prerequisite: INMS 1102. Assessment: Classwork, assignments, tests, oral presentations and take-home exam.

This unit emphasises communicative activities in Indonesian, with extensive development of skills already acquired in speaking, listening, reading and writing. Classes are 'learner-centred', providing students with opportunities to take responsibility for their own learning strategies and goals. Contemporary Indonesian materials are used, arranged on a thematic basis. Interpretive reading of texts related to these themes will develop students' understanding of the social and cultural contexts in which Indonesian is used.

#### *Textbooks*

Materials are supplied and may be purchased by students from the University Copy Centre

### **INMS 2102 Indonesian Intermediate 2**

8 credit points. Semester: 2. Classes: 5 hrs/week. Prerequisite: INMS 2101. Assessment: Classwork, assignments, tests, oral presentations and take-home exam.

This unit consolidates and extends skills acquired in INMS 2101. It is designed to prepare students for upper level study of Indonesian. Fieldwork will involve contacting and interviewing a member of the Indonesian community living in Sydney. The unit will also involve the analytical reading of Indonesian language texts expressing the opinions of Indonesians on important social and national issues during the New Order period.

#### *In-country study*

Students may credit to INMS 2101 or INMS 2102 the six week intensive course in Indonesian Language and Culture given at Satya Wacana University. Under this arrangement students must complete the intensive course Level 2 in December/January or Level 3 in July as appropriate, for credit in the following semester. Students applying for credit for the intensive course must also complete the analytical reading sections of the relevant unit of study.

For further information on this arrangement, students should consult the head of the section.

*Textbooks*

Materials are supplied and may be purchased by students from the University Copy Centre.

**INMS 2301 Indonesian Intermediate 3**

8 credit points. **Semester:** 1. **Classes:** 5 hrs/week. **Prerequisite:** INMS 1302. **Assessment:** Classwork, assignments and tests, one semester examination.

The three main components of this unit are comprehension, communicative activities and grammar/usage. The aim is to expand and develop the skills of speaking, listening, reading and writing, using material from a variety of contemporary sources.

One two-hour seminar per week will also be devoted to analytical reading of Indonesian literary materials.

*Textbooks*

Materials are supplied and may be purchased by students from the Copy Centre

**INMS 2302 Indonesian Intermediate 4**

8 credit points. **Semester:** 2. **Classes:** 5 hrs/week. **Prerequisite:** INMS 2301. **Assessment:** Classwork, assignments and tests, one two hour examination.

This unit consolidates and builds on skills acquired in INMS 2301. The emphasis of the unit continues to be on extensive study of Indonesian comprehension, communicative skills and grammar/usage.

One two-hour seminar per week will also be devoted to the analytical reading of contemporary Indonesian texts.

*In-country study*

Students may credit to INMS 2301 or INMS 2302 the six week intensive course in Indonesian Language and Culture given at SatyaWacana University. Under this arrangement, students must complete the intensive course Level 4 in December/January or Level 5 in July, for credit in the following semester. Students applying for credit must also complete the analytical reading seminar in the unit concerned.

For further information on this arrangement, students should consult the head of the section.

*Textbooks*

Materials are supplied and may be purchased by students from the Copy Centre.

**INMS 2901 Indonesia in the Global Age**

8 credit points. **Semester:** 1. **Classes:** 3 hrs/week. **Prerequisite:** 12 junior credit points in Asian Studies, History, Economic History, Government or an Asian language. **Assessment:** Classwork, assignments and essays.

This unit of study examines the history of Indonesia, the fourth most populous country in the world and Australia's nearest neighbour. Emphasis will be placed on: state formation and the problem posed by regionalism; economic development and the interaction between foreign and indigenous economies and cultures in the formation of pre-modern states and the modern nation; the experience and legacy of colonialism; and the vicissitudes of the modern nation state since independence.

**INMS 3101 Indonesian Advanced 1**

8 credit points. **Semester:** 1. **Classes:** 5 hrs/week. **Prerequisite:** INMS 2102. **Assessment:** Classwork, assignments and tests, essays.

The three main components of this unit are comprehension, communicative activities and grammar/usage. The aim is to extend and develop the skills of speaking, listening, reading and writing, using material from a variety of contemporary sources.

One two-hour seminar per week will be devoted to a study of the history and diversity of literature written in Indonesian since the beginning of the twentieth century. The thematic focus will be the construction of gender and the question of national identity as expressed in prose, poetry, drama and film.

*Textbooks*

Materials are supplied and may be purchased by students from the Copy Centre.

**INMS 3102 Indonesian Advanced 2**

8 credit points. **Semester:** 2. **Classes:** 5 hrs/week. **Prerequisite:** INMS 3101. **Assessment:** Classwork, assignments and tests, essays.

This unit extends and builds on the language acquisition activities covered in INMS 3101.

One two-hour seminar per week will be devoted to a study of major social and political issues in contemporary Indonesia. A variety of contemporary texts from Indonesia, incorporating written documents and audio-visual materials will be used.

*In-country study*

Students may credit to INMS 3101 or INMS 3102 the six week intensive course in Indonesian Language and Culture given at

Satya Wacana University. Under this arrangement students must complete the intensive course Level 4 in December/January or level 5 in July, for credit in the following semester. Students applying for credit must also complete the seminar on modern Indonesian literature (INMS 3101) or contemporary social and political issues (INMS 3102).

For further information on this arrangement students should consult the head of the section.

*Textbooks*

Materials are supplied and may be purchased by students from the Copy Centre.

**INMS 3301 Indonesian Advanced 3**

8 credit points. **Semester:** 1. **Classes:** 5 hrs/week. **Prerequisite:** INMS 2302. **Assessment:** Classwork, assignments and tests, essays.

This unit emphasises analysis and discussion in Indonesian of topics related to contemporary Indonesian society. A variety of contemporary material is used.

One two-hour seminar per week will be devoted to a study of the history and diversity of literature written in Indonesian since the beginning of the twentieth century. The thematic focus will be the construction of gender and the question of national identity as expressed in prose, poetry, drama and film.

*Textbooks*

Materials are supplied and may be purchased by students from the Copy Centre.

**INMS 3302 Indonesian Advanced 4**

8 credit points. **Semester:** 2. **Classes:** 5 hrs/week. **Prerequisite:** INMS 3301. **Assessment:** Classwork, assignments and tests, essays.

The unit continues the type of study undertaken in INMS 3301.

One two-hour seminar per week will be devoted to a study of written documents and audio-visual material dealing with topical social and political issues in contemporary Indonesia.

*In-Country Study*

Students may credit to INMS 3301 or INMS 3302 the six-week intensive course in Indonesian Language and Culture given at Satya Wacana University. Under this arrangement students must complete the intensive course Level 5 in December/January or July, for credit in the following semester. Students applying for credit must also complete the seminar on modern Indonesian literature (INMS 3301) or contemporary social and political issues (INMS 3302).

For further information on this arrangement, students should consult the head of the section.

*Textbooks*

Materials are supplied and may be purchased by students from the Copy Centre

**INMS 3902 Introduction to Research and Methodology**

8 credit points. **Semester:** 2. **Classes:** 2 hrs/week. **Prerequisite:** Credit in INMS 2901 and INMS 2102 or INMS 2302. **Assessment:** Classwork and bibliographic project.

This unit of study is intended to train students to select and evaluate a specific area of research in some field of Indonesian or Southeast Asian Studies. Students will learn basic research skills, in particular how to design a research project, write a research proposal, and construct a critical bibliography. Following the study of a number of exemplary research projects, students will design their own project and write a proposal under the supervision of a member of staff assigned to diem for this purpose.

**INMS 4011 Indonesian and Malayan Studies Hons A**

12 credit points. **Semester:** 1,2. **Classes:** 2 hrs language/week full year and 2 hrs seminar/week session 1. **Prerequisite:** INMS 3102 or INMS 3302 and INMS 3192, all at Credit level. **Assessment:** Assignments and Essays.

*Indonesian Honours Language*

This unit is designed to develop advanced reading, writing and speaking skills in Indonesian. Students will be given an opportunity to relate part of their work in this unit to their thesis project.

*Indonesian Research Seminar*

This seminar will address contemporary approaches to the study of modern Indonesia, through an examination of significant recent publications in the fields of socio-political and cultural studies. Students will be given an opportunity to research particular areas of interest related to their thesis project.

*Indonesian Honours Thesis*

The thesis will be based on independent research under the supervision of a member of staff and will be evaluated according



to the level of achievement in the following areas: (1) overall command of the secondary literature in English and Indonesian and demonstration of the ability to use this material to construct an original analysis of primary material in Indonesian; (2) command and analytic use made of a relevant corpus of primary Indonesian language material; (3) command of a particular disciplinary or interdisciplinary approach to the topic; (4) overall quality and originality of the essay.

**INMS 4012 Indonesian and Malayan Studies Hons B**  
12 credit points. **Semester:** 1,2.

*NB: Permission required for enrolment.*

**INMS 4013 Indonesian and Malayan Studies Hons C**  
12 credit points. **Semester:** 1,2.

*NB: Permission required for enrolment.*

**INMS 4014 Indonesian and Malayan Studies Hons D**  
12 credit points. **Semester:** 1,2.

*NB: Permission required for enrolment.*

## ■ ITLN

### ITLN 1101 Beginners' Italian 1

6 credit points. Drs Bartoloni, Mauzeri and Rubino. **Semester:** 1,2. **Classes:** 4 language tutorials and 1 lecture. **Prohibition:** ITLN 1201, ITLN 1301, ITLN 1401. **Assessment:** class work, assignments, tests, exam.

*NB: A student who is qualified to enter a higher level course may not enrol in a lower level course. Students who have taken HSC Italian and students who have any formal training from other source are required to identify themselves to the department as soon as possible.*

ITLN 1101 introduces the main structures of Italian language and provides an overview of contemporary Italian history and society. The language component develops all four language skills, with a particular focus on the development of grammatical accuracy. The cultural component, Introduction to Italian Studies, consists of a series of lectures which offer insight into some of the salient issues of Italian history from Unification to the present.

#### *Textbooks*

Lazarino, Prego (McGraw-Hill) 5th edition

Other texts available from Department

#### *Recommended reference books*

Adorni and Primorac, English Grammar for Students of Italian (Olivia and Hill)

De Mauro, Guida all'uso delle parole (Editori Riuniti)

Duggan, A Concise History of Italy (Cambridge)

Ginsborg, A History of Contemporary Italy: Society and Politics 1943-1988 (Penguin) [latest edition]

#### *Recommended dictionaries*

Collins Italian Concise Dictionary (Collins)

Collins Sansoni Italian Dictionary (Collins)

### ITLN 1102 Beginners' Italian 2

6 credit points. Drs Bartoloni, Mauzeri and Rubino. **Semester:** 2. **Classes:** 3 language tutorials, 1 reading seminar, 1 lecture. **Prerequisite:** ITLN 1101. **Prohibition:** ITLN 1202, ITLN 1302, ITLN 1402. **Assessment:** class work, assignments, tests, exam, essay.

The language component of ITLN 1102 builds further on the structures acquired in ITLN 1101. The cultural component, Modern Italy, explores aspects of twentieth-century Italian cultural, social, and political life through the presentation in a weekly lecture of major literary and cultural movements and figures, followed by guided reading and analysis of relevant texts in a weekly reading seminar.

#### *Textbooks*

Lazarino, Prego (McGraw-Hill) 5th edition

Other texts available from Department

Modern Italy texts available from Department

#### *Recommended reference books*

De Mauro, Guida all'uso delle parole (Editori Riuniti)

Duggan, A Concise History of Italy (Cambridge)

Ginsborg, A History of Contemporary Italy: Society and Politics 1943-1988 (Penguin) [latest edition]

### ITLN 1201 Intermediate Italian 1

6 credit points. Dr Modesto, Dr Mauzeri. **Semester:** 1. **Classes:** 3 language tutorials, 1 reading seminar and 1 lecture per week. **Prerequisite:** HSC 2U2 Italian or Italian Beginners. **Prohibition:** ITLN 1101, ITLN 1301, ITLN 1401. **Assessment:** class work, assignments, tests, essay.

ITLN 1201 consolidates the main structures of Italian grammar and provides an overview of contemporary Italian history and

society. The language component develops the four language skills, introducing complex structures. Reading, writing, and close analysis of appropriate texts are particular features of this section. The cultural component consists of a series of lectures, Introduction to Italian Studies, which offer an insight into some of the salient issues of Italian history from Unification to the present, and a reading seminar which deals with a range of twentieth-century literary texts.

#### *Textbooks*

Habekovic and Mazzola, Insieme: an Intermediate Italian Course (McGraw Hill)

Other texts available from Department

#### *Recommended dictionaries*

Collins Sansoni Italian Dictionary (Collins)

Zingarelli, Vocabolario della lingua italiana (Zanichelli)

#### *Recommended reference books*

De Mauro, Guida all'uso delle parole (Editori Riuniti)

Duggan, A Concise History of Italy (Cambridge)

Ginsborg, A History of Contemporary Italy: Society and Politics 1943-1988 (Penguin) [latest edition]

### ITLN 1202 Intermediate Italian 2

6 credit points. Dr Modesto, Dr Mauzeri. **Semester:** 2. **Classes:** 3 language tutorials, 1 reading seminar, 1 lecture. **Prerequisite:** ITLN 1201. **Prohibition:** ITLN 1102, ITLN 1302, ITLN 1402. **Assessment:** class work, assignments, tests, essay.

The language component of ITLN 1202 builds on the competence acquired in ITLN 1201. The cultural component, Modern Italy, explores aspects of twentieth-century Italian cultural, social, and political life through the presentation in a weekly lecture of major literary and cultural movements and figures, followed by a guided reading and analysis of relevant texts in a weekly reading seminar.

#### *Textbooks*

Habekovic and Mazzola, Insieme: an Intermediate Italian Course (McGraw Hill)

Modern Italy texts available from Department

#### *Recommended dictionaries*

Collins Sansoni Italian Dictionary (Collins)

Zingarelli, Vocabolario della lingua italiana (Zanichelli)

#### *Recommended reference books*

De Mauro, Guida all'uso delle parole (Editori Riuniti)

Duggan, A Concise History of Italy (Cambridge)

Ginsborg, A History of Contemporary Italy: Society and Politics 1943-1988 (Penguin) [latest edition]

### ITLN 1301 Advanced Italian 1

6 credit points. Dr Rubino, Dr Bartoloni. **Semester:** 1. **Classes:** 3 language tutorials, 1 reading seminar and 1 lecture. **Prerequisite:** HSC 2U or 3U Italian or Italian Continuers or Italian Extension. **Prohibition:** ITLN 1101, ITLN 1201, ITLN 1401. **Assessment:** class work, assignments, tests, essay.

ITLN 1301 revises and consolidates the main structures of Italian grammar, and provides an overview of contemporary Italian history and society. The language component focuses on the development of skills in reading and writing. The cultural component consists of a series of lectures, Introduction to Italian Studies, which offer an insight into some of the salient issues of Italian history from Unification to the present, and a reading seminar which deals with a range of twentieth-century literary texts.

#### *Textbooks*

Mazzetti, A., Manili, P. & Bagianti M.R. (1997) Qui Italia piu (Le Monnier)

#### *Recommended dictionary*

Zingarelli, Vocabolario della lingua italiana (Zanichelli)

#### *Recommended reference books*

De Mauro, Guida all'uso delle parole (Editori Riuniti)

Duggan, A Concise History of Italy (Cambridge)

Ginsborg, A History of Contemporary Italy: Society and Politics 1943-1988 (Penguin) [latest edition]

### ITLN 1302 Advanced Italian 2

6 credit points. Dr Rubino, Dr Bartoloni. **Semester:** 2. **Classes:** 3 language tutorials, 1 reading seminar and 1 lecture. **Prerequisite:** ITLN 1301. **Prohibition:** ITLN 1102, ITLN 1202, ITLN 1402. **Assessment:** class work, assignments, tests, essay.

The language component of ITLN 1302 builds on the competence acquired in ITLN 1301. The cultural component, Modern Italy, explores aspects of twentieth-century Italian cultural, social, and political life through the presentation in a weekly lecture of major literary and cultural movements and figures, followed by a guided reading and analysis of relevant texts in a weekly reading seminar.



*Textbooks*

Mazzetti, A., Manili, P. & Bagianti M.R. (1997) *Qui Italia piu* (Le Monnier)

Modern Italy texts available from Department

*Recommended dictionary*

Zingarelli, *Vocabolario della lingua italiana* (Zanichelli)

*Recommended reference books*

De Mauro, *Guida all'uso delle parole* (Editori Riuniti)

Duggan, *A Concise History of Italy* (Cambridge)

Ginsborg, *A History of Contemporary Italy: Society and Politics 1943-1988* (Penguin) [latest edition]

**ITLN 1401 Advanced Italian 1 (Native Speakers)**

6 credit points. Dr Rubino. Semester: 1. Classes: 1 reading seminar, 1 lecture, and language tutorials as prescribed. Prerequisite: Native-speaker proficiency in Italian. Prohibition: ITLN 1101, ITLN 1201, ITLN 1301. Assessment: class work, assignments, tests, essay.

*NB: Permission required for enrolment.*

Consult Chair of Department prior to Faculty enrolment.

**ITLN 1402 Advanced Italian 2 (Native Speakers)**

6 credit points. Dr Rubino. Semester: 2. Classes: 1 reading seminar, 1 lecture, and language tutorials as prescribed. Prerequisite: ITLN 1401. Prohibition: ITLN 1102, ITLN 1202, ITLN 1302. Assessment: class work, assignments, tests, essay.

Builds on ITLN 1401.

**ITLN 2101 Intermediate Italian Language 3**

4 credit points. Dott. Marmini. Semester: 1. Classes: 2 language tutorials and 1 oral/aural class per week. Prerequisite: ITLN 1102. Prohibition: ITLN 2201, ITLN 2301. Assessment: class work, assignments, tests.

ITLN 2101 revises and consolidates the principal structures of the language, introducing complex structures.

*Textbooks*

To be advised.

*Recommended dictionary*

Collins Sansoni Italian Dictionary (Collins).

**ITLN 2201 Intermediate Italian Language 4**

4 credit points. Dott. Marmini. Semester: 1. Classes: 2 language tutorials and 1 oral/aural class per week. Prerequisite: ITLN 1202. Prohibition: ITLN 2101, ITLN 2301. Assessment: class work, assignments, tests.

ITLN 2201 revises and consolidates complex structures of the language.

*Textbooks*

To be advised.

*Recommended dictionary*

Zingarelli, *Vocabolario della lingua italiana* (Zanichelli).

**ITLN 2202 Intermediate Italian Language 5**

4 credit points. Dott. Marmini. Semester: 2. Classes: 2 language tutorials and 1 oral/aural class per week. Prerequisite: ITLN 2101 or ITLN 2201. Prohibition: ITLN 2302. Assessment: class work, assignments, tests.

ITLN 2202 consolidates and expands skills in listening, speaking, reading and writing.

*Textbooks*

To be advised.

*Recommended dictionary*

Zingarelli, *Vocabolario della lingua italiana* (Zanichelli).

**ITLN 2301 Advanced Italian Language 3**

4 credit points. Dott. Zanardi. Semester: 1. Classes: 2 tutorials per week. Prerequisite: ITLN 1302 or ITLN 1402. Prohibition: ITLN 2101, ITLN 2201. Assessment: class work, assignments, tests.

ITLN 2301 has a particular focus on the development of oral-aural and written skills.

*Textbooks*

Totaro and Zanardi, *Quintetto italiano* (Bonacci)

Silvesfxini, *L'Italiano e l'Italia* (Guerra)

*Recommended dictionary*

Zingarelli, *Vocabolario della lingua italiana* (Zanichelli).

**ITLN 2302 Advanced Italian Language 4**

4 credit points. Dott. Zanardi. Semester: 2. Classes: 2 tutorials per week. Prerequisite: ITLN 2301. Prohibition: ITLN 2202. Assessment: class work, assignments, tests.

Builds on ITLN 2301.

*Textbooks*

Totaro and Zanardi, *Quintetto italiano* (Bonacci)

*Recommended reference books*

Silvestrini, *L'Italiano e l'Italia* (Guerra)

*Recommended dictionary*

Zingarelli, *Vocabolario della lingua italiana* (Zanichelli).

**ITLN 2901 Italian 2 Honours: Methodologies**

4 credit points. Professor Newbigin, Associate Professor Reynolds. Semester: 1. Classes: 2 hr/wk. Prerequisite: Credit result in one of ITLN 1102, ITLN 1202, ITLN 1302, ITLN 1402. Assessment: class work, assignments.

ITLN 2901 introduces students to modes and methodologies of research, with special emphasis on bibliography, the use of printed and electronic resources, and the methodologies pertinent to the various modes of research in diverse fields of Italian studies. This unit may also be taken as part of the Pass degree.

*Textbooks*

Gibaldi, *MLA Handbook for Writers of Research Papers* (Modern Language Association of America).

**ITLN 2902 Italian 2 Honours: Cultural History**

4 credit points. Professor Newbigin, Associate Professor Reynolds, Dr Modesto. Semester: 2. Classes: 1 lecture and 1 tutorial/week.

Prerequisite: Credit result in one of ITLN 1102, ITLN 1202, ITLN 1302, ITLN 1402. Assessment: class work, essays.

Through analysis of representative texts and the exploration of their contexts, ITLN 2902 surveys major figures, works, schools and movements in Italian literary culture from the thirteenth to the nineteenth century. This unit may also be taken as part of the Pass degree.

*Textbooks*

Andiology of Authors from the Duecento to the Ottocento (available from department).

**ITLN 3201 Advanced Italian Language 5**

4 credit points. Dott. Marmini. Semester: 1. Classes: 2 tutorials per week. Prerequisite: ITLN 2202. Prohibition: ITLN 3301. Assessment: class work, assignments, tests.

ITLN 3201 furthers competence in the language, with a particular focus on the development of advanced reading and writing skills.

*Textbooks*

Texts available from department

*Recommended dictionary*

Zingarelli, *Vocabolario della lingua italiana* (Zanichelli).

**ITLN 3202 Advanced Italian Language 6**

4 credit points. Dott. Marmini. Semester: 2. Classes: 2 tutorials per week. Prerequisite: ITLN 3201. Prohibition: ITLN 3302. Assessment: class work, assignments, tests, exam.

Builds on ITLN 3201.

*Textbooks*

Texts available from department

*Recommended dictionary*

Zingarelli, *Vocabolario della lingua italiana* (Zanichelli).

**ITLN 3301 Advanced Italian Language 7**

4 credit points. Dr Rubino. Semester: 1. Classes: 2 tutorials per week. Prerequisite: ITLN 2302. Prohibition: ITLN 3201, ITLN 3401.

Assessment: class work, assignments, tests.

ITLN 3301 furthers competence in the language, with a particular focus on the development of advanced reading and writing skills.

*Textbooks*

Texts available from department

*Recommended dictionary*

Zingarelli, *Vocabolario della lingua italiana* (Zanichelli).

**ITLN 3302 Advanced Italian Language 8**

4 credit points. Dr Rubino. Semester: 2. Classes: 2 tutorials per week. Prerequisite: ITLN 3301. Prohibition: ITLN 3202, ITLN 3402.

Assessment: class work, assignments, tests, exam.

Builds on ITLN 3301.

*Textbooks*

Texts available from department

*Recommended dictionary*

Zingarelli, *Vocabolario della lingua italiana* (Zanichelli).

**ITLN 3401 Advanced Italian Language 9**

4 credit points. Dr Rubino. Semester: 1. Classes: 2 hr/wk. Prerequisite: Advanced language skills. Assessment: class work, assignments.

*NB: Permission required for enrolment.*

Advanced composition in and translation into Italian, exploring modes, techniques and genres.

*Textbooks*

Texts available from department.

**ITLN 3402 Advanced Italian Language 10**

4 credit points. Dr Modesto. Semester: 2. Classes: 1 2-hour seminar per week. Prerequisite: Advanced language skills. Assessment: class work, assignments.

*NB: Permission required for enrolment.*

Translation from Italian, exploring modes, techniques and genres.

*Textbooks*

Texts available from department.

**ITLN 3701 Dante, Inferno**

4 credit points. Dr Modesto. **Semester: 1. Classes: 1** 2-hour seminar per week. **Prerequisite:** One of ITLN 1302, ITLN 1402, ITLN 2202.

**Assessment:** class work, assignments, essay.

An introduction to Dante's major works, concentrating on *Inferno*, the first cantica of the *Commedia*.

*Textbooks*

Dante, *La Divina Commedia, Inferno*, ed. N. Sapegno (*La Nuova Italia*).

**ITLN 3702 Dante: Purgatorio**

4 credit points. Dr Modesto. **Semester: 2. Classes: 1** 2-hour seminar per week. **Prerequisite:** ITLN 3701. **Assessment:** Class work, assignments, essay.

A study of *Purgatorio*, the second cantica of Dante's *Commedia*.

*Textbooks*

Dante's *Textbooks*:

Dante, *La Divina Commedia, Purgatorio*, ed. N. Sapegno (*La Nuova Italia*).

**ITLN 3705 Italian Medieval Drama**

4 credit points. Professor Newbigin. **Semester: 1. Classes: 1** 2-hour seminar per week. **Prerequisite:** ITLN 2202 or ITLN 1302. **Assessment:** classwork, assignments, essay.

A reading of a range of late medieval dramatic texts for Holy Week, from fourteenth-century Umbria to sixteenth-century Rome. The plays will be studied in their social, religious and artistic context, and readings will be supported by videos.

*Textbooks*

Texts available from department.

**ITLN 3708 Italian Renaissance Satire**

4 credit points. Associate Professor Reynolds. **Semester: 1. Classes: 1** 2-hour seminar per week. **Prerequisite:** One of ITLN 2202, ITLN 2302, ITLN 2902, ITLN 3706. **Assessment:** class work and essay.

An introduction to and overview of satire as a mode, through the study of prose and poetry of the High Renaissance in Rome.

*Textbooks*

Berni, *Rime burlesche* (Rizzoli).

**ITLN 3713 Twentieth Century Fictions**

4 credit points. Associate Professor Reynolds. **Semester: 2. Classes: 1** 2-hour seminar per week. **Prerequisite:** One of ITLN 1102, ITLN 1202, ITLN 1302, ITLN 1402. **Assessment:** class work, essay.

This unit combines examination and discussion of a range of short Italian fiction from the turn of the nineteenth century to the present day, in the context of an historical and critical overview of the Italian novel and short story 1880-2000.

*Textbooks*

Texts available from the department.

**ITLN 3715 Texts and Performance**

4 credit points. Professor Newbigin. **Semester: 1. Classes: 1** 2-hour seminar per week. **Prerequisite:** One of ITLN 1102, ITLN 1202, ITLN 1302, ITLN 1402. **Assessment:** class work, essay.

Theoretical and practical sessions explore the performance implications of a number of modern theatre texts (Futurists, Pirandello, Fo) and critical approaches to playtexts in the light of the transition from dramatic text to performance.

*Textbooks*

Texts available from department.

**ITLN 3752 Italian Sociolinguistics**

4 credit points. Dr Rubino. **Semester: 1. Classes: 1** 2-hour seminar per week. **Prerequisite:** One of ITLN 1302, ITLN 1402, ITLN 2202.

**Assessment:** classwork, assignments, essay.

An introduction to Italian Sociolinguistics and a study of the social and geographical variations of Italian.

*Textbooks*

Texts available from department.

**ITLN 3753 Italian Language Acquisition**

4 credit points. Dott. Marmini, Dott. Zanardi. **Semester: 2. Classes: 1** 2-hour seminar. **Prerequisite:** One of ITLN 1302, ITLN 1402, ITLN 2202.

**Assessment:** classwork, essay.

A exploration of recent studies in Italian language acquisition within the framework of current theories of second language acquisition.

*Textbooks*

Texts available from department.

**ITLN 3754 Italian in Contact**

4 credit points. Dr Rubino. **Semester: 2. Classes: 1** 2-hour seminar per week. **Prerequisite:** One of ITLN 1302, ITLN 1402, ITLN 2202.

**Assessment:** class work, assignments, essay.

A sociolinguistic examination of Italian and its dialects in countries with high Italian migration, using the Italo-Australian context as a model.

*Textbooks*

Texts available from department.

**ITLN 3759 Filming Fiction: The Italian Experience**

4 credit points. Dr Bartoloni. **Semester: 1. Classes: 1** lecture and 1 tutorial per week. **Prerequisite:** One of ITLN 1102, ITLN 1202, ITLN 1302, ITLN 1402. **Assessment:** class work, essay.

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.

*Textbooks*

Buzzati, *Il deserto dei Tartari* (Mondadori)

Moravia, *H conformista* (Bompiani)

Tomasi di Lampedusa, *Il Gattopardo* (Feltrinelli).

**ITLN 3761 Sicilian Thrillers**

4 credit points. Dr Mauceri. **Semester: 2. Classes: 1** tutorial and 1 lecture per week. **Prerequisite:** One of ITLN 1302, ITLN 1402, ITLN 2202. **Assessment:** class presentation, essay.

This unit will analyse and discuss detective stories by contemporary Sicilian writers and some film versions of these texts. It aims to come to grips with the Mafia, probably the best known criminal organisation in the world, by studying fictional representations of it in literature and film. The texts will be the basis for a reflection on the historical and social roots of the Mafia and how it permeates Sicilian society.

*Textbooks*

Sciascia, *Il giorno della civetta* (Adelphi)

Cutrufelli, *Canto al deserto* (Tea)

Giordana, *I cento passi* (Feltrinelli).

**ITLN 4011 Italian Honours A**

12 credit points. Professor Newbigin, Associate Professor Reynolds. **Semester: 1,2. Prerequisite:** Students must have qualified for the award of the Pass degree with a Major in Italian (32 Senior credit points). They will normally have completed an additional 16 credit points, of which 8 must be ITLN 2901 and ITLN 2902 (total 48 credit points). Intending Honours students should attain a Credit average result in Italian units of study taken at Senior level in their Major. **Assessment:** Class work, assignments, essays.

*NB: Permission required for enrolment.*

The Italian IV Honours program consists of six semester-length units of study, chosen in consultation with the coordinators, and an extended essay. The extended essay, 10,000-12,000 words in length, is on a topic chosen in consultation with the coordinators and a designated supervisor. Students meet regularly with their designated supervisor. The submission date for the extended essay is 5 October 2001.

Italian IV students are required to attend the Department Research Seminar. In second semester, Italian IV students present a seminar paper on their extended essay topic.

**ITLN 4012 Italian Honours B**

12 credit points. Semester: 1,2.

Refer to ITLN 4011

**ITLN 4013 Italian Honours C**

12 credit points. Semester: 1,2.

Refer to ITLN 4011

**ITLN 4014 Italian Honours D**

12 credit points. Semester: 1,2.

Refer to ITLN 4011

## ■ JCTC

**JCTC 1001 Palestine: Roman Rule to Islam**

6 credit points. Dr Rutland. Semester: 1. Classes: One 2 hour lecture, one 2-hr tutorial per week. Assessment: One 2 hour exam 40%, one essay 30%, one 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 (2 hours 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.

#### Textbooks

Ben-Sasson, H.H. ed. *A History of the Jewish People*, Cambridge: 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, 1991.

Holtz, B. ed., *Back to the Sources: Reading the Classical Jewish Texts*, N. Y., Touchstone, 1992.

#### JCTC 1002 Jewish Settlement Outside Palestine

6 credit points. Dr Rutland. Semester: 2. Classes: One 2 hour lecture, one 2-hr tutorial per week. Prerequisite: JCTC 1001. Assessment: One 2-hour exam 40%, one essay 30%, 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, also 2 hours 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.

#### JCTC 2003 Jews Under the Crescent and the Cross

8 credit points. Dr Rutland. Semester: 1. Classes: 3 hours of lectures, 1 tutorial per week. Prerequisite: JCTC 1002 or relevant units in Medieval Studies or History. Assessment: One 2-hour exam 40%, one essay 30%, tutorial paper 20%, class participation 10%.

The story of Jews living under the Crescent, Muslim rule, and the Cross, Christian rule, comprises a vibrant period of Jewish history. Was there really a Golden Age for Jews in Spain? How positive was their experience under Muslim rule and later under the Christians? Was there a symbiosis of Jewish life of Spain? The course will also explore the experiences of Jews under Christian rule in Germany, France and England in the Medieval period. Issues of Christian antisemitism, including the satanic image of Jews which developed in this period, Catholic anti-Jewish decrees, expulsions and the Crusades, will be explored. This is a seminal period in the development of Jewish thought, with the contribution of great commentators and philosophers. Students will undertake an in depth study of Maimonides' 13 Principles of Faith and writings on Ethics.

#### Textbooks

Marcus, J.R., *The Jew in the Medieval World*

#### JCTC 2004 From Expulsion to Regeneration

8 credit points. Dr Rutland. Semester: 2. Classes: 3 hours of lectures, 1 tutorial per week. Prerequisite: JCTC 1002 or relevant units of study in Medieval Studies or History. Assessment: One 2-hour exam 40%, one essay 30%, tutorial paper 20%, class participation 10%.

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. Polish Jewry developed distinctive features through periods of acceptance and turbulence. The responses to that turbulence included False Messiahs, Jewish mysticism and the beginnings of Hassidism. Concluding with the dawn of the emancipation, and the reestablishment of Jewish communities in the Netherlands and England, students will gain an insight into the lifting of medieval restrictions against the Jews. Explore the development of Jewish languages, such as Ladino and Yiddish, the writings of Jewish mystic, Issac Luria and the philosophy of Spinoza. Gain a greater understanding of ethical issues including regard for human life, social justice, attitudes to women and charity.

#### Textbooks

Zborowski, Mark, & Herzog, Elizabeth, *Life is with People: The Culture of the Shtetl*

#### JCTC 2005 From Emancipation to the Holocaust

8 credit points. Dr Rutland. Semester: 1. Classes: 3 hours of lectures, 1 tutorial per week. Prerequisite: JCTC 1002 or relevant units of study in History. Assessment: One 3-hour exam 40%, one essay 30%, tutorial paper 20%, class participation 10%.

This course surveys the beginning of religious change and controversy from the period of enlightenment and emancipation. The ending of medieval and Jewish restrictions led to a period of optimism of full acceptance of Jews into the broader society during the nineteenth century. Students will then examine the beginnings of modern antisemitism through to the tragedy of the Holocaust, a period of the destruction of European Jewry. This is one of the most significant periods in the development of Jewish civilization when ancient traditions faced the challenges of modernity. Develop an understanding of how both Jewish and non-Jewish society responded to these challenges, and the ways in which Jewish thought and culture changed. The course also aims to develop an understanding of European Jewry's relationship with the majority gentile society during this period of ferment and change and why the end result was the tragedy of the Holocaust. The course includes two options, one dealing with ethical topics and modern German Jewish thinkers and the other dealing with interpretation of historical sources.

#### JCTC 2006 The Holocaust: History and Aftermath

8 credit points. Dr Rutland. Semester: 2. Classes: 3 hours lectures, 1 tutorial per week. Prerequisite: JCTC 1002 or relevant units of study in Medieval Studies or History. Assessment: One 2-Hour exam 40%, one essay 30%, tutorial paper 20%, class participation 10%.

Over 50 years after the end of World War II the issues relating to the Holocaust (Shoah) are constantly being re-examined in all facets of the media-books, films, TV, radio and CD Roms. This course provides an in-depth study of one of the seminal and most traumatic events of the 20th century. Explore the motivation behind the process of mass destruction of European Jewry and the reaction of the allies and countries of the free world. Deal with the ongoing saga of Holocaust denial as well as the present day war crimes trials and Holocaust remembrance. This course and its message retains its relevance today as can be seen in the tragedies of Kosovo and East Timor. The Holocaust is an area of great historical debate. Take this opportunity to cover concerns in current historiography by studying 'The Holocaust and its Aftermath'.

#### JCTC 2007 Israel in the Modern Middle East

8 credit points. Dr Rutland. Semester: 1. Classes: 3 hours of lectures, 1 tutorial per week. Prerequisite: JCTC 1002 or relevant units of study in History or Government. Assessment: One 2 hour exam 40%, one essay 30%, one tutorial paper 20%, class participation 10%.

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 major domestic and foreign policy decisions taken by Israeli leaders in connection with the Middle East and beyond. Topics to be studied include: the beginnings of Zionist immigration to Palestine to the formation of the state of Israel; domestic concerns, foreign policy issues resulting from the 1948 to 1973 wars, and the present peace process from 1973 to the present; and Israel's relations with the superpowers. These themes will be explored through a study of modern Israeli literature.

#### JCTC 4011 Judaic Studies Honours A

12 credit points. Dr S. Rutland. Semester: 1,2. Classes: Four 2-hour sessions per week. Prerequisite: Consult Department for details. Assessment: Assignment work for each course +15,000 word thesis. NB: Permission required for enrolment.

In addition to the compulsory core unit of study, Jewish Civilisation: Methodology and Tools, students will choose two F7 Honours options, each of which will involve two hours a week of classes per semester. The options are: Classical Period: Literature of the Biblical Period, Jewish Sages and their Institutions, Jewish writings of the Second Temple period, Socio-religious developments in the first to third centuries; Modern Period: Yiddish Literature in translation, Yiddish Popular Culture, The Australian Jewish experience, The Evolution of Judaism in the New World, Contemporary responses to the Holocaust, The Holocaust: A context of Health. 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 also must be in their area of speciality.

Each student in IV Honours will write a thesis of a minimum of 15,000 words on a subject related to their designated area. The

topic will be chosen in consultation with the Department's staff and individual guidance will be provided.

### JCTC 4012 Judaic Studies Honours B

12 credit points. Semester: 1,2.

Refer to JCTC 4011.

### JCTC 4013 Judaic Studies Honours C

12 credit points. Semester: 1,2.

Refer to JCTC 4011.

### JCTC 4014 Judaic Studies Honours D

12 credit points. Semester: 1,2.

Refer to JCTC 4011.

## ■ JPNS

### JPNS 1111 Japanese Communication Introductory 1

6 credit points. Semester: 1. Classes: 4 hr/wk. Prohibition: JPNS 1211, JPNS 1311, HSC Japanese Extension, Japanese Continuers, Japanese Beginners 65% or above. Assessment: Continuous class assessment and semester exam.

*NB: Permission required for enrolment.*

This beginners unit of study introduces basic communication skills in understanding and speaking Japanese. Students will also learn to write the two Japanese syllabaries and approximately 100 kanji characters. Students are urged to take ASNS 1001 Modern Asian History and Culture 1.

#### *Textbooks*

To be advised in the orientation period.

### JPNS 1113 Introductory Japanese 5

6 credit points. Semester: 1. Classes: 4 hr/wk. Prerequisite: Japanese Extension or Japanese Continuers 70% or above (or equivalent determined by the department). Prohibition: JPNS 1111, JPNS 1114, JPNS 1311, JPNS 1031. Assessment: Continuous class assessment and semester exam.

Students will begin with revision and extension of the basic communication skills: speaking, listening, reading and writing. They will gradually develop the ability to express their own opinion about social and cultural topics. Students will also read elementary authentic Japanese texts in a wide range of writing styles and on various topics. Through reading the texts, they will learn to use dictionaries and other reference sources and develop their skill to learn Japanese independently.

Students will be able to write about 250 kanji and recognise about 500 kanji.

### JPNS 1114 Introductory Japanese 3

6 credit points. Semester: 1. Classes: 4 hr/wk. Prerequisite: Japanese Beginners: 65% or above, or Japanese Continuers: below 70%. Prohibition: JPNS 1111, JPNS 1113, JPNS 1211, JPNS 1021. Assessment: Continuous assessment, including class quizzes, tests and written assignments, and a semester exam.

This unit of study 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 keep up a conversation for a short time in a dialogue, to write a well-structured short passage without the assistance of dictionaries, to read fairly long narrative texts, and to recognise the difference between written and spoken modes of communication in Japanese.

### JPNS 1121 Introductory Japanese 2

6 credit points. Semester: 2. Classes: 4 hr/wk. Prerequisite: JPNS 1111. Prohibition: JPNS 1124, JPNS 1123, JPNS 1112, JPNS 1012. Assessment: Continuous class assessment, including assessment of group work, and semester exam.

This unit of study 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 100, and to recognise more than 200 kanji characters in context.

### JPNS 1123 Introductory Japanese 6

6 credit points. Semester: 2. Classes: 4 hr/wk. Prerequisite: JPNS 1113. Prohibition: JPNS 1121, JPNS 1124, JPNS 1312, JPNS 1032. Assessment: Continuous class assessment and semester examination. Students will develop the ability to discuss and present their views on social and cultural topics based on a limited range of research. They will continue to read elementary authentic Japanese texts but with an emphasis on deep comprehension and appreciation of a variety of styles. Students will increase their ability for independent learning skills through reading texts,

listening tapes, planning an interview project, and delivering a speech.

They will be able to write about 350 kanji and recognise about 900 kanji.

### JPNS 1124 Introductory Japanese 4

6 credit points. Semester: 2. Classes: 4 hr/wk. Prerequisite: JPNS 1114. Prohibition: JPNS 1121, JPNS 1123, JPNS 1212, JPNS 1022. Assessment: Continuous class assessment, including class quizzes and tests, and a semester exam.

This unit of study 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 short stories.

### JPNS 2201 Japanese Communication Intermediate 3

4 credit points. Semester: 1. Classes: 2 hr/wk. Prerequisite: JPNS 1212 or JPNS 2112. Assessment: Continuous class assessment, class test and semester exam.

This unit of study aims to develop students' speaking and listening skills needed for intermediate level Japanese. The objective is to be able to communicate with Japanese people in a variety of situations. By the end of the semester, students will be expected to achieve the following linguistic skills: switch to the appropriate speech style used in formal and informal situations; express opinions and thoughts; and read and write about 350 kanji. Writing and reading practice will consolidate grammatical, lexical and cultural knowledge.

#### *Textbooks*

Akira Miura & Naomi Hanaoka McGloin 'An Integrated Approach to Intermediate Japanese' (The Japan Times)

### JPNS 2202 Japanese Communication Intermediate 4

4 credit points. Semester: 2. Classes: 2 hr/wk. Prerequisite: JPNS 2201. Assessment: Continuous class assessment and semester exam.

This unit of study aims to consolidate and extend linguistic skills such as how to keep a conversation going, change from one topic to another, take one's turn and express opinions and thoughts. It should be noted that although oral practice is the main activity in oral sessions, writing and reading practice will also be given so that you can consolidate grammatical, lexical and cultural knowledge. You will be able to read and write 500 kanji by the end of the semester. The above aims will be achieved by exploring various topics related to contemporary Japan.

#### *Textbooks*

Akira Miura & Naomi Hanaoka McGloin 'An Integrated Approach to Intermediate Japanese' (The Japan Times)

### JPNS 2212 Intermediate Japanese 1

8 credit points. Semester: 1. Classes: 4 hr/wk. Prerequisite: JPNS 1112 or JPNS 1012. Assessment: Continuous assessment, including class quizzes, tests and written assignments, and a semester exam.

This unit of study 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 keep up a conversation for a short time in a dialogue, to write a well-structured short passage without the assistance of dictionaries, to read fairly long narrative texts, and to recognise the difference between written and spoken modes of communication in Japanese.

### JPNS 2222 Intermediate Japanese 2

8 credit points. Semester: 2. Classes: 4 hr/wk. Prerequisite: JPNS 2212. Assessment: Continuous assessment, including class quizzes, tests and written assignments, and a semester exam equivalent to 6000 words.

This unit of study 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 short stories.

### JPNS 2301 Japanese Communication Intermediate 5

4 credit points. Semester: 1. Classes: 2 hr/wk. Prerequisite: JPNS 1312 or JPNS 2202. Assessment: Continuous assessment, essay and semester exam.

Classes will involve a range of learning strategies to improve students' communication skills. These will include discussion, debates, interviews, short surveys, composition and short translation exercises.

*Textbooks*

To be advised in class

**JPNS 2302 Japanese Communication intermediate 6**  
4 credit points. Semester: 2. Classes: 2 hr/wk. Prerequisite: JPNS 2301. Assessment: Continuous assessment, essay and semester exam. Classes will involve a range of learning strategies to consolidate and extend students' communication skills. These will include discussion, debates, interviews, short surveys, composition and short translation exercises.

*Textbooks*

To be advised in class

**JPNS 2308 Readings in Japanese Linguistics**  
8 credit points. Prof H. Clarke. **Semester: 1. Classes: 3hr/wk.**  
**Prerequisite:** JPNS 1032 or JPNS 2202. **Prohibition:** JPNS 2309.  
Assessment: Continuous class assessment, essay and semester exam. Reading of selected Japanese articles on a variety of topics in linguistics, examination of typological characteristics of the Japanese language and the interaction between language and society/culture. Native speakers of Japanese may enrol in this subject.

*Textbooks*

To be advised in class.

**JPNS 2314 Introduction to Japanese Society**  
8 credit points. Ms Ishii. **Semester: 2. Classes: 3hr/wk. Prerequisite:** JPNS 1032 or JPNS 2202. **Prohibition:** JPNS 2315. **Assessment:** Continuous class assessment, class presentation, essay and semester exam.

This unit of study is designed to expose students to a range of social and cultural issues facing present day Japan by using selected texts and undertaking limited research. Students develop rapid reading skills and learn how to summarise the content of the texts.

*Textbooks*

To be advised in class.

**JPNS 2381 In-Country Study - Japan 1**  
8 credit points. **Semester: 1. Prerequisite:** JPNS 1012 or JPNS 1022 or JPNS 1032. **Assessment:** Continuous class assessment, semester examination.

*NB: Permission required for enrolment.*

Students should consult the Chair of Department before enrolling in this unit

**JPNS 2382 In-Country Study - Japan 2**  
8 credit points. **Semester: 2. Prerequisite:** JPNS 2011 or JPNS 2201 or JPNS 2301 or JPNS 2381. **Assessment:** Assessment will be based on continuous assessment and an essay.

*NB: Permission required for enrolment.*

Approved Course in a tertiary level institution in Japan.

**JPNS 2901 Japanese Special Entry 1**  
4 credit points. **Semester: 1. Classes: Seminar 2 hr/wk. Prerequisite:** Credit results in JPNS 1012 and JPNS 1112, or JPNS 1022 and JPNS 1212, or JPNS 1032 and JPNS 1312. **Corequisite:** JPNS 2201 or JPNS 2212 or JPNS 2301. **Prohibition:** JPNS 2191, JPNS 2391, JPNS 3191. **Assessment:** Continuous assessment, 2000 word essay and oral presentation.

This unit aims to introduce students to some fundamental concepts in one of the following areas of Japanese studies: linguistics, history and contemporary society, or literature. Students will have opportunities to conduct limited research using Japanese language materials appropriate to their level of Japanese language proficiency. Emphasis will be on development of critical analytical thinking and essay writing skills.

**JPNS 2902 Japanese Special Entry 2**  
4 credit points. Semester: 2. Classes: Seminar 2 hr/wk. Prerequisite: JPNS 2901. Corequisite: JPNS 2202 or JPNS 2222 or JPNS 2302. Prohibition: JPNS 2192, JPNS 2391, JPNS 3192. Assessment: Continuous assessment, 2000 word essay and oral presentation. This unit aims to introduce students to some fundamental concepts in one of the following areas of Japanese studies: linguistics, history and contemporary society, or literature. Students will have opportunities to conduct limited research using Japanese language materials appropriate to their level of Japanese language proficiency. Emphasis will be on development of critical analytical thinking and essay writing skills in an area of Japanese Studies different from that introduced in JPNS 2901.

**JPNS 3106 Introduction: Japanese Society & Culture**  
8 credit points. Ms Yasumoto. **Semester: 1. Classes: 3hr/wk.**

**Prerequisite:** JPNS 1022 or JPNS 2012, JPNS 1212 or JPNS 2112. **Prohibition:** JPNS 3107. **Assessment:** Continuous class assessment, essay and semester exam.

This unit of study aims to help students understand and broaden their knowledge of various aspects of Japanese society and culture through reading and discussions. The unit also provides students with opportunities to pursue individual interests and develop analytical and thinking skills. Students are expected to do research in the library or access information on the Internet about the topic which will be covered in class each week.

*Textbooks*

To be advised during orientation period

Additional articles from newspapers and journals

**JPNS 3114 Readings in Japanese Sociolinguistics**  
8 credit points. Dr Jarkey. **Semester: 2. Classes: 3 hr/wk. Prerequisite:** JPNS 1022 or JPNS 2012. **Prohibition:** JPNS 3115. **Assessment:** Continuous class assessment, essay and semester exam.

This unit of study, which combines lectures and discussions in English with the reading of articles in Japanese, examines some aspects of the way in which language is used in modern Japanese society. Topics covered will include: language, gender and status; terms of reference and terms of address; the sociolinguistic aspects of deixis; and honorifics and polite language.

*Textbooks*

To be advised in class.

**JPNS 3116 Contemporary Japanese Literature**  
8 credit points. Dr Claremont. Semester: 1. Classes: 3 hr/week. Prerequisite: JPNS 1022 or JPNS 2012, JPNS 1212 or JPNS 2112. Prohibition: JPNS 3117. Assessment: Essay and semester exam. Selected works of a major contemporary novelist will be studied in class. Students are expected to read other works by the same author in English translation outside class.

*Textbooks*

To be advised in class.

**JPNS 3301 Japanese Communication Advanced 1**  
4 credit points. **Semester: 1. Classes: 2 hr/wk. Prerequisite:** JPNS 2302. **Assessment:** Continuous class assessment, essay and semester exam.

This unit aims at the further development of communication skills beyond the intermediate level. The goals of the unit include: aural comprehension of language on various topics from Japanese culture, society and current affairs; understanding of unfamiliar texts of a nonspecialist nature; the ability to summarise and critically evaluate information; and expression of opinion based on a wide range of research. Students are required to be able to write at least 450 kanji and recognise about 1500 kanji.

*Textbooks*

To be advised in class.

**JPNS 3302 Japanese Communication Advanced 2**  
4 credit points. **Semester: 2. Classes: 2 hr/wk. Prerequisite:** JPNS 3301. **Assessment:** Continuous class assessment, essay and semester exam.

This unit aims at the further development of advanced communication skills. Students are required to be able to write at least 500 kanji and recognise about 2000 kanji.

*Textbooks*

To be advised in class.

**JPNS 3314 Readings in Japanese Society**  
8 credit points. Dr Shao. **Semester: 1. Classes: 3hr/wk. Prerequisite:** JPNS 2302. **Assessment:** Continuous class assessment, essay and semester examination.

The unit of study aims to increase students' ability to read quickly with good comprehension whilst giving them greater understanding of Japanese society and culture. Assigned reading materials will be reviewed and discussed in class under the lecturer's guidance.

*Textbooks*

To be advised in class

**JPNS 3901 Japanese Special Entry 3**  
4 credit points. **Semester: 1. Classes: Seminar 2 hr/wk. Prerequisite:** Credit results in JPNS 2191 and JPNS 2192, or JPNS 2391 and JPNS 2392. **Corequisite:** JPNS 2201 or JPNS 2301 or JPNS 3301. **Prohibition:** JPNS 3391. **Assessment:** Continuous assessment, 200 word essay and oral presentation.

This unit aims to introduce students to the formulation and writing of research projects in Japanese studies. Students will learn how to conduct a literature review in an area of their

interest. In addition to background reading in English, students will be required to conduct research in Japanese language materials appropriate to their level of Japanese language proficiency. Emphasis will be on improving analytical thinking skills and critical scholarly writing.

#### JPNS 3902 Japanese Special Entry 4

4 credit points. Semester: 2. Classes: Seminar 2 hr/wk. Prerequisite: JPNS 3901. Corequisite: JPNS 2202 or JPNS 2302 or JPNS 3302. Prohibition: JPNS 3392. Assessment: Continuous assessment, oral presentation, 2000 word research project.

This unit is intended to train students to select and evaluate an area of research in Japanese studies and to prepare research proposals for their Honours IV theses. In particular, students will learn how to evaluate secondary sources in their chosen research area and choose a theoretical model appropriate to their proposed research project.

#### JPNS 4011 Japanese Honours A

12 credit points. Semester: 1,2. Prerequisite: Credit result in JPNS 3191 and JPNS 3192 or JPNS 3391 and JPNS 3392. Assessment: Written assignment and exam.

*NB: Permission required for enrolment.*

Coursework in one of the following areas: Japanese linguistics, thought, history, art history or literature.

#### JPNS 4012 Japanese Honours B

12 credit points. Semester: 1,2. Assessment: Written assignment and exam.

Coursework in one of the following areas: Japanese linguistics, drought, history, art history or literature.

#### JPNS 4013 Japanese Honours C

12 credit points. Semester: 1,2. Assessment: Written assignment and exam.

Coursework in one of the following areas: Japanese linguistics, drought, history, art history and literature.

#### JPNS 4014 Japanese Honours D

12 credit points. Semester: 1,2. Assessment: Thesis (15000-20000 words).

Students will be required to write a 15000-20000 word thesis on an approved Japanese topic.

## ■ KRNS

#### KRNS 1101 Korean Introductory Level 1

6 credit points. Dr Kwak. Semester: 1. Classes: 5hr/wk (4hr/wk language & 1 hr/wk lectures on history and culture). Prohibition: KRNS 1301. Assessment: Continuous class assessment, semester exam, 1500w essay on history and culture.

*NB: Permission required for enrolment.*

This unit of study is a comprehensive beginners' course which will lay the foundation for acquiring oral, aural, reading and writing skills in Korean. The primary emphasis is on the spoken language in terms of communicative function. The secondary emphasis is on reading and writing skills within the bounds of basic grammatical structures.

Conversation: Students will acquire oral communication skills based on the given topics of conversation. Approximately one topic will be covered each week. Various communicative approaches will be employed for the weekly class activities. Students are required to give small group oral presentations during the semester.

Reading and writing: The reading of simple Korean texts will be introduced from the fifth week of the semester. In addition to the set textbook, extra reading materials will be distributed in class. On the basis of grammatical structures introduced, students develop practical written communication skills. Exercises include the writing of memos, letters, and the description of objects and simple events.

Lectures on Korean history and culture (1 hr/wk): A series of lectures on Korean civilisation from ancient to recent times. The lectures will provide an overview of political, social and cultural history of Korea, which will provide a foundation for advanced work in senior units of Korean studies.

#### KRNS 1102 Korean Introductory Level 2

6 credit points. Dr Kwak. Semester: 2. Classes: 5hr/wk (4hr/wk language & 1 hr/wk lectures on Korean history and culture). Prerequisite: KRNS 1101. Prohibition: KRNS 1302. Assessment: Continuous class assessment, semester exam, 1500w essay on Korean history and culture.

*NB: Permission required for enrolment.*

Refer to KRNS 1101

#### KRNS 1301 Korean Introductory Level 5

6 credit points. Dr Park. Semester: 1. Classes: 3hr/wk (2hr readings in literature & 1 hr lecture on history and culture). Prerequisite: HSC Korean for Background Speakers (or equivalent determined by the section) at a satisfactory standard. Prohibition: KRNS 1101. Assessment: Continuous class assessment, semester exam, 1500w essay on Korean history and culture.

*NB: Permission required for enrolment.*

Readings in Korean literature (2 hr/wk): Intensive and analytical readings of selected modern Korean poems and short stories.

Lectures on Korean history and culture (1hr/wk): A series of lectures on Korean civilisation from ancient to recent times. The lectures will provide an overview of political, social and cultural history of Korea, which will provide a foundation for advanced work in senior units of Korean studies.

#### KRNS 1302 Korean Introductory Level 6

6 credit points. Dr Park. Semester: 2. Classes: 3hr/wk (2hr readings in literature & 1 hr lecture on history and culture). Prerequisite: KRNS 1301. Prohibition: KRNS 1102. Assessment: Continuous class assessment, semester exam, 1500w essay on Korean history and culture.

*NB: Permission required for enrolment.*

Refer to KRNS 1301.

#### KRNS 2111 Intermediate Korean level 1

4 credit points. Dr Kwak. Semester: 1. Classes: 3 hr/wk. Prerequisite: KRNS 1102. Prohibition: KRNS 2101. Assessment: Continuous class assessment and semester 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.

#### KRNS 2112 Intermediate Korean level 2

4 credit points. Dr Kwak. Semester: 2. Classes: 3hr/wk. Prerequisite: KRNS 2111. Prohibition: KRNS 2102. Assessment: Continuous class assessment and semester exam.

Refer to KRNS 2111

#### KRNS 2311 Korean Intermediate Level 5

4 credit points. Dr Park. Semester: 1. Classes: 2hr/wk. Prerequisite: KRNS 1302. Assessment: Continuous class assessment and semester exam.

Readings in Korean literature. Intensive and analytical reading of selected works in premodern and modern Korean literature.

#### KRNS 2312 Korean Intermediate Level 6

4 credit points. Dr Park. Semester: 2. Classes: 2hr/wk. Prerequisite: KRNS 2311. Assessment: Continuous class assessment and semester exam.

Refer to KRNS 2311

#### KRNS 2317 Introduction to Korean Phonology

8 credit points. Dr Park. Semester: 1. Classes: 3hr/wk (2hr lec & 1 hr seminar). Prerequisite: 12 Junior credit points of KRNS or LNGS.

Prohibition: KRNS 2318. Assessment: Weekly assignments, semester exam.

This unit of study is to introduce the sound system of the Korean language - Korean phonology. Some linguistics background is recommended, although it is not necessary. In addition to the two-hour lecture, there will be one-hour seminar in which further detailed issues are discussed in depth. From the fifth week, there will be one or two weekly problem solving assignments.

#### KRNS 2318 Introduction to Korean Phonology - K

4 credit points. Dr Park. Semester: 1. Classes: 2hr/wk. Prerequisite: 12 Junior credit points of KRNS or LNGS. Prohibition: KRNS 2317.

Assessment: Weekly assignments and semester exam. This unit of study is to introduce the sound system of the Korean language - Korean phonology. Some linguistics background is recommended, although it is not necessary. From the fifth week, there will be one or two weekly problem solving assignments.

#### KRNS 2381 In-Country Study - Korea 1

8 credit points. Dr Park. Semester: 1. Classes: 3hr/wk. Prerequisite: KRNS 1102 or KRNS 1302.

*NB: Permission required for enrolment.*

Students should consult the Chair of Department before enrolling in this unit.

#### KRNS 2382 In-Country Study - Korea 2

8 credit points. Dr Park. Semester: 2. Classes: 3hr/wk. Prerequisite: KRNS 2102 or KRNS 2312 or KRNS 2381.

*NB: Permission required for enrolment.*



Students should consult the Chair of Department before enrolling in this unit.

### **KRNS 2501 Traditional Korea - K**

4 credit points. Dr Park. Semester: 1. Classes: 2hr/wk. Prerequisite: 12 Junior credit points of KRNS. Prohibition: ASNS 2501. Assessment: Quizzes, 1500w essay and semester exam.

This unit of study aims at providing an overview of Korea's historical experience in political, social, cultural and economic fields from the earliest times to the seventeenth century. Among the specific topics to be discussed are prehistory, myths and legends of early Korea, state formation, political and social institutions of various Korean kingdoms, and religious beliefs and cultural traditions in early and medieval history.

### **KRNS 2502 Modern Korea - K**

4 credit points. Dr Park. Semester: 2. Classes: 2hr/wk. Prerequisite: 12 Junior credit points of KRNS. Prohibition: ASNS 2502. Assessment: Quizzes, 1500w essay and semester exam.

This unit of study aims at introducing students to the political, social, cultural and economic history of Korea from the late Choson dynasty to 1945. The topics include the contradictions of the late Choson dynasty society, the opening of Korea to the Western powers and Japan, the reforms and rebellions, the loss of independence and the Japanese colonial rule, Korea's fight for freedom and the liberation and division of the country in 1945.

### **KRNS 2510 Korean Culture and Society - K**

4 credit points. Dr Kwak. Semester: 2. Classes: 2hr/wk. Prerequisite: 12 Junior credit points of KRNS. Assessment: 1500w essay and semester exam.

This unit of study aims to provide students with a better understanding of contemporary Korean society by looking at various aspects of Korean culture and its application to contemporary society. This unit deals with culture in broad terms, incorporating both non-material and material culture. Major topics include traditional values and thoughts, foreign influence on Korean culture and society, lifecycle (daily life and leisure, education, business culture, etc.), women in Korea, media culture and Korean society in Australia.

### **KRNS 2511 Mass Media in Korea - K**

4 credit points. Dr Kwak. Semester: 1. Classes: 2hr/wk. Prerequisite: 12 Junior credit points of KRNS. Prohibition: ASNS 2511. Assessment: 1500w essay and semester exam.

This unit of study introduces students to the media industry, processes, policies and practices in South Korea by examining the historical development and operational practice of mass media in Korea. In addressing the topics, the main features of Korean media are discussed and compared with those in other Asian countries and Western countries - eg, the US A, the UK and Australia. It also looks at Korean media within the context of regionalisation and internationalisation, which emerged with the introduction of new communication technologies. The major topics include the development of mass media and foreign influence, social and cultural role of the media, state control over media and its relationship with the media, and new media technology and its impact on current media structure and on the Korean society. This unit does not assume prior knowledge on media studies, although it would be an advantage.

### **KRNS 2515 Issues in Korean Language**

8 credit points. Dr Park. Semester: 1. Classes: 3hr/wk (2hr lec & 1hr seminar). Prerequisite: 12 junior credit points in KRNS or LNGS. Assessment: Class presentation of a project and its 3000w report, semester exam.

This unit provides a detailed survey of issues related to the Korean language in relation to its social and historical background. The topics include its romanisation systems, historical development, writing systems, dialects and slang expressions, language use in media, language use and gender, and Korean as a foreign language. In addition to a semester-final examination, students are required to conduct an individual or a group project to tackle some of the residual problems that have arisen from the class discussion or reading. Students are required to present the result of their project in the class and to submit a written report in 3000 words.

### **KRNS 2900 Topics in Korean Studies**

4 credit points. Semester: 2. Classes: 2hr/wk. Prerequisite: Credits in all the first year and the second year first semester KRNS units. Corequisite: KRNS 2112 or KRNS 2312. Prohibition: KRNS 2191, 2192, 2391, or 2392. Assessment: Continuous class assessment, 3000w paper.

This subject is for students who want to pursue an Honours degree in Korean Studies. Students will learn various approaches for conducting research, and specific research methodologies are discussed. Students will have an opportunity to conduct a pilot study on a chosen topic.

### **KRNS 3111 Korean Advanced Level 1**

4 credit points. Dr Park. Semester: 1. Classes: 3hr/wk. Prerequisite: KRNS 2112. Assessment: Continuous class assessment and semester exam.

Conversation: Students will concentrate on fluency in oral communication with particular emphasis on developing the more formal aspects of Korean speech.

Composition: Beginning with translation from English to Korean, students proceed to free composition in Korean.

Reading: Beginning with structured texts from the textbook, students proceed to selected authentic reading materials.

### **KRNS 3112 Korean Advanced Level 2**

4 credit points. Dr Park. Semester: 2. Classes: 3hr/wk. Prerequisite: KRNS 3111. Assessment: Continuous class assessment and semester exam.

Refer to KRNS 3111

### **KRNS 3311 Korean Advanced Level 5**

4 credit points. Dr Park. Semester: 1. Classes: 2 hr/wk. Prerequisite: KRNS 2312. Assessment: Weekly assignments and semester exam.

Translation and interpretation: This unit of study deals with practical issues related to professional translation and interpretation from English to Korean and vice versa. For the first 3-4 weeks some relevant issues such as code of ethics and theoretical basics in translation and interpretation will be discussed. From week 4 there will be weekly assignments of translation.

### **KRNS 3312 Korean Advanced Level 6**

4 credit points. Dr Park. Semester: 2. Classes: 2hr/wk. Prerequisite: KRNS 3311. Assessment: Continuous class assessment and semester exam.

Refer to KRNS 3311.

### **KRNS 3901 Preparation for Honours Thesis 1**

4 credit points. Semester: 1. Classes: 2hr/wk. Prerequisite: Credits in the second year KRNS units including KRNS 2900. Corequisite: KRNS 3111 or KRNS 3311. Prohibition: KRNS 3191 or KRNS 3391.

Assessment: Continuous class assessment, a presentation and a 3000w research paper.

This unit is for students who pursue an Honours degree in Korean Studies. As a research-focus unit, the unit deals with the major issues in doing research in Korean Studies. Students will produce a research paper on an approved topic in Korean Studies. The issues on methodology, logic and argument arisen from the work of each student will be discussed.

### **KRNS 3902 Preparation for Honours Thesis 2**

4 credit points. Semester: 2. Classes: 2hr/wk. Prerequisite: Credits in all KRNS units taken by the first semester of the third year including KRNS 3901. Corequisite: KRNS 3112 or KRNS 3312. Prohibition: KRNS 3192 or KRNS 3392. Assessment: Credits in all KRNS units taken by the first semester of the third year including KRNS 3901.

This unit is for students who pursue an Honours degree in Korean Studies. Students will produce a research proposal on an approved topic in Korean Studies. Students are expected to attend either the Department/School seminar or special seminar convened by the unit of the study coordinator

### **KRNS 4011 Korean Honours A**

12 credit points. Semester: 1,2. Classes: 2hr/wk seminar. Prerequisite: Credits in all senior KRNS units including KRNS 3901 and KRNS 3902. Assessment: Will be based on seminar coursework.

*NB: Permission required for enrolment.*

Honours IV students are required to complete all four components KRNS 4011, KRNS 4012, KRNS 4013, and KRNS 4014. These components comprise coursework from a pool of postgraduate coursework offerings of the following areas plus a 15000-20000 word thesis on an approved topic:

1. Korean language and linguistics: Centred around reading material on Korean language and linguistics. The major topics include Korean phonology, morphology, syntax, sociolinguistics, and language teaching and learning.
2. Korean history and thought: Focused on conceptual and methodological issues in Korean history, religions, thought, or value systems, examining both Korean and Western literatures in the field(s).
3. Korean media and communication: Cultural, social and political aspects of mass media and communication in Korea.

The major topics include media/communication industry, production, content and media/communication policy in Korea.

### KRNS 4012 Korean Honours B

12 credit points. Semester: 1,2. Prerequisite: Credits in all senior KRNS units including KRNS 3901 and KRNS 3902. Assessment: Will be based on seminar coursework.

*NB: Permission required for enrolment.*

Refer to KRNS 4011.

### KRNS 4013 Korean Honours C

12 credit points. Semester: 1,2. Prerequisite: Credits in all senior KRNS units including KRNS 3901 and KRNS 3902. Assessment: Credits in all senior KRNS units including KRNS 3901 and KRNS 3902.

*NB: Permission required for enrolment.*

Refer to KRNS 4011

### KRNS 4014 Korean Honours D

12 credit points. Semester: 1,2. Prerequisite: Credits in all senior KRNS units including KRNS 3901 and KRNS 3902. Assessment: 15000-20000w thesis.

*NB: Permission required for enrolment.*

Students will be required to write a 15000-20000 word thesis on an approved topic in Korean studies.

## ■ LATN

### LATN 1001 Latin 1.1

6 credit points. Dr Watson. Semester: 1. Classes: 4 lec & 1 hr tut/wk. Assessment: one 2hr exam, class work.

Latin 1001 requires no previous knowledge of Latin. The aim of Latin 1001 is to provide students with a foundation for acquiring a basic knowledge of the language. It caters for a wide variety of students, ranging from those who intend subsequently to proceed with Latin, to those who wish to have a background to their studies in other subjects in which a knowledge of Latin is valuable or indispensable - for example ancient history, classical archaeology, English, modern foreign languages, and medieval literature, philosophy and history.

Intending Honours students: Latin1001-1002 students who are thinking of taking Honours in Latin should consult the Department during the year.

#### *Textbooks*

Study materials can be procured from the University Copy Centre. A small or medium-sized Latin dictionary is recommended too (see under Latin Language Study).

### LATN 1002 Latin 1.2

6 credit points. Dr Watson. Semester: 2. Classes: 4 lec & 1hr tut/wk. Prerequisite: LATN 1001. Assessment: one 3hr exam, class work.

Latin 1002 takes further the basic grounding of Latin 1001. It caters for a wide variety of students, ranging from those who intend subsequently to proceed with Latin, to those who wish to have a background to their studies in other subjects in which a knowledge of Latin is valuable or indispensable - for example ancient history, classical archaeology, English, modern foreign languages, and medieval literature, philosophy and history.

Intending Honours students: Latin 1001-1002 students who are thinking of taking Honours in Latin should consult the Department during the year.

#### *Textbooks*

Study materials can be procured from the University Copy Centre. A small or medium-sized Latin dictionary is recommended too (see under Language Study).

### LATN 1101 Advanced Latin 1.1

6 credit points. Ms Muecke. Semester: 1. Classes: 4 classes/wk. Prerequisite: HSC Latin Continuers. Assessment: one 2hr exam, one 2000w essay, classwork.

Works for detailed study (2Tec/wk): Works by two important Latin authors will be studied. Lecturers will deal with aspects of the author's style and language, with the literary and historical background, and with structural problems raised by the work as well as with problems of text and translation. There will also be an evaluation of the author's specific aims, his success in achieving these, and the literary quality of his work.

Authors and texts to be studied will be listed on the Latin Notice Board before the end of teaching in Semester 2 of the previous year.

Reading course (1 class/wk): Close study of Latin texts to develop reading and translation skills.

Language study (1 class/wk): Students will normally take Language Level 3 but may be allocated to Level 2.

### LATN 1102 Advanced Latin 1.2

6 credit points. Ms Muecke. Semester: 2. Classes: 4 classes/wk. Prerequisite: LATN 1101. Assessment: one 2hr exam, one 2000w essay, classwork.

Works for detailed study (2 lec/wk): Works by two important Latin authors will be studied. Lectures will deal with aspects of the author's style and language, with the literary and historical background, and with structural problems raised by the work as well as with problems of text and translation. There will also be an evaluation of the author's specific aims, his success in achieving these, and the literary quality of his work.

Authors and texts to be studied will be listed on the Latin Notice board before the end of teaching in Semester 2 of the previous year.

Reading course (1 class/wk): Close study of Latin texts to develop reading and translation skills.

Language study (1 class/wk): Students will normally take Language Level 2 or 3: see entry under LATN 1101.

### LATN 2003 Latin 2.1

8 credit points. A/Professor Hoyos. Semester: 1. Classes: 4 classes/wk. Prerequisite: LATN 1002. Assessment: two exams -1 hr and 2 hr, one 2000w essay, classwork.

Works for detailed study (Classes 2hr/wk): Students will study one or two Latin authors. Authors and texts to be studied will be listed on the Latin Notice Board before the end of teaching in Semester 2 of the previous year.

Reading course (1 hr/wk): Close study of Latin texts, to develop reading and translation skills.

Language study (1 hr/wk): 2003 students will normally take Language Level 2.

### LATN 2004 Latin 2.2

8 credit points. A/Professor Hoyos. Semester: 2. Classes: 4 classes/wk. Prerequisite: LATN 2003. Assessment: two exams -1 x 1 hr & 1 x 2hr, one 2000w essay, classwork.

Works for detailed study (2hr/wk): Students will study two Latin authors. Authors and texts to be studied will be listed on the Latin Notice Board before the end of teaching in Semester 2 of the previous year.

Reading course (1 hr/wk): Close study of Latin texts, to develop reading and translation skills.

Language study (1 hr/wk): 2004 students will normally take Language Level 2.

### LATN 2103 Advanced Latin 2.1

8 credit points. A/Professor Hoyos. Semester: 1. Classes: 4 classes/wk. Prerequisite: LATN 1102. Assessment: two exams -1 hr and 2 hr, one 2000w essay, classwork.

Lecture-strands will be grouped around a particular period. Periods are specified on the notice-board.

Major works of literature from each period will be studied (2hr/wk), and also the history of the period (1hr/wk). Literary treatment is at a more developed level than in Latin 1101-1102; wider areas of study and reading, moreover, are left to students' initiative. Thus an important era in the literature and history of Rome will be intensively surveyed.

Texts to be studied will be listed on the Latin Notice Board before the end of teaching in Semester 2 of the previous year. Students should acquire a copy of the published literary texts, and at least one of the books in Roman history listed there.

Language Study: Students will normally take Language Level 4, which is a two-year program (1hr/wk).

### LATN 2104 Advanced Latin 2.2

8 credit points. A/Professor Hoyos. Semester: 2. Classes: 4 classes/wk. Prerequisite: LATN 2103. Assessment: two exams, as above, one 2000w essay, classwork.

Lecture-strands will be grouped around a particular period. Periods are specified on the notice-board.

Major works of literature from each period will be studied (2hr/wk), and also the history of the period (1 hr/wk). Literary treatment is at a more developed level than in Latin 1101-1102; wider areas of study and reading, moreover, are left to students' initiative. Thus an important era in the literature and history of Rome will be intensively surveyed.

Texts to be studied will be listed on the Latin Notice Board before the end of teaching in Semester 2 of the previous year. Students should acquire a copy of the published literary texts, and at least one of the books in Roman history listed.

Language Study: Students will normally take Language Level 4, which is a two-year program (1 hr/wk).

**LAIN 2301 Accelerated Latin 2.1**

4 credit points. Dr Watson. Semester: 1. Classes: 3 classes/wk. Prerequisite: 18 Junior credit points including 12 credit points in Archaeology, Classics, Ancient History or Philosophy. Corequisite: 8 Senior credit points in Archaeology, Classics, Ancient History or Philosophy. Prohibition: LATN 1001. Assessment: weekly assignments/tests, 1.5hr exam.

This unit of study is an abbreviated version of Latin 1001 and provides a reading knowledge of Latin prose.

**LATN 2302 Accelerated Latin 2.2**

4 credit points. Dr Watson. Semester: 2. Classes: 3 classes/wk. Prerequisite: LATN 2301. Prohibition: LATN 1002. Assessment: classwork and 2.5 hr examination.

This unit of study is an abbreviated version of Latin 1002 and provides a reading knowledge of Latin prose.

**LATN 2312 Accelerated Latin 2 Additional**

4 credit points. Dr Watson. Semester: 2. Classes: 2 lec/wk & 1 tut (optional). Prerequisite: LATN 2301. Corequisite: LATN 2302. Assessment: assignments, 1hr exam.

This unit of study functions as a 'bridging course' between Latin 2301-2302 and Latin 2003-2004, to enable those who have taken 2301-2302 to study further Latin to a higher level in subsequent years.

**LATN 2901 Special Latin 2.1**

4 credit points. A/Professor Hoyos. Semester: 1. Classes: 2 classes/wk. Prerequisite: LATN 1002 (credit) or LATN 2302 (credit). Corequisite: LATN 2003. Assessment: classwork and examination. Students will study the texts prescribed for LATN 1101 (see that entry)

**LATN 2902 Special Latin 2.2**

4 credit points. A/Professor Hoyos. Semester: 2. Classes: 2 classes/wk. Prerequisite: LATN 2901. Corequisite: LATN 2004. Assessment: classwork and examination.

Students will study the texts prescribed for LATN 1102 (see that entry)

**LATN 2911 Special Advanced Latin 2.1**

4 credit points. A/Professor Hoyos. Semester: 1. Classes: 2 classes/wk. Prerequisite: LATN 1102 (credit). Corequisite: LATN 2103. Assessment: one 2hr exam, classwork.

One Special Topic will be studied. The topic will be posted on the Latin Notice Board.

**LATN 2912 Special Advanced Latin 2.2**

4 credit points. A/Professor Hoyos. Semester: 2. Classes: 2 classes/wk. Prerequisite: LATN 2911. Corequisite: LATN 2104. Assessment: one 2hr exam, classwork.

One Special Topic will be studied. The topic will be posted on the Latin Notice Board.

**LATN 3005 Latin 3.1**

8 credit points. A/Professor Hoyos. Semester: 1. Classes: 4 classes/wk. Prerequisite: LATN 2004 or LATN 2104. Assessment: two exams, 1 hr and 2 hr, one 2000w essay, classwork.

An important era in the literature (2hrs/wk) and history (1hr/wk) of Rome will be intensively surveyed.

Texts to be studied will be listed on the Latin Notice Board before the end of teaching in Semester 2 of the previous year. Students should acquire a copy of the published literary texts, and at least one of the books in Roman history listed there.

Language study: Students enrolling from 2104 will normally take Language Level 4, which is a two-year program. Those enrolling from 2004 will normally take Language Level 3.

**LATN 3006 Latin 3.2**

8 credit points. A/Professor Hoyos. Semester: 2. Classes: 4 classes/wk. Prerequisite: LATN 3005. Assessment: two 2hr exams, one 2000w essay, classwork.

An important era in the literature (2hrs/wk) and history (1hr/wk) of Rome will be intensively surveyed.

Texts to be studied will be listed on the Latin Notice Board before the end of teaching in Semester 2 of the previous year. Students should acquire a copy of the published literary texts, and at least one of the books in Roman history listed there.

Language study: Students who took Language Level 4 in 3005 will continue in Level 4; those who took Level 3 will normally continue in that Level.

**LATN 3903 Special Latin 3.1**

4 credit points. A/Professor Hoyos. Semester: 1. Classes: 2 classes/wk. Prerequisite: LATN 2902 or LATN 2912 (credits). Corequisite: LATN 3005. Assessment: one 2hr exam, classwork.

One Special Topic will be studied. The topic will be posted on the Latin Notice Board.

Students wishing to take this unit of study who have not completed Latin 2911-2912 or 2901-2902 should consult the coordinator.

**LATN 3904 Special Latin 3.2**

4 credit points. A/Professor Hoyos. Semester: 2. Classes: 2 classes/wk. Prerequisite: LATN 3903. Corequisite: LATN 3006. Assessment: one 2hr exam, classwork.

One Special Topic will be studied. The topic will be posted on the Latin Notice Board.

**LATN 4011 Latin Honours A**

12 credit points. Dr L Watson. Semester: 1,2. Classes: 4-5 classes/wk. Prerequisite: LATN 3006 and LATN 3904 (Credit). Assessment: classwork and examinations.

*NB: Permission required for enrolment.*

Literary study (normally 2 hr/wk): a subject in each semester will be arranged after consultation.

Special subject (normally 2hr/wk): a subject in each semester will be arranged after consultation.

Independent reading: texts will be prescribed to widen students' acquaintance with Latin literature and to develop advanced reading skills.

Language study (where applicable): students who have not yet progressed beyond Language Level 3 will take the Level 4 course in both semesters.

Thesis (Semester 2): students will research and present a thesis of 15,000-20,000 words, after choosing a topic in consultation with the Department.

**LATN 4012 Latin Honours B**

12 credit points. Semester: 1,2. Refer to LATN 4011

**LATN 4013 Latin Honours C**

12 credit points. Semester: 1,2. Refer to LATN 4011

**LATN 4014 Latin Honours D**

12 credit points. Semester: 1,2. Refer to LATN 4011

## ■ LNGS

**LNGS 1001 Structure of Language**

6 credit points. Professor W Foley. Semester: 1. Classes: (three 1 hr lectures & one 1 hr tutorial)/wk. Prohibition: May not be taken as well as LNGS 1004 or LNGS 1005. Assessment: One 3hr exam (50%), one 1 hr mid term exam (30%), written assignments (20%).

General aspects of language: the scope of linguistics, areas of research. The nature of human language, the process of communication. The evolution of language; do animals have language? The sounds of speech: how sounds are made, speech organs and their function. Description of vowels and consonants, phonetic notation. Sound contrasts and their linguistic function. Properties of phonological systems. Morphology: types of morphemes, various syntactic functions. Derivational and inflectional morphology. Word formation. Syntax: sentence types and sentence components. Word classes. Constituency analysis. Syntactic derivations. Semantics: the segmentation of reality; the meanings of meaning. Reference and sense. Speech acts and pragmatics.

**LNGS 1002 Language and Social Context**

6 credit points. Dr I Filler. Semester: 2. Classes: (three 1 hr lectures & one 1 hr tutorial)/wk. Assessment: One 3hr exam (50%), one 1 hr mid term exam (30%), written assignments (20%).

This course introduces the study of the interrelationship between language and society- the field known as sociolinguistics. Specifically, it is concerned with phenomena such as language variation, dialects, multilingualism, code-choice, language in conversation and discourse, language attitudes, and language and gender. We will pay attention both to social organisation (from individual via nation to global and virtual relations), as well as linguistic organisation (from sound via sentence structure to conversation and discourse). The course aims include the following:

- Understanding the pivotal role language plays in human social organisation
- Ability to identify key areas in the interaction between language and society
- Knowledge of the core research in the field

- Knowledge about and the ability to apply sociolinguistic research methods
- Understanding of potential applications of sociolinguistic knowledge in a range of fields, including the media, education, the professions, and literature.

### LNGS 1005 Introduction to English Linguistics

6 credit points. Dr J Simpson. **Semester:** 1. **Classes:** (three 1 hr lectures & one 1 hr tutorial)/wk. **Prohibition:** may not be taken as well as LNGS 1001 or LNGS 1004. **Assessment:** one 3hr exam, various written assignments or essays.

This course looks at the structure of English from the point of view of modern structural linguistics and focusses on written and spoken academic English. It will be especially valuable to non-native speakers of English in giving them an overview of how and why English works the way it does. Topics covered include: English phonetics; intonation; word types; count and mass nouns; verb types and sentence structures; auxiliary verbs and tense and mood; voice, topicality and information structure.

### LNGS 2001 Phonetics and Phonology

8 credit points. Dr T Borowsky. **Semester:** 1. **Classes:** (three 1 hr lectures & one 1 hr tutorial)/wk. **Prerequisite:** One of LNGS 1001, LNGS 1004, LNGS 1005 and one of LNGS 1002, LNGS 1003. **Prohibition:** KRNS 2317 or KRNS 2318. **Assessment:** Fortnightly problem sets, mid-term and final exams.

#### *The Sounds of the World's Languages*

Have you ever wondered how to make click sounds such as occur in languages like Xhosa and Zulu, or what particular qualities you need to include in your speech if you want to mimic some accented English? Did you ever wonder about how things like voiceprints or the recorded speech of someone over the phone can be used as evidence in a trial? In this course we study the way we make speech sounds and how they are organised into systems in the languages of the world and you can find things like this out. The course aims to make you understand the kind of phonetic processes that occur in the languages of the world and why they occur. To this end it consists of two parts. In the phonetics section we study the vocal tract, speech production and the phonetic alphabet which includes a cross linguistic survey of all kinds of speech sounds as well as basic acoustic phonetics and spectrogram reading. We consider the phonetic motivation for phonological processes and understand the universal patterns from this point of view. The second part of the course is a problem-based introduction to phonological analysis and argument. You will discover why you can say fan-bloody-tastic but not \*fantas-bloody-tic or \*fa-bloody-ntastic. We learn how phonological systems are structured and what the common patterns of alternation are. Topics covered: phonological alternations; distinctive features; phonological rules and representations and their role in phonological systems; syllable structure and stress systems. Much of the work is done in groups and the assessment is mostly problem solving.

### LNGS 2002 Syntax

8 credit points. Professor W Foley. **Semester:** 2. **Classes:** (three 1 hr lectures & one 1 hr tutorial)/wk. **Prerequisite:** One of LNGS 1001, LNGS 1004, LNGS 1005 and one of LNGS 1002, LNGS 1003. **Assessment:** Written assignments, class.

Syntax is the component of language that deals with how we combine words into phrases, clauses and sentences, and how we interpret the combinations. Unlike most other components of language it is a system which is almost purely internal to language, and thus plays a central role in organising the entire linguistic system. The study of syntax is important for learning and teaching other languages. At the same time, it has practical applications for natural language processing, both in speech parsing and speech generation. We look at basic concepts and rules of syntax, illustrating these from standard and non-standard Englishes and a wide range of other languages. Our goal is to develop models of the syntax of languages, that allow us to make generalisations that lead to testable predictions about language data, and we will use problem-solving as the approach to this.

### LNGS 2003 Functional Grammar and Discourse

8 credit points. Professor J Martin. **Semester:** 1. **Classes:** (three 1 hr lectures & one 1 hr tutorial)/wk. **Prerequisite:** One of LNGS 1002, ENGL 1050, MECO 1001, LNGS 1001, LNGS 1003, LNGS 1004, LNGS 1005. **Assessment:** Essay, other written work.

This unit of study is concerned with the way in which language is organised to make meaning. Accordingly it takes a functional view of grammar, considering in detail the ways in which the grammar of 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. Lectures and tutorials are designed to give students analysis skills that will enable them to analyse texts from any English register. These skills will include 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. This course provides a foundation for further work on texts in context in the Social Discourse Analysis major.

### LNGS 2004 Discourse Analysis

8 credit points. Professor J Martin. **Semester:** 2. **Classes:** (three 1 hr lectures and one 1 hr tutorial)/wk. **Prerequisite:** Two of LNGS 1002, ENGL 1050, MECO1001, LNGS 1001, LNGS 1003, LNGS 1004, LNGS 1005, LNGS 2003. **Assessment:** Essay, other written assignments.

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, and b) language in use or context. In disciplines other than linguistics, 'discourse' is also applied to social practices more generally, including non-verbal ones.

- Knowledge of linguistic devices which ensure cohesion and coherence between sentences (textlinguistics)
- Understanding of problems in and ability to conduct empirical discourse analysis (what constitutes data?; transcription conventions)
- Analysis of language in relation to non-linguistic discourse modes such as images and music (multimodal analysis)
- Critical and applied approaches to discourse (critical discourse analysis).

### LNGS 2025 Australia's Indigenous Languages

8 credit points. Staff. **Semester:** 2. **Classes:** (one 2 hr lecture & one 1 hr tutorial)/wk. **Prerequisite:** One of LNGS 1001, LNGS 1004, LNGS 1005 and one of LNGS 1002 or LNGS 1003. **Prohibition:** LNGS 2005. **Assessment:** Essay, other written assignments.

This unit of study aims to give an overview of the languages of indigenous Australians. Of the 250 distinct Aboriginal languages spoken in 1788, most are dead or dying and just 20 languages are expected to survive another few generations. This unit of study will challenge this grim and oft-quoted statistic. We will see that new Aboriginal languages have emerged, apparently moribund languages have been gaining strength and distinctive Aboriginal ways of talking have survived. We consider why some languages have prospered while others have declined. We explore how Australian languages have responded to the challenges of non-Aboriginal settlement, in such arenas as education, land rights and health.

### LNGS 2027 Computer Applications in Linguistics

8 credit points. Dr M Walsh. **Semester:** 1. **Classes:** (one 2 hr lectures & one 1 hr tutorial)/wk. **Prerequisite:** LNGS 1001 or LNGS 1005 and one of LNGS 1002, LNGS 1003. **Assessment:** Written assignments, report, programming task, class.

Computers play an increasingly significant role in the study of language and literature. 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. Training in accessing information on languages and linguistics through library catalogues, electronic mailing lists, FTP sites and the World Wide Web. Other linguistics courses (like phonetics, field methods, historical linguistics and semantics) will rely on some basic knowledge of the use of computers, as can be gained from this unit.

### LNGS 2029 Historical Linguistics

8 credit points. Dr M Walsh. **Semester:** 2. **Classes:** (one 2 hr lecture & one 1 hr tutorial)/wk. **Prerequisite:** assignments.

This unit looks at the mechanisms of change within a particular language as well as across groups of related languages. This raises the question of how languages can be related: whether through sharing a common ancestor; by being in contact for a long time or by being consciously planned. In each instance we must either rely on knowledge we can gain from languages still in use or on records of extinct languages or earlier stages of existing languages. Because the records are often sparse it becomes necessary to reconstruct earlier stages and the unit provides the tools for undertaking a reconstruction. Once we reconstruct a common ancestor language we are then able to make inferences about the culture of the people who spoke it as well as where they lived and how they moved about. Each level of

linguistic structure is relevant to the study of language change so that the unit considers how sounds systems change over time as well as changes in meanings and grammatical systems.

### LNGS 2079 Language, Brain and Mind

8 credit points. Dr T Borowsky. Semester: 2. Classes: (one 2 hr lectures & one 1 hr tutorial)/wk. Prerequisite: Two of LNGS 1001, LNGS 1002, LNGS 1003, LNGS 1004 and LNGS 1005. 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.

### LNGS 3026 Semantics and Pragmatics

8 credit points. Dr J Simpson. Semester: 1. Classes: 2 hours seminar/wk plus one 1 hr tutorial. Prerequisite: One of LNGS 2001, LNGS 2002, LNGS 2003, LNGS 2004. Prohibition: LNGS 3006. Assessment: Essay; other written assignments.

*NB: Compulsory for Honours students; other students may select as an option*

Semantics is the component of language that 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. The study of semantics and pragmatics is important for learning and teaching other languages, for cross-cultural communication, for the study of literature. It has practical applications for natural language processing, for artificial intelligence study, and for dictionary-making.

We look at basic concepts of semantics and pragmatics, illustrating these from standard and non-standard Englishes and a wide range of other languages. Our goal is to develop an understanding of the diversity of ways in which meaning can be expressed linguistically, as well as of what constitutes evidence for saying that some linguistic unit has a certain meaning. Students will approach this by investigating meanings in the languages of their choice.

### LNGS 3912 Media Discourse: Analysing Mass Media

8 credit points. Dr I Piller. Semester: 1. Classes: (one 2 hr lectures & one 1 hr tutorial)/wk. Prerequisite: Credit average in 24 senior units in Linguistics (or Media and Communication electives). Assessment: Tests, three text analysis assignments.

'Sexy, healthy and 100% Australian-owned!' In this unit you will learn about discourse analytic approaches to media communication. The discourse of advertising and gender discourses in the media will form a special focus of the course. Furthermore, we will explore the politics of media discourses, the ways in which social identities are constructed in the media, differences between communication in various media (print, radio, TV, the Internet), the rhetoric of persuasion, and the discourses of popular culture. The framework for the course derives from functional linguistics and critical discourse analysis, as well as cultural studies.

### LNGS 3913 Multimodal Discourse Analysis

8 credit points. Professor Martin. Semester: 2. Classes: 2 hr lecture and 1 hr tutorial per week. Prerequisite: A credit average in 24 senior credit points of Linguistics including LNGS 2003 and LNGS 2004 or permission from the unit coordinator. Assessment: 1 text analysis assignment and 1 4000 essay.

This unit will focus on the analysis of discourse which combines language with images and sound, drawing on functional linguistics and social semiotics. It is concerned with the ways in which different modalities (language/image/sound) are co-deployed to organise representations of experience and to give value to that experience. Critical attention will be given to the expanding role of multimodal texts across media, including the tabloid press, popular magazines, contemporary, textbooks, video clips, electronic games, CD Roms and Web sites.

### LNGS 3921 Language and Culture

8 credit points. Professor W Foley. Semester: 1. Classes: (one 2 hr lecture & one 1 hr tutorial)/wk. Prerequisite: Credit average in 24 Senior credit points of Linguistics, including two of the following units: LNGS 2001, LNGS 2002, LNGS 2003 and LNGS 2004. Assessment: Essay and other written assignments.

Introduction to analyses of various problems in cultural and social studies that benefit from input from linguistic expertise and issues in linguistic analysis that require explication in a wider ethnographic perspective. Topics include: structuralism, language and cognition, linguistic relativity (Sapir-Whorf Hypothesis), ethnography of speaking.

### LNGS 3923 Cross-Cultural Communication

8 credit points. Dr M Walsh. Semester: 2. Classes: Two seminars/week. Prerequisite: Credit average in 24 Senior credit points of Linguistics, or of a foreign language. Prohibition: LNGS 3903. Assessment: Essay, other written assignments.

A survey of explanations for interactional style differences among different cultures (information structure, speech act theory, ethnography of communication, politeness), and a survey of some culturally differing linguistic features (silence, turn-taking, politeness, speech acts), through case studies and critiques.

### LNGS 3929 Bilingualism

8 credit points. Dr J Gibbons. Semester: 1. Classes: (one 2 hr lecture and one 1 hr tutorial)/wk. Prerequisite: Credit average in 24 Senior credit points in Linguistics. Assessment: Essay.

The role of institutions, social contact and language attitudes in language maintenance and shift. Bilingual and multilingualism proficiency: deficit and assets, social, educational and psychological aspects. Bilingual/multilingualism programs and the bilingual/multilingual classroom.

### LNGS 3933 Translation

8 credit points. Dr J Gibbons. Semester: 1. Classes: (one 2 hr lecture and one 1 hr tutorial)/wk. Prerequisite: Credit average in 24 senior credit points in Linguistics. Assessment: Translation tasks into English, Spanish, French or Italian, commentary on translation applying theory.

This course aims to develop understanding of linguistics, psycholinguistic and sociolinguistic aspects of translating and interpreting, by examining both the process and product of translation. It will also examine Translation and Interpreting in professional areas. The course adopts in part a reflective workshop approach to the understanding of translation.

### LNGS 3937 Language and the Law

8 credit points. Dr J Gibbons. Semester: 2. Classes: (one 2 hr lecture & one 1 hr tutorial)/wk. Prerequisite: Credit average in 24 senior credit points. Assessment: Short assignments and essay: analysis of text from a legal setting.

The objective of this course is to study of the link between language and the law in all its forms. The topics include the following: The language of the law, including the language of legal documents and the language of the courts, the police and prisons; legal drafting and interpretation, including plain language issues; legal interpreting and translation; disadvantage produced by language in legal processes; forensic linguistic evidence.

### LNGS 3940 Linguistics Research Issues

8 credit points. Dr J Simpson. Semester: 1,2. Classes: 3 hours seminar. Prerequisite: A credit average in a total of 24 senior credit points in Linguistics and permission of Chair of the Department. Assessment: 4000 word essay and two class presentations.

*NB: Permission required for enrolment.*

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.

### LNGS 4011 Linguistics Honours A

12 credit points. Semester: 1,2. Prerequisite: Credit average in 48 Senior Credits of Linguistics, including LNGS 3026 and 3 of LNGS 2001, LNGS 2002, LNGS 2003, LNGS 2004. Assessment: Consult Department for details.

*NB: Permission required for enrolment.*

### LNGS 4012 Linguistics Honours B

12 credit points. Semester: 1,2.

### LNGS 4013 Linguistics Honours C

12 credit points. Semester: 1,2.

### LNGS 4014 Linguistics Honours D

12 credit points. Semester: 1,2.



## ■ MDST

**MDST 2001 The Written Record of the Middle Ages**  
8 credit points. A/Professor Pryor (Coordinator). Semester: 1. Classes: Two 1 hour lectures and one 1 hour tutorial per week. Timetable: Tuesday 12-1, Thursday 12-2. Prerequisite: At least 12 Junior credit points in one subject area and 6 in another, both from part A of the Table of units of study. Assessment: Two 2000 word essays. A 2 hour formal examination or equivalent take-home.

This unit of study may be counted towards Majors in History and English

Examines medieval European traditions of the written record as they appear in both documents and books. Lectures address broad historical and cultural topics: the movement from oral to written tradition; literacy and the languages of written record (both Latin and vernaculars); the functions of writing in administration, law, intellectual pursuits, and leisure; the social contexts of writing. They also introduce students to the skills necessary to work with medieval manuscript texts of various kinds: palaeography, diplomatic, codicology, and numismatics. The relationship between written texts and music and art is also a focus. Tutorials pay particular attention to practice in reading and discussing individual examples of medieval writing so that students gain an overview of the production and function of medieval European documents and books and the ability to transcribe representative manuscript records and to comment purposefully on their typical and distinctive features.

Some class time is given to viewing and discussing medieval materials in the Rare Books collection at Fisher Library.

Some lectures and tutorials are also available in Web-based versions available through the Web site of the Centre for Medieval Studies.

### Textbooks

The Course Guide is available on the Centre's Web site at [www.arts.usyd.edu.au/Arts/departs/medieval/](http://www.arts.usyd.edu.au/Arts/departs/medieval/).

Students are expected to download the guide or to photocopy the hard copy kept in the Office of the School of English, Art History, Film and Media.

**MDST 2007 Medieval Literary and Artistic Modes**  
8 credit points. Professor M. Clunies Ross (Coordinator). Semester: 2. Classes: Two 1 hour lectures and one 1 hour tutorial per week. Timetable: Tuesday 12.00-1.00, Thursday 12.00-2.00. Prerequisite: 18 Junior credit points from part A of the Table of units of study of which 12 credit points are from one subject. Assessment: 3000 words of written work. A 2-hour formal examination or equivalent take-home.

This unit of study may be counted towards a Major in English.

Examines the main literary genres of medieval Europe and their cultural significance. Texts to be discussed include chronicles; history and pseudo-history; the epic mode (including Old English, Old Norse, Old French, and Middle High German works in translation); romances of chivalry, sentiment, and adventure from their origins to their later adaptations throughout Europe; religious and secular lyric and dramatic works; mystical and practical devotional works; exempla; and the ubiquitous folk tale tradition. The tutorial program focuses on selected texts in translation.

### Textbooks

A course reader will be available from the University Copy Centre.

**MDST 4011 Medieval Studies Honours A**  
12 credit points. A/Professor Pryor (Coordinator). Semester: 1,2. Prerequisite: 48 credit points of Senior-level Medieval Studies units of study, including MDST 2001 and 16 credit points from List B of the cross-listed units of study, all with a Credit average.

*NB: Permission required for enrolment.*

Medieval Studies TV Honours is a 2-semester program consisting of:

1. A thesis of 15-20,000 words, written under the supervision of a member of staff nominated by the Coordinator.
2. Four one-semester units (2 hours per week) chosen from Special Entry and IV Honours units of study in approved subject areas.

NOTE: Since entry into TV Honours semester units requires completion of Senior-level Special Entry units of study, it is important that intending students consult the Coordinator to ensure that their choice of Senior 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%.

**MDST 4012 Medieval Studies Honours B**  
12 credit points. Semester: 1,2.

*NB: Permission required for enrolment.*

Refer to MDST 4011.

**MDST 4013 Medieval Studies Honours C**  
12 credit points. Semester: 1,2.

*NB: Permission required for enrolment.*

Refer to MDST 4011.

**MDST 4014 Medieval Studies Honours D**  
12 credit points. Semester: 1,2.

*NB: Permission required for enrolment.*

Refer to MDST 4011.

## ■ MECO

**MEC01001 Introduction to Media Studies 1**  
6 credit points. A/Professor Lumby. Semester: 1. Classes: 3 hours per week. Assessment: Two 1500 word essays and one 1000 word tutorial paper.

*NB: Available to BA(Media and Commun) and BSc (Media & Commun) 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.

**MEC01002 Introduction to Media Studies 2**  
6 credit points. A/Professor Lumby. Semester: 2. Classes: 3 hours per week. Prerequisite: MEC01001. Corequisite: ENGL 1005.

Assessment: Two 1500 word essays and one 1000 word tutorial paper.

*NB: Available to BA(Media and Commun) and BSc (Media & Commun) students only.*

This unit of study builds on the knowledge and skills acquired in MECO 1001 and focuses on applying these ideas by analysing media texts. Students will also study theories of audience research, media consumption, and the media's role in the public sphere. They will learn to critically evaluate these theories and build on research skills acquired in Introduction to Media Studies 1. By the end of the unit, students should be able to apply basic theoretical concepts in the analysis of media texts and be able to demonstrate a detailed knowledge of two areas covered in the course.

**MECO 2001 Broadcast News (Radio and Online)**  
8 credit points. Associate Professor Lumby (Media & Comm), Dr Evans (Language Centre). Semester: 1. Classes: Three hours per week. Prerequisite: MECO 1001, MECO 1002 and ENGL 1050. Corequisite: MECO 2002 if taken in Semester 1 or MECO 2003 in Semester 2. Assessment: One 2000 word essay, one production diary, radio script and final work.

*NB: Available to BA(Media and Commun) and BSc (Media & Commun) students only.*

This unit of study provides an introduction to the theory and practice of radio and online audio broadcast news by combining theoretical analysis with practical experience in the creation of news bulletins. The course looks at the history and contemporary status of radio and considers such concepts as news values and the role of the Internet in audio broadcasts. The course has a strong practical component in which students will research, script, record and edit a news bulletin. They will also analyse radio and online broadcast texts.

**MECO 2002 Writing for Print Media**  
8 credit points. Associate Professor Lumby. Semester: 2. Classes: 3 hours per week. Prerequisite: MEC01001, MEC01002 and ENGL 1050. Corequisite: MECO 2001 if taken in Semester 1 or MECO 2003 in Semester 2. Assessment: Two 500 word news stories, two 1500 word feature articles.

*NB: Available to BA(Media and Commun) and BSc (Media & Commun) students only.*

This unit of study will equip students with practical writing skills required in the mainstream print and online media. It covers the basics of news writing, feature writing, and writing for online publications. Students will be required to research and write articles and to critically analyse material drawn from the contemporary print and online media. They will also study the history of print media forms and learn to critically evaluate articles drawn from the contemporary print and online media in weekly seminars.



**MECO 2003 Media Relations and Advertising**

8 credit points. A/Professor Lumby. **Semester:** 2. **Classes:** 3 hours per week. **Corequisite:** MECO 2001 or MECO 2002. **Assessment:** Two 500 and one 1000 word practical assignments, one 1500 word essay. **NB:** Available to BA(Media and Commun) and BSc (Media & Commun) students only.

This unit of study will examine the media, public relations and advertising industries. It will combine critical analysis of historical and contemporary industry practices with an introduction to practical skills required in these industries. Students will analyse material drawn from the media relations and advertising industries and learn to write basic copy, prepare press releases, information kits and establish media monitoring and liaison systems.

**MECO 3001 Video Production**

8 credit points. A Dunn. **Semester:** 1. **Prerequisite:** MECO1001, MECO 1002, MECO 2001, MECO 2002, MECO 2003, ENGL 1050.

**Corequisite:** MECO 3002, MECO 3003, GOVT 2303.

**NB:** Available to BA(Media and Commun) and BSc (Media & Commun) students only.

This unit builds on knowledge and skills acquired in media studies, writing and radio units. It introduces students to the history, theory and practice of video production, both field and studio based. The unit will equip students with practical skills in planning, researching and budgeting a video production, as well as with skills in digital camera operation, video recording and digital video editing using desktop software. The unit emphasises information programming (news, current affairs, corporate video, documentary and 'infotainment'). Students will be expected to produce short video items.

**MECO 3002 Online Media Production**

8 credit points. A Dunn. **Semester:** 2. **Classes:** 1 hour lecture, 2 hour seminar. **Prerequisite:** MECO1001, MECO1002, MECO 2001, MECO 2002, MECO 2003, ENGL 1050, MECO 3001. **Corequisite:** MECO 3003, GOVT 2303. **Assessment:** Students will be required to submit a written proposal for an online journal, a 3 page Web site, a production log of 1500 words, and a 1000 word report analysing the key concepts and skills learnt.

**NB:** Available to BA(Media and Commun) and BSc (Media & Commun) students only.

This subject consolidates and develops earlier learning in audio and video journalism, image manipulation and World Wide Web page creation. It covers aspects of the online production process from researching and selecting an idea, to realising that idea online using multiple pathways and story lines. Students are introduced to writing for online products and services, and to project management. Working in production teams, students gain practical skills in writing, producing and editing for the online environment. Further consideration of theoretical approaches to new media provide students with ways of analysing, critiquing and reflecting on their work.

**MECO 3003 Media, Law and Ethics**

8 credit points. A/Professor Lumby. **Semester:** 2. **Classes:** 2 lectures and 1 tutorial per week. **Prerequisite:** MECO1001, MECO1002, ENGL 1050 or ENGL 1005, MECO 2001, MECO 2002, MECO 2003, MECO 3001.

**Corequisite:** MECO 3002, GOVT 2303. **Assessment:** While it is usual to set two 3000 word essays in an 8 credit point subject, it should be noted that the 1500 word article and analysis of a court case will require students to engage in an intensive research exercise prior to writing which will involve observation of a court case. It should also be noted that word length does not necessarily bear the same relationship to research quantum in a journalistic exercise as it does in an academic essay as one of the key journalistic skills is condensing information into a small word limit.

**NB:** Available to BA(Media and Commun) and BSc (Media & Commun) students only.

MECO 3003 will introduce students to key legal and ethical issues relevant to journalism. 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 the structure of Australia's legal system and to those aspects of the law that impinge on the work of media professionals.

**■ MGRK****MGRK 1101 Basic Modern Greek A**

6 credit points. Dr Karalis. **Semester:** 1. **Assessment:** Continuous assessment; one 3-hour exam.

Practical language teaching for those whose Greek is below HSC standard. Students will be divided into groups with different needs. The Department reserves the right to place the students in the appropriate group. The groups are usually the following:

Beginners - a unit for those who know little or no Greek. Concentration is at first on the skills of speaking and listening, but later equal weight is given to reading and writing.

Intermediate - a unit for those who have some knowledge of Greek, but below HSC level. Concentration is on systematising and externalising students' knowledge of oral language structures, while giving basic help in the development of the skills of reading and writing.

*Textbooks*

Supplied through department.

**MGRK 1102 Basic Modern Greek B**

6 credit points. Dr Karalis. **Semester:** 2. **Prerequisite:** MGRK 1101.

**Assessment:** Continuous assessment; one 3-hour exam.

By the end of this unit students in the Beginners group should be able to acquire goods and services in a Greek environment without resorting to English, and to send a simple letter to a Greek correspondent. Students in the Intermediate group should reach the linguistic level of a good 2-unit HSC candidate.

*Textbooks*

Supplied through department.

**MGRK 1201 Post HSC Greek: Language Structures A**

3 credit points. Dr Dracopoulos. **Semester:** 1. **Prerequisite:** HSC Modern Greek Extension or Modern Greek Continuers at a satisfactory standard, or equivalent language proficiency determined by the Department. The Department reserves the right to take a final decision in any case of dispute over the appropriate unit. **Assessment:** Continuous assessment; one 3-hour exam.

This unit explores the Modern Greek language and its usage through the study and analysis of a variety of topic areas. Various methods will be used to identify and explain grammatical structures (morphology and syntax) and provide opportunities for students to internalise and improve their command of the Greek language.

*Textbooks*

Supplied through department.

**MGRK 1202 Post HSC Greek: Language Structures B**

3 credit points. Dr Nazou. **Semester:** 2. **Prerequisite:** MGRK 1201 or special permission by department. **Assessment:** Continuous assessment; one 3-hour exam.

**NB:** Under special circumstances enrollment in this unit without completion of MGRK 1201 is possible after arrangements have been made with course coordinator.

A continuation of MGRK 1201.

*Textbooks*

Supplied through department.

**MGRK 1501 Cultural and Historical Survey A**

3 credit points. Dr Karalis. **Semester:** 1. **Assessment:** One 1200-word paper, one indepartmental test.

The unit, together with MGRK 1502, provides an introduction to the history and culture of speakers of Greek in the post-classical world. Coverage will be fullest after 1800. Political and social developments will be linked to the reading of Greek texts in translation, illustrating how Greek culture and literature have reacted to historical change and ideological repositioning. The two units together provide a good introduction to Modern Greece and Cyprus for those who wish to study them without learning the language.

*Textbooks*

Supplied through department.

**MGRK 1502 Cultural and Historical Survey B**

3 credit points. Dr Dracopoulos. **Semester:** 2. **Prerequisite:** MGRK 1501. **Assessment:** One 1200-word paper, one indepartmental test.

This unit which is a continuation of MGRK 1501 provides an introduction to Modern Greek literature during the last 200 years. Special attention is given to the most prominent poets and prose writers who shaped Modern Greek identity and contributed to the establishment of influential cultural movements in the country. Texts will be given in Greek and English and students are required to present tutorial papers.

*Textbooks*

Supplied through department.

**MGRK 2001 Intermediate Modern Greek A**

8 credit points. Dr Dracopoulos. **Semester:** 1. **Prerequisite:** MGRK 1102. **Assessment:** Continuous assessment, 1400 word paper, 2 2-hour examinations.

Its core 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. Students who have already completed MGRK 1501 and 1502 will be required to attend other units as decided by the Department.

*Textbooks*

Supplied through department.

**MGRK 2002 Intermediate Modern Greek B**

8 credit points. Dr Dracopoulos. **Semester: 2. Prerequisite:** MGRK 2001. **Assessment:** Continuous assessment, 1400 word paper, 2 2-hour examinations.

*Textbooks*

Supplied through department.

**MGRK 2203 Style and Expression**

4 credit points. Dr Dracopoulos. **Semester: 1. Prerequisite:** MGRK 1202 or MGRK 2002. **Assessment:** Continuous assessment and one 2 hour examination.

The unit builds upon the structures analysed in MGRK 1201-1202. 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 department.

**MGRK 2204 Comparison of Greek and English**

4 credit points. Dr Karalis. **Semester: 1. Prerequisite:** MGRK 1202 or MGRK 2002. **Assessment:** Continuous assessment.

Students' ability to discuss language for analytical and teaching purposes is enhanced in this unit by comparative examination of patterns found in Greek and English; necessary linguistic terminology is introduced in both languages. There is also practical concentration on translation between the languages in areas of special difficulty.

*Textbooks*

Supplied through department.

**MGRK 2501 The Other Road to Greek Modernity**

4 credit points. Dr Dracopoulos. **Semester: 1. Prerequisite:** MGRK 1502, 1202 or special permission. **Assessment:** A 2000 word essay, tutorial presentation and participation and a 2.5 hour examination. This unit examines attempts to modernise Greek Literature at the beginning of the 20th century by CP Cavafy, K. Karyotakis and other poets, together with a new trend in Greek criticism put forward by T. Agras and K. Paraschos. These efforts were later overshadowed and marginalised by the dominant discourse of Greek Modernism, which is associated with the group known as the generation of the 1930's. Parallels are drawn with the European literary context and relevant developments in Greek political life.

*Textbooks*

Supplied through the Department.

**MGRK 2502 Text and Context in 19th Century Greece**

4 credit points. Dr Karalis. **Semester: 1. Prerequisite:** 12 junior credit points in any subject. **Assessment:** One 2.5 hour examination, a 2000 word essay and tutorial participation.

This unit analyses representative texts dated between the preparations for Greek independence at the end of the 18th century and the first stage of Greek urbanisation at the end of the 19th. It explores mental models, cultural values, patterns of imagery and conceptual frameworks introduced by Greek intellectuals to create a specific construction of reality for the Greek nation-state, particularly over the relation of the past to the present (historicism) with special regard for the gradual discovery of divergent histories (women, oppressed minorities) within the main historical grand narratives. The unit ends with discussion of the new textual devices introduced by demoticism at the end of the 19th century for the cultural homogenization of the Greek society.

*Textbooks*

Supplied through the Department

**MGRK 2503 Origins of Modern Greek Culture**

4 credit points. Dr Dracopoulos. **Semester: 2. Prerequisite:** MGRK 1202, 1102 or special permission.

Are the Modern Greeks the inheritors of the Ancients or the Byzantines? Are the most dominant aspects of their culture

pagan or Christian? Are they Greeks, Romioi or Hellenes? How did Modern Greeks deal with their long and varied past? The unit will critically examine the major perceptions (central and peripheral) of the Greek cultural identity put forward by the Greek intellectuals and artists from the enlightenment to date, placing particular emphasis on views which arose after the formation of the modern Greek nation-state. It will deal with issues of identity, tradition, nation, cultural continuity and discontinuity and it will also try to relate these issues to the Greek Australian experience.

**MGRK 2505 Deconstructing 20th Century Greek Prose**

4 credit points. Dr Nazou. **Semester: 2. Prerequisite:** MGRK 1202, 1102 or special permission.

This unit provides a re-reading of several novels of 20th century Greece, in an attempt to frame and elucidate the main structures of thought and the central narrative practices which formed contemporary Greek responses to the challenges of writing. Special attention is given to women writers and their feminine approach to Greek reality.

**MGRK 2904 Sociolinguistics in the Greek Diaspora**

4 credit points. Dr Nazou. **Semester: 2. Prerequisite:** A Special Entry Eligibility form signed by the Chair of department. **Assessment:** Continuous assessment and a 2 hour examination.

*NB: 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 department.

**MGRK 3205 Varieties and Registers**

4 credit points. Dr Nazou. **Semester: 2. Prerequisite:** MGRK 1202 or special permission from department. **Assessment:** Continuous assessment and one 2.5 hour examination.

Modern Greek is the contemporary form of a language with nearly 4000 years of recorded history, all of which can be used to enrich its expression. But especially in the last 200 years speakers of Greek have been hampered by the coexistence of different competing varieties, especially katharevousa and dimotiki. This unit enables students to recognise some major historical varieties and their implications, and to read some simple examples. Comparison is made with registers within the contemporary language.

*Textbooks*

Supplied through department.

**MGRK 3210 Theory and Practice of Translation**

4 credit points. Dr Nazou. **Semester: 2. Classes:** 1 tutorial, 2 x 1 hour lectures. **Prerequisite:** MGRK 1202 and MGRK 1302 or special permission from department. **Assessment:** Continuous assessment and one 2000 word essay.

An introduction to translation including both basic techniques and advanced skills, for example in literary translation. Students practice translation both from Greek to English and from English to Greek. Introductory lectures in the theory of translation will incorporate contemporary approaches, such as gender theory, post-colonial studies etc. and will provide a solid foundation for the better understanding of translation as cultural mediation.

*Textbooks*

Supplied through department.

**MGRK 3901 Theories of Literature**

4 credit points. Dr Dracopoulos. **Semester: 1. Prerequisite:** A Special Entry Eligibility form signed by the Chair of department. **Assessment:** Continuous assessment and a 2 hour examination.

*NB: Permission required for enrolment.*

A study of a variety of concepts, theoretical approaches and methodologies useful for the analysis of Modern Greek literature. It also provides a wide variety of texts which analyse contemporary approaches to the phenomenon of literature and its social function.

*Textbooks*

Supplied through department.

**MGRK 4011 Modern Greek Honours A**

12 credit points. Dr Karalis. **Semester: 1,2. Prerequisite:** A major in Modern Greek plus 16 additional credit points which must include MGRK 2904 and 3901. **Assessment:** Essays for each seminar and long essay.

*NB: Permission required for enrolment.*

Students will complete six semester length seminars and associated work. In addition to this students will write a Long

Essay of about 15000 words on a subject chosen in consultation with the Department's staff. Individual guidance will be provided.

The seminars offered in 2002 are:

Session 1:

Literary history and poetics  
Modern Greek historiography  
Comparative literature

Session 2:

The classical heritage in Modern Greek culture  
History of Modern Greek Literary criticism  
Greek literature in Film

*Textbooks*

Supplied through department.

**MGRK 4012 Modern Greek Honours B**  
12 credit points. **Semester:** 1,2.

**MGRK 4013 Modern Greek Honours C**  
12 credit points. **Semester:** 1,2.

**MGRK 4014 Modern Greek Honours D**  
12 credit points. **Semester:** 1,2.

## ■ MUSC

### MUSC 1006 Ensemble Performance 1

3 credit points. Dr Scott-Maxwell. **Semester:** 1. **Classes:** 3-hr rehearsal/wk and performances. **Assessment:** Contribution to rehearsals and performances (60%), attendance requirement, one written assignment (40%).

*NB: Permission required for enrolment. Some ensembles will require audition. Please see the department. It is essential for all students to register in the department and to collect a set of papers regarding the assessment for each particular ensemble.* Participation in one of the Department's performance ensembles: the Sydney University Symphony Orchestra, the Music Department's Gamelan Ensemble, Sydney University Musical Society, the Conservatorium Choir, the Sydney Chamber Choir or the Renaissance Players.

### MUSC 1007 Ensemble Performance 2

3 credit points. Dr Scott-Maxwell. **Semester:** 2. **Classes:** 3-hr rehearsal/wk and performances. **Assessment:** Contribution to rehearsals and performances (60%), attendance requirement, one written assignment (40%).

*NB: Permission required for enrolment. Some ensembles will require audition. Please see the department. It is essential for all students to register in the department and to collect a set of papers regarding the assessment for each particular ensemble.* Participation in one of the Department's performance ensembles: the Sydney University Symphony Orchestra, the Music Department's Gamelan Ensemble, Sydney University Musical Society, the Conservatorium Choir, the Sydney Chamber Choir or the Renaissance Players.

### MUSC 1501 Music! A

6 credit points. Professor Boyd. **Semester:** 1. **Classes:** 2 lectures & 2 tutorials/wk. **Prerequisite:** At least 67% in HSC Music 2 or Music Extension or the equivalent skills as determined by the department. **Prohibition:** MUSC 1503,1504,1000,1001, 1002,1003,1004,1005. **Assessment:** Five composition exercises (30%), two aural tests plus class work assessment in aural tutorials (20%). One 1500wd essay (20%) and one 90-minute exam (20%) attendance and participation in tutorials (10%).

This unit combines the historical study of the Western musical tradition from the Classical Greeks to Beethoven with research-based analysis of fundamental compositional concepts in a wide range of Western and non-Western musical styles. The historical component has two main objectives (i) to teach students how to understand and enjoy music from a critical, analytical and literary perspective; and (ii) to improve their skills in writing about music. Students will also complete set exercises in musical composition dealing with various concepts of melody, harmony and rhythm, presented in neat, hand-written notation. Aural training in tutorials complements this analytical study.

### MUSC 1502 Music 2A

6 credit points. Professor Boyd, Associate Professor Evans. **Semester:** 2. **Classes:** 2 lectures & 2 tutorials/wk. **Prerequisite:** MUSC 1501. **Prohibition:** MUSC 1503,1504,1000,1001,1002,1003,1004,1005. **Assessment:** Five composition exercises (30%), two aural tests plus class work assessment in aural tutorials (20%). One 1500wd essay (20%) and one 90-minute exam (20%) attendance and participation in tutorials (10%).

This unit combines the historical study of the Western musical tradition from the Beethoven to the present day, with research-based analysis of fundamental compositional concepts in a wide range of Western and non-Western musical styles. The historical component has two main objectives (i) to teach students how to understand and enjoy music from a critical, analytical and literary perspective; and (ii) to improve their skills in writing about music. Students will also complete set exercises in musical composition dealing with various concepts of melody, harmony and rhythm, presented in neat, hand-written notation. Aural training in tutorials complements this analytical study.

### MUSC 1503 Music 1B

6 credit points. Professor Boyd, Dr Scott-Maxwell. **Semester:** 1. **Classes:** 2 lectures & 2 tutorials/wk. **Assumed knowledge:** The ability to follow a piano score while listening to the music. **Prohibition:** MUSC 1501,1502,1000,1001,1002,1003,1004,1005. **Assessment:** Assessment: Four composition/analysis exercises and several tests in class (50%). One 1500wd essay (20%) and one 90-minute exam (20%). Attendance and participation in tutorials (10%).

This unit combines the historical study of the Western musical tradition from the Classical Greeks to Beethoven, with an exploration of basic compositional techniques in a variety of styles.

The historical component has two main objectives (i) to teach students how to understand and enjoy music from a critical, analytical and literary perspective; and (ii) to improve their skills in writing about music, while the compositional component is supported by a study in basic aural and notational skills including aural dictation, score reading and analysis.

### MUSC 1504 Music 2B

6 credit points. Professor Boyd, Dr Scott-Maxwell. **Semester:** 2. **Classes:** 2 lectures & 2 tutorials/wk. **Prerequisite:** MUSC 1503. **Prohibition:** MUSC 1501,1502,1000,1001,1002,1003,1004,1005. **Assessment:** Four composition/analysis exercises and several tests in class (50%). One 1500wd essay (20%) and one 90-minute exam (20%). Attendance and participation in tutorials (10%).

This unit combines the historical study of the Western musical tradition from Beethoven to the present day, with an exploration of basic compositional techniques in a variety of styles.

The historical component has two main objectives (i) to teach students how to understand and enjoy music from a critical, analytical and literary perspective; and (ii) to improve their skills in writing about music, while the compositional component is supported by a study in basic aural and notational skills including aural dictation, score reading and analysis.

### MUSC 2009 Introduction to Medieval Music

4 credit points. Associate Professor Evans. **Semester:** 2. **Classes:** 1.5 lectures/week. **Prerequisite:** 48 Junior credit points and the ability to follow a score while listening to the music. **Assessment:** 2,500 word essay AND transcription and arrangement of music; OR one 4500 word essay.

Topics to be covered, from time to time, include secular music of mediaeval Spain and Portugal, mediaeval European dances and dance-songs, and the music of the Sephardim. These units of study will survey the output of music and poetry, mediaeval attitudes to performance and analysis of musical structures.

### MUSC 2010 Advanced Concepts 1

4 credit points. Professor Boyd. **Semester:** 1. **Classes:** 1 lecture & 1 tutorial/week. **Prerequisite:** Prerequisites: MUSC 1504 or MUSC 1000 and 1001 and MUSC 1005. **Prohibition:** MUSC 1501,1502,1002 and 1003. **Assessment:** Five composition exercises (60%), two aural tests plus class work assessment in aural tutorials (40%). Analysis of fundamental compositional concepts in melody and harmony (demonstrated by students in compositional output presented in neat, hand-written notation). Music from a wide range of Western and non-Western musical styles is studied. Aural training tutorials complement these studies.

### MUSC 2011 Advanced Concepts 2

4 credit points. Associate Professor Evans. **Semester:** 2. **Classes:** 1 lecture & 1 tutorial/week. **Prerequisite:** MUSC 2010. **Prohibition:** MUSC 1501,1502,1002,1003. **Assessment:** Five composition exercises (60%), two aural tests plus class work assessment in aural tutorials (40%).

Analysis of fundamental compositional concepts in harmony, melody and rhythm (demonstrated by students in compositional output presented in neat, hand-written notation). Music from a wide range of Western and non-Western musical styles is studied. Aural training tutorials complement these studies.

**MUSC 2012 Advanced Concert Performance 1**  
4 credit points. Semester: 1,2. Classes: 1-2 tutorials/week. Prerequisite: 48 Junior credit points AND audition (contact the department one week before semester begins). Assessment: (1) 30 minutes concert performance (repertoire not to be counted in any other performance course), (2) attendance at relevant classes, concerts and rehearsals, (3) program notes.

*NB: Permission required for enrolment.*

Performance in lunch-time concerts in the Great Hall, MacLaurin Hall and the Old Darlington School. Students receive a written report, a tape of their performance, an advisory interview after each concert and corrections to program notes (all of which are meant to develop a scholarly, analytical research basis towards the practical performance of music).

**MUSC 2013 Advanced Concert Performance 2**  
4 credit points. Semester: 1, 2. Classes: 1-2 hour tutorials/week. Prerequisite: MUSC 2012. Assessment: (1) 30 minutes concert performance (repertoire not to be counted in any other performance course), (2) attendance at relevant classes, concerts and rehearsals, (3) program notes.

Performance in lunch-time concerts in the Great Hall, MacLaurin Hall and the Old Darlington School. Students receive a written report, a tape of their performance, an advisory interview after each concert and corrections to program notes (all of which are meant to develop a scholarly, analytical research basis towards the practical performance of music).

**MUSC 2018 Large Ensemble 1**  
4 credit points. Assoc Professor Evans. Semester: 1,2. Classes: 1.5 to 2 hour tutorials/week. Prerequisite: 48 Junior credit points and audition in the week before Semester begins. Assessment: Weekly tutorials (performance), concert performance, 2,500 word essay.

*NB: Permission required for enrolment.*

Regular rehearsals supervised by a tutor to improve and develop ensemble performance skills, self-discipline, leadership. Instruction in balance, section leading, intonation, tone production, various rhythmic procedures, ear training and improvisation.

**MUSC 2019 Large Ensemble 2**  
4 credit points. Associate Professor Evans. Semester: 1, 2. Classes: 1.5-2 hour tutorials/week. Prerequisite: MUSC 2018. Assessment: weekly tutorials (performance), concert performance, and 2,500 word essay.

Regular rehearsals supervised by a tutor to improve and develop ensemble performance skills, self-discipline, leadership. Instruction in balance, section leading, intonation, tone production, various rhythmic procedures, ear training and improvisation.

**MUSC 2021 Fieldwork, Ethnography and Transcription**  
4 credit points. Dr Scott-Maxwell. Semester: 2. Classes: 13 lectures & 1 bi-weekly tutorial. Prerequisite: EITHER MUSC 1502 or MUSC 1504, OR MUSC 1000 and 1001, and either MUSC 1003, or MUSC 1005. Assessment: Field project (oral and written presentation), 3 transcriptions, critical readings.

A practical and theoretical introduction to fieldwork and transcription methodologies with hands-on experience in a number of documentary media. Students will undertake a field project on a topic of their own choice.

**MUSC 2023 History of Performance Practice**  
4 credit points. Semester: 1. Classes: 2 hours/week. Prerequisite: EITHER MUSC 1502 or MUSC 1504, OR MUSC 1000 and 1001, and either MUSC 1003, or MUSC 1005. Prohibition: MUSC 1803. Assessment: historical performance on a modern or period instrument (60%), 1500 word essay (40%).

A study of the history of performance practice in music using primary source materials from the 16th to 20th centuries. Some tutorials covering special areas of performance in non-Western and Western music will be given by guest specialists.

**MUSC 2024 History of Performance Practice 2**  
4 credit points. Associate Professor Evans. Semester: 2. Classes: 2 hours/week. Prerequisite: MUSC 2023, Prohibition: MUSC 1803, 1804. Assessment: practical test on a modern or period instrument (50%), tutorial preparation (20%), 2500 word essay (30%).

A study of the history of performance practice in music using primary source materials from the 16th to 20th centuries. This will include practical tutorials in historical performance on the appropriate early instruments.

**MUSC 2030 Introduction to Origins of Modern Music**  
4 credit points. Professor Boyd. Semester: 1. Classes: 1.5 lecture/wk. Prerequisite: EITHER MUSC 1502 or MUSC 1504, OR MUSC 1000 and 1001, and either MUSC 1003, or MUSC 1005. Assessment: A short tutorial paper; and EITHER a short mid-semester essay, a seminar presentation and a 3000 word essay OR two 3000 word essays. An examination of the crisis in musical language at the end of the 19th century and the solutions posed by major composers (Debussy, Schoenberg, Stravinsky, Bartok and others) which gave rise to 20th century modernism in music to 1945 in Europe and America.

**MUSC 2033 Music Publishing**  
4 credit points. Semester: 1. Classes: 13 lectures/6 tutorials. Prerequisite: EITHER MUSC 1502 or MUSC 1504, OR MUSC 1000 and 1001, and either MUSC 1003, or MUSC 1005 plus basic familiarity with Macintosh System 9 or above. Prohibition: MUSC 1801. Assessment: One major assignment (25 pages of orchestral, chamber or choral score plus a set of parts extracted from the score) and three smaller assignments dealing with specific techniques to do with learning the computer program.

This is a music publishing course, using industry standard computer programs. This unit will be useful to composers, musicologists, arrangers and copyists, teaching students how to produce professional-looking, computer-published music scores and files for the Internet.

**MUSC 2041 Twentieth Century Harmony**  
4 credit points. Mr Shanahan. Semester: 2. Classes: 1.5 lectures or tutorials/wk. Prerequisite: EITHER MUSC 1502 or MUSC 1504, OR MUSC 1000 and 1001, and either MUSC 1003, or MUSC 1005. Assessment: 7 assignments.

Various numeric and compositional procedures from the 20th century shall be studied by focusing upon the working methods and philosophies of major composers such as Debussy, Varese, Messiaen, Webern, Britten, Stravinsky and Reich.

**MUSC 2042 Baroque Performance 1**  
4 credit points. Associate Professor Evans. Semester: 2. Classes: 2 hours lectures and/or tutorials/week. Prerequisite: MUSC 1502 or MUSC 1504, or MUSC 1000 and 1001, and EITHER MUSC 1003, OR MUSC 1005 plus audition. See department one week before semester begins. Assessment: One essay (2500 words), and an end-of-semester performance test on a baroque instrument. Detailed analysis of the stylistic characteristics of European music from the late 17th to mid-18th century, which students discuss in an essay and apply in practical performance reconstructions based on information in primary source materials. Performance is on a baroque instrument.

**MUSC 2070 Music Festivals**  
4 credit points. Associate Professors Maret and Routley. Semester: 1. Classes: A field trip (1 week intensive) and 1 seminar/wk. Prerequisite: 18 junior credit points which must include EITHER MUSC 1502 or MUSC 1504, OR MUSC 1000 and 1001, and either MUSC 1003, or MUSC 1005. Assessment: A field trip (1 week intensive) and 1 seminar/wk. Assessment: Class participation on field trip (25%), seminar presentation (25%), one essay 1500 words (50%).

The course will consist of a field trip (1 week) to a major music festival, followed by 12 workshops in which the following topics will be addressed: Festival direction, selection of items and performers, decisions about controversy and conservatism, means and media of performance, and others. It will critique the process by which festivals arise and are continued, especially with regard to press reviews. In 2002 it is proposed that the festival will be the Adelaide Festival.

**MUSC 2071 The Symphonies of Gustav Mahler**  
4 credit points. Professor Boyd. Semester: 2. Classes: One 90-min seminar/wk. Prerequisite: EITHER MUSC 1502 or MUSC 1504, OR MUSC 1000 and 1001, and either MUSC 1003, or MUSC 1005. Assessment: (i) A seminar paper on an aspect of Mahler's symphonies or song cycles (20 minutes) (30%) (ii) An essay developed from the seminar paper (c. 3000 words) (40%) (iii) A listening test covering the materials discussed in this course (c. 60 minutes) (20%) (iv) Attendance and participation (10%).

Using the composer's idea of 'the symphony as a world', this unit of study will examine all the symphonies and major song cycles composed by Gustav Mahler (1860-1911). Students will acquire detailed and general knowledge of Mahler as a symphonist in the turbulent period of late Romanticism and early modernism when the very basis of the Western musical language was challenged and extended.

**MUSC 2104 Musical Analysis**

4 credit points. Associate Professor Marett/Associate Professor Routley. Semester: 1. Classes: 12 lectures/6 tutorials. Prerequisite: MUSC 2502. This unit is a prerequisite for Honours (BA, BA/BMus or BMus) or with permission of the chair of the department. Assessment: Six short assignments (48%) class presentation (to be submitted) (40%) class participation (12%).

This unit of study will examine the principal approaches employed in the analysis of western and non-western music. These may include analysis of Australian Aboriginal music, Japanese music, Indonesian music and Indian music, as well as the following western forms: canon, fugue, madrigal, sonata form. Formal analysis in general, Schenkerian analysis, and other techniques appropriate to the analysis of music from the Renaissance to the early 20th century will also be discussed.

**MUSC 2501 Australian and Asian Music**

8 credit points. Associate Professor Marett, Professor Boyd, Dr Scott-Maxwell. Semester: 1. Classes: 3 lectures/wk. Prerequisite: EITHER MUSC 1502 or MUSC 1504, OR MUSC 1000 and 1001, and either MUSC 1003, or MUSC 1005. Prohibition: MUSC 2017, MUSC 2026, MUSC 2105. Assessment: One 2500 word essay (50%) and one three-hour exam. (50%).

Australian musical culture including the songs and dances of the major genres of Aboriginal music and the history of music making in Australia since European settlement. The music of Asia and the Pacific and its relationship to Australia.

It is required that students undertaking a major in Music from 2002 take MUSC 2501 and 2502.

**MUSC 2502 European Art - Music Traditions**

8 credit points. Associate Professor Routley, Professor Boyd, Associate Professor Evans. Semester: 2. Classes: 3 lectures/wk. Prerequisite: EITHER MUSC 1502 or MUSC 1504, OR MUSC 1000 and 1001, and either MUSC 1003, or MUSC 1005. Prohibition: MUSC 2008, MUSC 2022, MUSC 2107. Assessment: One 2500 word essay (50%) and one three-hour exam. (50%).

This unit of study will focus on selected works from some of the major periods of European music in order to provide an in-depth appreciation of specific compositions. Links to a wider range of music and to non-musical aspects of European culture will also be explored.

It is required that students undertaking a major in Music from 2002 take MUSC 2501 and 2502.

**MUSC 3104 Advanced Concert Performance 3**

4 credit points. Associate Professor Evans. Semester: 1,2. Classes: 1-2 hour tutorials/week. Prerequisite: MUSC 2013. Corequisite: MUSC 3104 and 3105 must be taken over two consecutive semesters.

Assessment: (1) 35 minutes concert performance (repertoire not to be counted in any other performance course), (2) attendance at relevant classes, concerts and rehearsals, (3) program notes. Performance in lunch-time concerts in the Great Hall, MacLaurin Hall and the Old Darlington School. Students receive a written report, a tape of their performance, an advisory interview after each concert and corrections to program notes (all of which are meant to develop a scholarly, analytical research basis towards the practical performance of music).

**MUSC 3105 Advanced Concert Performance 4**

4 credit points. Associate Professor Evans. Semester: 1,2. Classes: 1-2 hour tutorials/week. Prerequisite: MUSC 3104. Corequisite: MUSC 3104 and 3105 must be taken over two consecutive semesters.

Assessment: (1) 35 minutes concert performance (repertoire not to be counted in any other performance course), (2) attendance at relevant classes, concerts and rehearsals, (3) program notes. Performance in lunch-time concerts in the Great Hall, MacLaurin Hall and the Old Darlington School. Students receive a written report, a tape of their performance, an advisory interview after each concert and corrections to program notes (all of which are meant to develop a scholarly, analytical research basis towards the practical performance of music).

**MUSC 3106 Advanced Concert Performance 5**

4 credit points. Associate Professor Evans. Semester: 1,2. Classes: 2 hour tutorials/week. Prerequisite: MUSC 3105. Corequisite: MUSC 3106 and 3107 must be taken over two consecutive semesters.

Assessment: (1) 45 minutes concert performance (repertoire not to be counted in any other performance course), (2) program notes, (3) critique of concert (1000 words), (4) attendance at relevant concerts, classes, and rehearsals.

Performance in lunch-time concerts in the Great Hall, MacLaurin Hall and the Old Darlington School. Students receive a written report, a tape of their performance, an advisory interview after each concert and corrections to program notes (all of which are meant to develop a scholarly, analytical research basis towards the practical performance of music).

**MUSC 3107 Advanced Concert Performance 6**

4 credit points. Semester: 1,2. Classes: 2 hour tutorials/week. Prerequisite: MUSC 3106. Corequisite: MUSC 3106 and 3107 must be taken over two consecutive semesters. Assessment: (1) 45 minutes concert performance (repertoire not to be counted in any other performance course), (2) program notes, (3) critique of concert (1000 words), (4) attendance at relevant concerts, classes, and rehearsals. Performance in lunch-time concerts in the Great Hall, MacLaurin Hall and the Old Darlington School. Students receive a written report, a tape of their performance, an advisory interview after each concert and corrections to program notes (all of which are meant to develop a scholarly, analytical research basis towards the practical performance of music).

**MUSC 3904 Musicology!**

4 credit points. Assoc Professor Marett. Semester: 1. Classes: 1.5 hour seminars/wk. Prerequisite: Pre or coreq: MUSC 2501 and 2502. or prerequisite of 16 senior credit points of Music or with permission of Chair of Department. Mandatory for all BA/BMus and BMus students and as a prerequisite for Music IV Honours (BA, BA/BMus or BMus). Corequisite: see prerequisites. Assessment: Critical readings (25% for oral presentation; 20% for written submission), bibliography assignment (40%), class participation (15%).

The course has two components: bibliography and critical readings in the musicology of western and non-western music. The bibliography provides preparation for students intending to write a research paper or thesis as part of 4th year Honours.

**MUSC 3905 Musicology 2**

4 credit points. Dr Scott-Maxwell. Semester: 2. Classes: 1.5 hour seminars. Prerequisite: MUSC 3904. Mandatory prerequisite for Music IV Honours (BA, BA/BMus or BMus). Assessment: Critical readings, annotated bibliography, literature review, research plan, class participation.

Critical readings in musicology and ethnomusicology and completion of a bibliographic and research proposal project.

**MUSC 3906 Special Studies in Ethnomusicology 1**

4 credit points. Associate Professor Marett. Semester: 1. Classes: 2 lectures/wk. Prerequisite: EITHER MUSC 2501 and MUSC 2502, OR 16 senior credit points of Music. Assessment: One 3000 word essay, a listening test (75%), one listening test (25%).

This unit will introduce students to ethnomusicological research method through the exploration of specific topics. Topics will be announced in the department but will involve detailed investigation of aspects of Australian Aboriginal music, Japanese music history and performance, or Indonesian music.

**MUSC 3907 Special Studies in Ethnomusicology 2**

4 credit points. Dr Scott-Maxwell. Semester: 2. Classes: 2 lectures/wk. Prerequisite: EITHER MUSC 2501 and MUSC 2502, OR 16 senior credit points of Music. Assessment: One 3000 word essay a listening test (75%), one listening test (25%).

This unit will provide students with a grounding in the research skills associated with a specified area of ethnomusicology, such as Japanese music history, Australian Aboriginal Music, Indonesian Music.

**MUSC 4011 Music Honours A**

12 credit points. Professor Boyd. Semester: 1,2. Classes: See Senior Seminar Options. Prerequisite: Average credit results in MUSC 1000, 1001 and EITHER 1002 and 1003 OR 1004 and 1005, MUSC 2022, 2104,3904,3905, one of MUSC 2105,2026,2021, and a further 44 Senior Music credit points. Prohibition: MUSC 4021, MUSC 4022, MUSC 4023, MUSC 4024, MUSC 4031, MUSC 4032, MUSC 4033, MUSC 4034, MUSC 4041, MUSC 4042, MUSC 4043, MUSC 4044. Assessment: See Senior Seminar Options.

*NB: Permission required for enrolment.*

Music Honours comprises 48 Senior credit points, namely a 15,000 word thesis (28 Senior credit points) and five Senior Music units (20 credit points).

**MUSC 4012 Music Honours B**

12 credit points. Semester: 1, 2. Prohibition: MUSC 4021, MUSC 4022, MUSC 4023, MUSC 4024, MUSC 4031, MUSC 4032, MUSC 4033, MUSC 4034, MUSC 4041, MUSC 4042, MUSC 4043, MUSC 4044. Refer to MUSC 4011

**MUSC 4013 Music Honours C**

12 credit points. Semester: 1,2. Prohibition: MUSC 4021, MUSC 4022, MUSC 4023, MUSC 4024, MUSC 4031, MUSC 4032, MUSC 4033, MUSC 4034, MUSC 4041, MUSC 4042, MUSC 4043, MUSC 4044. Refer to MUSC 4011

**MUSC 4014 Music Honours D**

12 credit points. Semester: 1,2. Prohibition: MUSC 4021, MUSC 4022, MUSC 4023, MUSC 4024, MUSC 4031, MUSC 4032, MUSC 4033, MUSC 4034, MUSC 4041, MUSC 4042, MUSC 4043, MUSC 4044.

Refer to MUSC 4011

## ■ PHIL

### PHIL 1010 Society, Knowledge and Reason

6 credit points. Dr Ivson Assoc Prof Redding Prof Gaukroger. Semester: 1. Classes: 2 hrs/wk. Tutorial 1 hr/wk. Prohibition: PHIL 1001 and PHIL 1002. Assessment: 1500 word essay and 2 hour exam. This unit is an introduction to central issues in political philosophy, theories of knowledge and methods of critical reasoning. 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 the nature of argument, validity and truth.

#### Textbooks

Readings will be available from the University Copy Centre.

### PHIL 1011 Reality, Ethics and Beauty

6 credit points. Dr Braddon-Mitchell Prof Gatens Dr Benitez. Semester: 2. Classes: 2 hrs/wk. Tutorial 1 hr/wk. Prohibition: PHIL 1003, 1004, 1006, 1008. Assessment: 1500 word essay, 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 aesthetic judgement and the value of beauty.

#### Textbooks

Readings will be available from the University Copy Centre.

### PHIL 1012 Introductory Logic

6 credit points. Dr Bacon. Semester: 2. Classes: 2 hrs/wk. Tutorial 1 hr/wk. Assessment: Weekly exercises and 2 hour exam.

The construction of valid deductive arguments involving sentence connectives and quantifiers, translated from English into logical notation.

#### Textbooks

Bacon, J. Basic Logic, vol.1; available from the University Copy Centre.

### PHIL 2004 Descartes and Continental Philosophy

8 credit points. Professor Gaukroger. Semester: 1. Classes: 2 hr lecture and 1 hr tutorial per week. Prerequisite: 12 Junior credit points in Philosophy. Prohibition: PHIL 3004 and PHIL 2002. Assessment: essay and exam.

Descartes is generally regarded as the founder of modern philosophy, and in this course 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 course 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 course, we will examine the ideas of his successors on selected metaphysical themes, above all on the mind/body question.

#### Textbooks

Primary:

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, Treatise on the Emendation of the Intellect and Selected Letters (Hackett Paperback)

Secondary:

S. Gaukroger, Descartes: An Intellectual Biography (Oxford U.P.)

J. Cottingham, The Rationalists (Oxford U.P. paperback)

#### Recommended Reading

J. Cottingham (ed.), The Cambridge Companion to Descartes (Cambridge U.P. paperback)

D. Garrett (ed.), The Cambridge Companion to Spinoza (Cambridge U.P. paperback)

N. Jolley (ed.), The Cambridge Companion to Leibniz (Cambridge U.P. paperback)

G.H.R. Parkinson (ed.), Roudedge History of Philosophy, Vol. 4: The Renaissance and Seventeenth-Century Rationalism (Roudedge)

### PHIL 2013 Plato and Aristotle

8 credit points. Dr Benitez. Semester: 2. Classes: 2 hr lecture + 1 hr tutorial per week. Prerequisite: 12 Junior credit points in Philosophy. Prohibition: PHIL 3013 and PHIL 2001. Assessment: essay and exam. An examination of the major philosophical themes to be found in the works of Plato and Aristotle, with close attention to a few central works. Emphasises understanding the ways these philosophers think rather than learning a body of doctrine.

#### Textbooks

Readings available from the University Copy Centre

### PHIL 2203 Elementary Logic

8 credit points. Dr Bacon. Semester: 2. Classes: 2 x 1 hr lectures + 1 hr tutorial per week. Prerequisite: 12 junior credit points in Philosophy. Prohibition: PHIL 3203, 2201, 3201. Assessment: weekly exercises and one 2 hr exam.

Criteria of valid reasoning: extensive practice applying rules of deduction to draw correct conclusions from given premises couched in a special symbolic language. Bom sentence connectives and quantifiers will be covered.

#### Textbooks

Bacon, John. Basic Logic (vol.1) Available from the University Copy Centre.

### PHIL 2213 Philosophy of Mind

8 credit points. Dr Russell Summer School Dr Braddon-Mitchell Semester 1. Semester: 1, Summer. Classes: 2 hr lecture + 1 hr tutorial per week. Prerequisite: 12 Junior credit points in Philosophy. Prohibition: PHIL 3213 and PHIL 2205. Assessment: essay and 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.

### PHIL 2215 Intermediate Logic

8 credit points. Dr McDermott. Semester: 2. Classes: 2 hr lecture + 1 hr tutorial per week. Prerequisite: 12 Junior credit points in Philosophy, and PHIL 1201 or PHIL 2201. Prohibition: PHIL 3215 and PHIL 2202.

Assessment: exam & exercises.

The axiomatic approach to classical logic. The focus is on proofs of the main metalogical results - consistency, completeness, etc - for the prepositional and predicate calculi.

#### Textbooks

Mendelson. Introduction to Mathematical Logic, van Nostrand

### PHIL 2216 Epistemology 2

8 credit points. Dr Bacon. Semester: 1. Classes: 2 hr lecture + 1 hr tutorial per week. Prerequisite: 12 Junior credit points of Philosophy including PHIL 1001. Assessment: Essay and exam.

What is knowledge, given the problem posed by Gettier counterexamples? To what extent does our knowledge depend upon a particular mode of organisation? How do we get knowledge, and how ought we to revise our knowledge claims?

#### Textbooks

Pappas, George & Marshall Swain, Essays on Knowledge and Justification, (Cornell 1978).

### PHIL 2219 Philosophy of Mathematics

8 credit points. Dr Heathcote. Semester: 2. Classes: 2hr lecture + 1 hr tutorial per week. Prerequisite: 12 Junior credit points in Philosophy.

Prohibition: PHIL 3219 and PHIL 2206. Assessment: essay and take home exam.

An examination of contemporary problems in the Philosophy of Mathematics. We will look at Nominalism, Platonism, Formalism and Construction in Mathematics, while also touching on the reduction of Mathematics to Set Theory and the significance of the Godel and Lob theorems.

#### Textbooks

To be made available through the University Copy Centre

### PHIL 2224 Meaning in History: Hermeneutic Theory

8 credit points. Dr Christensen. Semester: 2. Classes: 2 hrs/wk. Tutorial 1 hr/w. Prerequisite: 8 credit points in Philosophy. Assessment: Long essay of 6000 words or two short essays of 3000 words each.

What it is to understand texts, historical artefacts, works of art and human actions? Philosophical hermeneutics seeks to answer this question by interpreting the very structure of human life and experience as 'hermeneutical'. The views of Schleiermacher, Dilthey and Hans-Georg Gadamer will be examined in order to determine their similarities and differences and whether hermeneutics must succumb to historical relativism, or be too deferential towards tradition, hence inherently conservative. Criticisms by Eric Hirsh or Jacques Deirida will also be considered.

### PHIL 2226 Philosophy and Psychoanalysis

8 credit points. Dr Winfield. Semester: Summer. Classes: 2 hrs/w. Prerequisite: 12 Junior credit points in Philosophy. Prohibition: PHIL 2207/PHIL 3207. Assessment: Essay and 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

### PHIL 2239 Heidegger's Phenomenology

8 credit points. Dr Christensen. Semester: 1. Classes: 2hr lecture +1 hr tutorial per week. Prerequisite: 12 Junior credit points in Philosophy. Prohibition: PHIL 3239. Assessment: 6,000 words written work and class participation.

Heidegger famously asks what it means to be. We will attempt to determine what he means by this 'question of Being', concentrating on the first division of his work 'Being and Time', as well as the discussion of death and authenticity in the second division. Issues to be raised include Heidegger's critique of his teacher, Edmund Husserl, the relevance of Heidegger's work for cognitive science and whether Heidegger can be understood as an existentialist or a pragmatist.

#### Textbooks

Martin Heidegger, Being and Time (trans. J. Macquarrie & E. Robinson)

### PHIL 2512 History of Ethics

8 credit points. Dr Bacon. Semester: 1. Classes: 2 hr lecture + 1 hr tutorial per week. Prerequisite: 12 Junior credit points in Philosophy. Prohibition: PHIL 3512 and PHIL 2602. Assessment: essay and exam. The nature of duty and the good: how we ought to live and what is valuable in life. A selective survey of Western normative ethical theory from Plato to Mill.

#### Textbooks

Melden, A. I.: Ethical Theories, 2nd. ed. revised, (photocopies from department)

Kant, I.: Grounding for the Metaphysics of Morals (Hackett, Indianapolis 1981).

### PHIL 2513 Moral Psychology

8 credit points. Dr Braddon-Mitchell. Semester: 2. Classes: 2 hr lecture + 1 hr tutorial per week. Prerequisite: 12 Junior credit points in Philosophy. Prohibition: PHIL 3513. Assessment: Essay and take-home exam.

It's all very well to have a theory of the good or of ethical properties in general, but something has been left out if it is mysterious why people should be motivated to do good. If there is some important connexion between understanding ethics and wanting to do the right thing, then there must be in general connexions between ethics and psychology. This course explores them, and may include topics such as: internalism about ethics, weakness of the will, evolutionary ethics, indirect consequentialism and the nature of friendship.

### PHIL 2533 Theories of Modernity 1

8 credit points. Dr Grumley. Semester: 1. Classes: 2 hr lecture and 1 hr tutorial per week. Prerequisite: 12 junior credit points in Philosophy. Prohibition: PHIL 1007. Assessment: essay and 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 course is also intended as an introduction to the thinkers concerned while focusing in each case on their theorisation of modernity.

#### Textbooks

Readings will be available.

### PHIL 2535 Contemporary Political Philosophy

8 credit points. Prof Gatens. Semester: 1. Classes: 2 hr lecture and 1 hr tut per week. Prerequisite: 12 Junior credit points in Philosophy. Prohibition: PHIL 2501, PHIL 3501 & PHIL 3535. Assessment: Essay and take-home exam.

A critical introduction to the major schools of thought in contemporary political philosophy (utilitarianism, libertarianism, liberal egalitarianism, communitarianism etc) and to central problems in political philosophy such as the nature and justification of government, justice, equality, freedom and the role of cultural differences.

#### Textbooks

G Sher and B Brody (eds) Social and Political Philosophy:

Contemporary Readings, Fort Worth: Harcourt Brace, 1999

#### Recommended reading

W.Kymlicka, Contemporary Political Philosophy: An Introduction, Oxford: Clarendon Press, 1990.

### PHIL 3011 Kant

8 credit points. A/Professor Redding. Semester: 1. Classes: 2 hr lecture +1 hr tutorial per week. Prerequisite: 16 Senior credit points in Philosophy. Prohibition: PHIL 3021. Assessment: essay & take home exam.

An introduction to Kant's critical philosophy, focussing on his critique of traditional metaphysics in the 'Critique of Pure Reason'. The unit of study will involve close and systematic reading of this text. It will also seek to locate Kant's distinctive approach with respect to earlier and later metaphysical and epistemological positions, and to address disputes about the meaning and adequacy of his views. Some attention will be given to Kant's heritage in continental European philosophy, as well as contemporary Analytic commentaries.

#### Textbooks

Immanuel Kant. Critique of Pure Reason, trans Paul Guyer and Allen Wood, Cambridge University Press, 1998.

Recommended: S. Gardner Routledge Philosophy Guidebook to Kant and the Critique of Pure Reason, Routledge, 1999.

### PHIL 3012 Origins of Analytic Philosophy

8 credit points. Professor Gaukroger. Semester: 1. Classes: 2 hr lecture +1 hr tutorial per week. Prerequisite: 16 Senior credit points in Philosophy. Prohibition: PHIL 3022. Assessment: essay and exam.

Analytic philosophy shifted the central concern of philosophy from questions of knowledge to questions of meaning and interpretation, and the first part of the course looks at how Frege tried to show how the underlying structure of meaning could be captured. After looking at Frege's reshaping of philosophical thought, the focus will be on the very different ways in which the analytic and the phenomenological traditions, in the early stages of their development, took up Frege's anti-psychologism and his approach to the nature of meaning. The different contributions of Russell, Wittgenstein (in his Tractatus), and the logical positivists (especially Carnap), to the next stage in the development of analytic philosophy, where the logical underpinnings of linguistic meaning are explored, is covered in some detail. The final part of the course looks at the move to a radically new vision of analytic philosophy, in Wittgenstein's Philosophical Investigations.

The course has no prerequisites, but some grasp of elementary logic will be helpful. If you have not taken a formal logic course, you should look through an introduction to logic: Wilfred Hodges' Logic (Penguin) is recommended.

#### Textbooks

##### Primary:

Micheal Beaney, ed., The Frege Reader (Blackwell paperback, 1997)

Andiony Kenny, ed., The Wittgenstein Reader (Blackwell paperback, 1994)

##### Secondary:

Wolfgang Carl, Frege's Theory of Sense and Reference (Cambridge U.P. paperback, 1994)

J. Alberto Coffa, The Semantic Tradition from Kant to Carnap (Cambridge U.P. paperback, 1994)

Robert J. Fogelin, Wittgenstein (Routledge paperback, 1976)

### PHIL 3038 Hegel

8 credit points. Dr Grumley. Semester: 1. Classes: 2 hr lecture +1 hr tutorial per week. Prerequisite: 16 Senior credit points in Philosophy. Prohibition: PHIL 3509. Assessment: essay and take home exam.

This course will focus on Hegel's mature social and political ideas as present in Elements of a Philosophy of Rights. Hegel offers one of the great alternative conceptualisations of modern politics and state to the dominant classical liberal tradition. This course will contextualise his ideas in terms of both their own development and of Hegel's philosophy as a whole. However, the emphasis will be on a careful reconstruction of Hegel's mature political philosophy and his critique of his most important competitors both then and now.

#### Textbooks

Hegel G W F, Elements of the Philosophy of Rights, (Ed Wood A), CUP 1991

### PHIL 3212 Philosophy of Modern Physics

8 credit points. Dr Heathcote. Semester: 2. Classes: 2hr lecture + 1hr tutorial per week. Prerequisite: 16 senior credit points in Philosophy. Prohibition: PHIL 3223. Assessment: essay and take-home exam.

In this course we will look at quantum mechanics, through a study of its central paradoxes: the EPR situation, Schroedinger's Cat, Wave-Particle duality, etc. We will work through the book by R.I.G. Hughes, using Albert's book for some additional material. The course will involve learning the mathematical basis for QM - though the level of mathematical sophistication required will not exceed ordinary high school mathematics. Relativity theory

will be discussed only insofar as it bears upon the problem of interpreting quantum theory.

*Textbooks*

R.I.G.Hughes 'The Structure and Interpretation of Quantum Mechanics', Harcard Univ. Press; David Albert 'Quantum Mechanics and Experience' Harvard Univ Press.

**PHIL 3218 Pre-Honours Seminar**

8 credit points. Associate Professor Redding and Dr Braddon-Mitchell. Semester: 2. Classes: 2 hr lecture +1 hr tutorial per week. Prerequisite: 24 Senior credit points in Philosophy. Assessment: class participation, including seminar presentation; long essay (6,000 words). A study of selected issues and texts of broad importance and interest in contemporary philosophy. This course is intended for students considering an Honours year in Philosophy. Much of the course will be taught in seminar format, in which students will be expected to present short discussion papers.

*Textbooks*

Readings available from the department.

**PHIL 4011 Philosophy Honours A**

12 credit points. **Semester: 1,2. Prerequisite:** 48 points of Philosophy at Senior level, with a credit average or better, and including 8 points from each of the three programs (History of Philosophy; Epistemology, Metaphysics & Logic; Moral & Political Philosophy). Intending Honours students are strongly encouraged to take the Pre-honours Seminar (PHIL 3218), and to discuss their course 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.

*NB: Permission required for enrolment.*

The requirements are five of the units listed below, together with a thesis on an approved topic (10,000 to 15,000 words, equivalent to three units). The thesis must be supervised by a member of the Department and students are encouraged to contact appropriate staff early in the year.

**Origins of Analytic Philosophy**

Prof Gaukroger. Semester: 1. For details see PHIL 3012.

**Hegel**

Dr Grumley. Semester: 1. For details see PHIL 3038.

**Cosmopolitanism and Community**

Dr Ivison. Semester: 1.

Should we think of our moral and political obligations as limited by our membership in particular communities? Should we define our conceptions of moral and political community according to particular cultural or national characteristics, or in terms of a shared common humanity? Do we have special obligations to our compatriots or general obligations to humanity as a whole? What is the relation between universal principles and local practices, and what are the consequences for our conceptions of practical reason? We shall explore these questions, and others, through an engagement with the arguments of leading contemporary moral and political philosophers.

Texts: Readings will be distributed in class.

**Kantian Aesthetics**

Prof Markus. Semester: 1.

Kant's 'Critique of Aesthetic Judgment' (the first part of his 'Critique of Judgment') represents one of the classical texts of philosophical aesthetics, still in the centre of contemporary debates. The course - in the form of a seminar based on the active participation of students - aims at the detailed reconstruction of Kant's argumentation and the broad discussion of the relevance of his theory.

Literature: I. Kant, *The Critique of Judgment*, Transl. by W.S. Pluhar. Indianapolis, Hackett Publ.

**Concepts and Conceptual Change**

Dr Braddon-Mitchell. Semester: 1.

This course examines the nature of concepts. It asks questions from both the philosophical side of debates and from the cognitive sciences. Questions to be discussed include What is a concept? What is the connection between concepts and thoughts? Can a concept change in important ways and yet remain the very same concept? Examples will be drawn from the philosophy of mind, ethics and metaphysics.

**Kant**

Assoc Prof Redding. Semester: 1. For details see PHJL 3011.

**Ayer & Quine**

Dr McDermott. Semester: 2.

Positivist views on meaning, and Quine's attack on them.

**Time Consciousness and Temporality**

Dr Christensen. Semester: 2.

We shall examine Husserl's and Heidegger's accounts of time consciousness and temporality. In addition to exegesis of the relevant texts, we shall delve into the historical background to these theories; viz., accounts of the perception of time and space in previous thinkers, such as Kant, James, Stumpf and Helmoltz.

**Recent American Pragmatism**

Assoc Prof Redding. Semester: 2.

In this course we will examine the work of Wilfrid Sellars and philosophers influenced by him, including Richard Rorty.

**Philosophy of Modern Physics**

Dr Heathcote. Semester: 2. For details see PHIL 3212.

**Locke and Natural Philosophy**

Dr Anstey. Semester: 2.

This unit will explore the importance and impact of John Locke's interest in and practice of natural philosophy on his major philosophical work, 'An Essay Concerning Human Understanding'. It will examine the medical philosophy that Locke developed with Thomas Sydenham, Locke's interactions with the corpuscularianism of Boyle and the impact of Newton's 'Principia' on later editions of the 'Essay'. Topics discussed will include Locke's view of the prospects of scientific knowledge, the theory of qualities, the theory of space, the nature of substance and the nature of mind.

Readings will be distributed in class.

**PHIL 4012 Philosophy Honours B**

12 credit points. Semester: 1,2.

See PHIL 4011

**PHIL 4013 Philosophy Honours C**

12 credit points. Semester: 1,2.

See PHIL 4011

**PHIL 4014 Philosophy Honours D**

12 credit points. Semester: 1,2.

See PHIL 4011.

■ **PRFM**

**PRFM 2001 Histories of Theatre and Performance**  
8 credit points. Dr Maxwell. Semester: 1. Classes: (2 lectures, 1 tutorial) week. Prerequisite: 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.

Assessment: Take home examination and tutorial assignment. In this unit of study, students are introduced to some key periods in the history of theatre and performance, with the aim of contextualising current Australian practices. Students are introduced to anthropological and intercultural perspectives in order to locate theatre and other genres within a broad spectrum of performance. Additionally, this unit of study addresses methodological issues concerning the historiography of performance, with particular attention paid to sources other than play-texts.

**PRFM 2002 The Performance Process**

8 credit points. Dr Dwyer. Semester: 2. Classes: (2 lectures & 2 workshops)/week. Prerequisite: 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. Assessment: One 2,500w essay and exam.

This unit of study examines the elements of performance in mainstream Western theatre practice, with reference to other performance traditions; the place of the text, the impact of space and visual elements, the work of the actor and director in rehearsal and performance and the role of the spectator in the construction of meaning. The lectures are supplemented by a 2-hour workshop each week in which the analytical concepts are explored in practice. Students will also attend performances at a number of Sydney theatres in order to undertake performance analysis.

**PRFM 3002 Documentation of Performance**

4 credit points. **Semester: 2. Classes:** 2 hours/week. **Prerequisite:** PRFM 2001 and PRFM 2002. **Assessment:** One 2500 word essay and assignment.

Video has brought new opportunities and new problems to theatre practitioners and theatre scholars. In this unit of study we explore aesthetic, political and ethical questions in relation to the recording of live performance; students gain 'hands-on' experience in using both video and still photography to document

performance, and assess the value of different modes of documentation for archival and analytical purposes.

### PRFM 3005 Flexible Performance

4 credit points. Associate Professor Fitzpatrick. **Semester: 1. Classes:** 2 hours/week. **Prerequisite:** PRFM 2001 & PRFM 2002. **Assessment:** One 2500 word essay and assignment.

An examination of the performance processes of the 'Commedia deU'Arte' involving analysis of scenarios and other documents, practical exploration of masked performance, and theoretical consideration of acting techniques.

### PRFM 3012 Sociology of Theatre

4 credit points. Dr Maxwell. **Semester: 2. Classes:** 2 hours/week. **Prerequisite:** PRFM 2001 and PRFM 2002. **Assessment:** One 2500 word essay and fieldwork presentation.

How is theatre made? What factors, influences and institutions constitute the field of theatrical production in any given context? This unit will move beyond the rehearsal room and performance space to examine the contexts within which theatrical practice takes place.

Practical: Fieldwork.

### PRFM 3013 Feminist Performance Theory

4 credit points. **Semester: 2. Classes:** 2 hours/week. **Prerequisite:** PRFM 2001 and PRFM 2002. **Assessment:** One 2500 word essay and assignment.

In this option we will examine the development of feminist performance theory in the 80s and 90s and explore the relationship between theory and practice in feminist stagings and restagings. Issues such as gender, race, class and sexuality in performance will be considered. Analysis and discussion of contemporary theatre and performance work in Sydney will be included, based on class excursions.

### PRFM 3016 The Playwright in the Theatre

8 credit points. **Semester: 1. Classes:** (1 lecture, 2 workshops)/week. **Prerequisite:** PRFM 2001 and PRFM 2002. **Assessment:** Two 2500 word assignments.

In the mainstream European tradition the text is central to performance, but this centrality is achieved in different ways in different historical periods. This unit of study will consist of a theoretical, historical and to some extent practical examination of the interaction between playwright, text, performance space and performance processes. It will consider both 'engaged' playwrights such as Shakespeare (writing for a particular performance space and acting company of which he was a member) in contrast to the 'disengagement' of the modern playwright (often excluded from performance processes). Examination of the role and status of the writer in contemporary Australian theatre and performance will be undertaken, including some consideration of the writer as dramaturg/dramaturg as 'writer' and the writer (and/or director) as translator/adaptor of texts.

### PRFM 3022 Theories of Acting

8 credit points. Dr Maxwell. **Semester: 2. Classes:** 3 hours/week. **Prerequisite:** PRFM 2001 & PRFM 2002. **Assessment:** 3000 word essay; seminar/workshop presentation and report.

This unit of study will explore theories of theatre from Aristotle through to post-modernism, with a particular focus upon approaches to, practices and theories of, acting. In addition to this historical focus, we will develop critical perspectives, drawing on ethnography and theories of subjectivity to understand the 'implicit theories of acting' operating within particular cultural and historical milieus.

#### Textbooks

Zarrilli, Phillip B *Acting (Re)Considered: Theories and practices*

### PRFM 3024 Performing Asia

8 credit points. **Semester: 2. Classes:** 4 hours/week for 11 weeks plus one compulsory weekend workshop. **Prerequisite:** PRFM 2001 & PRFM 2002 or 8 senior credit points in Asian Studies. **Assessment:** One 2500 word essay, one 3500 word small-group assignment, participation in classwork.

This course will explore manifestations of the Ramayana and Mahabharata in Southeast Asia, focussing on ways that identities are performed locally, nationally and internationally and also ways that performers and analysts from Asia approach and discuss the phenomenon of performance. We will pay particular attention to transfer and interpretation within Southeast Asia, but also by others looking in.

### PRFM 3025 Anthropology of Performance

8 credit points. Dr Lewis. **Semester: 1. Classes:** 3 hours/week. **Prerequisite:** PRFM 2001 and PRFM 2002. **Assessment:** 2 short essays (2,500 words).

In the past two decades, 'performance' has emerged as a central concept in several disciplines of humanistic study. Work in anthropology has been influenced by similar interests in theatre, linguistics, the fine arts, gender studies, and sociology, to name a few. Initially the class will examine bodies of theory which have been used to focus these interests, including: semiotics, discourse, communication, social action, interaction, frame analysis, ritual, play, and so forth. The key question will be how these theoretical perspectives can converge to help (or hinder) ethnologists describe and understand given performance genres and culture in general. The class will use films, and when possible, observe live performances as part of this analytical project, and we will also read some recent performance-centred ethnographies to confront special problems in the written representation of partially or wholly non-verbal events.

### PRFM 3026 Playing Politics

8 credit points. Dr Dwyer. **Semester: 1. Classes:** 4 hours/week. **Prerequisite:** PRFM 2001 and PRFM 2002. **Assessment:** One 4000 word essay and a seminar paper (approx 1500 words) to follow up class presentation.

Many theatre practitioners and performance artists have sought to make their work an explicit cultural intervention into movements of social and political change. Here we will critique in detail, and to some extent explore practically, the strategies adopted by a number of key artists and companies, both past and present - from Brecht to Boal; from 'community theatre' to 'contemporary performance'. We will also consider some performance aspects of larger-scale protest movements, together with the theatricalising of politics in general.

### PRFM 3901 Rehearsal Studies

4 credit points. **Semester: 1. Classes:** 2 hours/week. **Prerequisite:** Credit results in PRFM 2001 & PRFM 2002. **Corequisite:** PRFM 3902 and 16 credit points in PRFM 3000 level units. **Assessment:** One 2500 word essay, seminar presentation.

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.

Practical: 2 weeks full time attendance at performance project.

### PRFM 3902 Rehearsal to Performance

4 credit points. **Semester: 2. Classes:** full time attendance for 2 weeks in the July break and 2 hours/week for the first 6 weeks of session. **Prerequisite:** PRFM 3901 and credit results in PRFM 2001 and PRFM 2002. **Corequisite:** 16 credit points in PRFM 3000 level units. **Assessment:** casebook of rehearsal process.

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.

Practical: full time attendance for 2 weeks in the July break.

### PRFM 4011 Performance Studies Honours A

12 credit points. **Semester: 1,2. Prerequisite:** Credit results in PRFM 3901 and PRFM 3902, and credit average in a further 32 credit points of PRFM units. **Assessment:** 5000 words in essays and papers per unit of study; written casebook on fieldwork experience (approximately 10,000 words); long essay (approximately 10,000 words).

*NB: Permission required for enrolment.*

The Honours year attempts to bring theory and practice together in mutually illuminating ways, and students are encouraged to participate actively in the workshops and master classes arranged by the Department of Performance Studies through the year.

Honours requirements are:

- Embodiment
- Critical Theory and Performance
- Contemporary Performance.

Each of these units of study involves:

- one two-hour seminar per week for one semester and 5000 words in essays and papers

- Casebook to be written after placement in a professional company to observe a full rehearsal process (approximately 10,000 words)
- Participation in the workshop program (one day per week for 12 weeks)
- Long essay (approximately 10,000 words) incorporating analysis of performance practices observed and experienced.

#### *Embodiment*

Dr L Lewis. Classes: 2 hours/week. Assessment: One 5000 word essay. Semester 1.

Theories which rethink the mind/body distinction, so long dominant in western academia, have abounded in many disciplines in the last 20 years. An initial interest in bodies and conceptions of bodies has given way, in many cases, to a focus on the process of human embodiment, seen as an existential problem. This unit of study will examine a spectrum of embodiment theories (especially European and American phenomenologies, but also poststructuralist and feminist ideas) which have been applied to performance practices, broadly conceived, in a range of sociocultural settings. A serious engagement with these approaches will lead to a problematics of the theory-practice dichotomy itself.

#### *Critical Theory and Performance*

Dr I Maxwell. Classes: 2 hours/week. Assessment: One 5000 word essay. Semester I

Performance Studies, as an emerging discipline, has drawn upon a wide range of theoretical positions and resources, from semiotics to New Historicism, cultural studies, feminism, psychoanalysis, discourse theory, deconstruction, phenomenology and hermeneutics. In this unit, we will read some key theoretical texts, and look at how they have been applied to the analysis of performance.

#### *Contemporary Performance*

Dr P Dwyer. Classes: 2 hours/week. Assessment: One 5000 word essay. Semester 1.

This unit examines the history, development and theoretical influences on contemporary performance genres, with a specific focus on work happening in Sydney. We will take advantage of the Department of Performance Studies' program of visiting artists to develop analyses and an understanding of how new work is developed.

#### *Long essay (approximately 10,000 words)*

To be written on a topic selected by the candidate after discussion with the Honours Coordinator and the approved supervisor.

#### *Fieldwork*

Fieldwork placements will be arranged by the Project Coordinator at the Department of Performance Studies. Intending students should discuss their interests with the Honours Coordinator and with the Project Coordinator as early as possible in the year.

Practical: Workshops and placement in a theatre company to observe a creative process in progress.

#### **PRFM 4012 Performance Studies Honours B** 12 credit points. **Semester: 1,2.**

*NB: Permission required for enrolment.*

Refer to PRFM 4011

#### **PRFM 4013 Performance Studies Honours C** 12 credit points. **Semester: 1,2.**

*NB: Permission required for enrolment.*

Refer to PRFM 4011

#### **PRFM 4014 Performance Studies Honours D** 12 credit points. **Semester: 1,2.**

*NB: Permission required for enrolment.*

Refer to PRFM 4011

## ■ RLST

#### **RLST 1001 Introduction to History of Religions (A)**

6 credit points. Dr Swain, Dr Cusack. **Semester: 1. Classes:** 3 lectures and 1 tutorial/week. **Assessment:** one 1 hour exam, one 2,000w essay, one tutorial paper.

This unit of study examines the religious traditions of Oceania (especially Aboriginal Australia and Melanesia) and the East (India, China and Japan). Students specialise in traditions and themes of their own choice in writing essays.

#### **RLST 1002 Introduction to History of Religions (B)**

6 credit points. Dr Swain, Dr Cusack. **Semester: 2. Classes:** 3 lectures and 1 tutorial/week. **Prerequisite:** RLST 1001. **Assessment:** one 1 hour exam, one 2,000w essay, one tutorial paper.

A general introduction to the emergence of the great religious traditions in the ancient world, with specific reference to the Middle East and the Mediterranean region. The unit of study includes the ancient religions of Egypt, Persia, Greece and Rome, as well as the foundations of Judaism, Christianity and Islam. Students are expected to specialise in traditions and themes of their own choice in writing essays.

#### **RLST 1004 New Religious Movements**

6 credit points. Dr Cusack, Prof Trompf. **Semester: 2. Classes:** 2 hour lecture & 1 hour tutorial/week. **Corequisite:** RLST 1002. **Assessment:** One 2,000w essay, take-home exam, tutorial participation.

An introduction to the study of twentieth century new religious movements. The course will cover ISKCON, The AnandaMarga, Rastafarianism, and the New Age among others. It will examine the controversies that have surrounded new religious movements (including brainwashing, deprogramming, the role of the media in religious controversy, and religion and the law).

#### **RLST 2001 Myth and Religion of the Germans**

8 credit points. Dr Cusack. **Semester: 1. Classes:** 2 hour lecture and 1 hour tutorial/week. **Prerequisite:** 18 junior credit points. **Assessment:** one 3,500w essay, one 1,500w text assignment, tutorial participation and presentation.

Investigates the mythology and religious practices of the Germanic peoples. The time frame ranges from the prehistoric type site of Jastorf (350 BCE) to the writing of the Eddas in thirteenth century Iceland. A variety of sources will be used: archaeological material; texts (both by outside observers and written from within the tradition itself); folkloric survivals; and mythology from related Indo-European peoples. The unit of study will consider deities and the supernatural; sacred times and places; the institutions of kingship and the priesthood; the role of the divine feminine; death and the afterlife; and the conversion of the Germanic peoples to Christianity.

#### **RLST 2002 Myth and Religion of the Celts**

8 credit points. Dr Cusack. **Semester: 2. Classes:** 2 hour lecture and 1 hour tutorial/week. **Prerequisite:** 18 junior credit points. **Assessment:** one 3,500w essay, one 1,500 text assignment, tutorial participation and presentation.

Investigates the mythology and religious practices of the Celtic peoples. The time frame ranges from the great Celtic prehistoric sites of Hallstatt (750-500 BCE) and La Tene (500 BC) to the flowering of medieval Irish and Welsh Christianity. A variety of sources will be used: archaeological materials; texts (by Classical and Christian observers and from within the Celtic tradition itself); folkloric survivals; and mythology from related Indo-European peoples. The unit of study will consider deities and the supernatural; sacred times and places; the institutions of kingship and the priesthood; the role of the divine feminine; death and the afterlife; and the conversion of the Celtic peoples to Christianity.

#### **RLST 2003 Classical Hinduism**

8 credit points. Dr Oldmeadow. **Semester: 1. Classes:** 2 hour lecture and 1 hour tutorial/week. **Prerequisite:** 18 junior credit points. **Assessment:** 3,500w essay, 1,000w tutorial paper and participation, 1,500w take-home examination.

This unit of study examines the origins and development of Hindu traditions on the Indian subcontinent, from the time of the Indus Valley Civilisation until the medieval period. The unit of study examines the Vedic period and then via the teachings of the Upanishads traces the emergence of theistic traditions centred on Shiva, Vishnu and the Goddess; and non-theistic traditions centred on Brahman as the impersonal ground of reality. Traditions which stress engagement in the world, and traditions focussed on renunciation and the development of ascetic techniques aimed at liberation from the world, will be examined; as will the epic and dramatic traditions which find expression in the Ramayana, the Mahabharata and the major Puranas. The synthesis of epic and philosophy in the Bhagavad Gita will be an object of special study.

#### **RLST 2005 From Damascus to Dante: Christianity (A)**

8 credit points. Dr Gardner, Professor Trompf and others. **Semester: 1. Classes:** 2 hours lecture & 1 hour tutorial/week. **Prerequisite:** 18 junior credit points. **Assessment:** Two 2000w essays, 2 hour exam, participation.

From Origins to the Early Renaissance. A survey of the chief landmarks of the Christian religion in its social setting, in terms

of its significant beliefs, experiences and diverse cultural expressions. A third hour will be devoted to an exploration of some major philosophical and theological themes from the early centuries of Christianity to the Middle Ages.

#### Textbooks

Required: MacManners, John (ed.), *The Oxford History of Christianity*, Oxford University Press, 1993

#### RLST 2009 Buddhism (A)

8 credit points. Dr Crangle. **Semester: 2. Classes:** 2 hour lecture & 1 hour tutorial/week. **Prerequisite:** 18 junior credit points. **Assessment:** 3,500w essay, 1,000w paper and participation, 1,500w take-home examination.

Examines the development of Buddhist traditions with a primary focus on India. The unit of study begins with a survey of the religious background in India at the time of the Buddha before moving on to consider his life, his teachings and the community he established. The development and spread of Buddhism within the Indian subcontinent and beyond it will be examined in the context of the changing philosophical concerns and modes of religious practice of both Theravada and Mahayana Buddhism. Traditional and contemporary meditation practices will be examined as will the question of Buddhist attitudes towards nature and the possible contribution of Buddhism to environmental philosophy.

#### RLST 2010 Buddhism (B)

8 credit points. Dr Oldmeadow. **Semester: 2. Classes:** 2 hour lecture & 1 hour tutorial/week. **Prerequisite:** 18 junior credit points. **Assessment:** 3,500w essay, 1,000w paper and participation, 1,500w take-home examination.

Provides an overview of the traditions of Buddhism known as the Mahayana (Great Way) which developed in India and from there spread to Tibet, Central Asia, China, Mongolia, Vietnam, Korea and Japan. The unit of study comprises three broad areas of study. In the first, the development and rise to dominance of the Mahayana in India will be examined. The scriptures, schools of philosophy, and the path of the Bodhisattva intent on the awakening of all beings will be central. In the second, the transmission and elaboration of Buddhism in Tibet will be the focus with particular reference to the function of the lama, the four major schools and to Tantrism. In the third, the Buddhism of the Far East will be examined. The role of the Lotus Sutra, Chan (Zen) Buddhism, and Buddhist devotionalism will be explored.

#### RLST 2011 Monotheism: Judaism and Islam

8 credit points. Dr Gardner. **Semester: 2. Classes:** 2 hour lecture & 1 hour tutorial/week. **Prerequisite:** 18 junior credit points. **Assessment:** 2 x 2000w essays, tutorial paper and participation.

This unit of study addresses the historical, socio-cultural and theological development of these two monotheistic religions. It is comparative and thematic in approach, examining the ways in which both these traditions deal with topics such as God and transcendence, faith and reason, human potential and human relations, the natural world and progress. Textual study (in English translation) will include extracts from scriptural, ethical, mystical and literary works.

#### RLST 2012 Dualism: Zoroaster, Gnosis & Manichaeism

8 credit points. Dr Gardner. **Semester: 1. Classes:** 2 hour lecture & 1 hour tutorial/week. **Prerequisite:** 18 junior credit points. **Assessment:** 2 x 2000w essays, tutorial paper and participation.

Provides an overview of the Zoroastrian, Gnostic and Manichaean traditions, with particular emphasis on certain topics and themes. Such include: Zoroaster and the context of Indo-Iranian religion; Christian gnosis; Hermeticism and alchemy; Manichaeism; dualism and the problem of evil; apocalypse and eschatology.

#### RLST 2013 Philosophy-Religion(A)-Existence of God

8 credit points. **Semester: 1. Classes:** 2 hour lecture & 1 hour tutorial/week. **Prerequisite:** 18 junior credit points. **Assessment:** 2 x 3,000w essays.

Examines a number of topics that are traditionally taken to demarcate the philosophy of religion. Primary among these are questions concerning the existence of God and questions concerning the nature of religious language and faith. We will ask: Can belief in God be rationally justified? Are words about God meaningful? What role does faith play in religion? What are the implications of religious pluralism for religious faith? Our analysis will focus upon arguments within Western philosophy, and hence upon the Christian tradition which underlies such discussion.

#### Textbooks

Klemke, E.D., *To Believe or Not to Believe: Readings in the Philosophy of Religion*

#### RLST 2014 Philosophy-Religion(B)-Reason and Belief

8 credit points. **Semester: 2. Classes:** 2 hour lecture & 1 hour tutorial/week. **Prerequisite:** 18 junior credit points. **Assessment:** 2 x 3,000w essays.

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?

#### RLST 2020 Religion and Contemporary Crisis

8 credit points. Professor Trompf. **Semester: 1. Classes:** 2 hour lecture/week. **Prerequisite:** 18 junior credit points. **Assessment:** Two 2,500w assignment/essay or one 5000w essay.

The twentieth century faced an unprecedented range of near-global crises - wars, depression, communist-capitalist confrontation, ethnic conflict, epidemics, ecological disasters, extraordinary technological advance, sharpened north/south inequalities, the radical questioning of traditional values (along with secularisation) followed by reactive fundamentalisms, as well as serious tensions between modern science and religious conservatism. This unit considers how these crises (or rather a selection of them chosen for a semester's work) have been addressed in religious thought and action. It will discuss popular mentalities and new spiritualities together with responses in the thought and praxis of leading religious figures.

#### Textbooks

Suter, K., *Global Change*  
Trompf, G.W. (ed.), *Islands and Enclaves*

#### RLST 2022 Chinese Religions

8 credit points. Dr Swain. **Semester: 1. Classes:** 2 hour lecture and 1 hour tutorial/week. **Prerequisite:** 18 junior credit points. **Assessment:** One 3,000 word essay, tutorial presentation.

This course is a general historical and phenomenological introduction to religious life in China. It spans from pre-dynastic China to the present day and examines the religious elements of domains as diverse as agriculture and art, elite society and popular ritual, philosophy and divination, empire and rebellion. It follows the development of the indigenous Confucian and Taoist traditions while also observing the introduced religions which include Buddhism, Christianity and Islam.

#### RLST 2023 Introduction to Meditative Practices

8 credit points. Dr Crangle. **Semester: 2. Classes:** 2 hour lecture & 1 hour tutorial/week. **Prerequisite:** 18 junior credit points. **Assessment:** one 2,500w essay, tutorial paper, examination.

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.

#### RLST 2024 The Birth of Christianity

8 credit points. Dr Gardner, Professor Trompf. **Semester: 1. Classes:** 2 hour lecture & 1 hour tutorial/week. **Prerequisite:** 18 junior credit points. **Assessment:** 2 x 2,000w essays, tutorial paper and participation.

Christianity can claim to be the most successful of the world's religions, despite its apparently inauspicious beginnings. This unit will discuss textual, archaeological and socio-cultural evidence for its origins; 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 straggle towards self-identity with reference to both Judaism and the Graeco-Roman world.

#### RLST 2025 Religion and the Arts

8 credit points. Dr Swain. **Semester: 2. Classes:** 2 hour lecture & 1 hour tutorial. **Prerequisite:** 18 junior credit points. **Assessment:** 2 x 3,000w essays, tutorial participation.

An investigation into the various ways in which the arts - music, dance, literature and visual art - relate to religious life. Lectures and tutorials will introduce students to the world of religion and art in the traditions of China, India, the Middle East and Europe. The interpretation will particularly focus upon the way a people's understanding of the sacred shapes the significance they give to the arts.

**RLST 2026 Witchcraft, Paganism and the New Age**  
8 credit points. Dr Cusack. Semester: 1. Classes: 2 hour lecture & 1 hour tutorial/week. Prerequisite: 18 junior credit points. Assessment: One 1,500 book review, one 3,000w essay, tutorial participation. The rebirth of paganism progressed steadily throughout the twentieth century. Pagans celebrate diversity and heterogeneity, in sharp contrast to the major Western traditions which were exclusive and doctrinally prescriptive. The interrelationships between pagans, goddess worshippers and witchcraft/occultism are fascinating and labyrinthine. This course will explore three areas of modern religion, and attempt to assess the importance of their contribution for the future of religion.

**RLST 4011 Religious Studies Honours A**  
12 credit points. Semester: 1,2. Classes: 2hr seminar. Prerequisite: Credit or above results in 48 senior credit points of Religion which must include RLST 3001. Assessment: One 3 hr exam, one 5,000w essay. *NB: Permission required for enrolment.*  
The Honours program has the following constituent elements:  
Thesis of 12,000-15,000 words;  
One 6000 level class each semester (see department for a list of units of study).  
Seminar each semester: problems of method in the study of religion, viz.  
(a) Recent history of the non-confessional approach to the study of religion, with particular reference to the rise and fall of evolutionary theory and to the methods and approaches of the phenomenology of religion.  
(b) Alternative methodological approaches to the study of religion.

**RLST 4012 Religious Studies Honours B**  
12 credit points. Semester: 1,2.  
*NB: Permission required for enrolment.*  
Refer to RLST 4011

**RLST 4013 Religious Studies Honours C**  
12 credit points. Semester: 1,2.  
*NB: Permission required for enrolment.*  
Refer to RLST 4011

**RLST 4014 Religious Studies Honours D**  
12 credit points. Semester: 1,2.  
*NB: Permission required for enrolment.*  
Refer to RLST 4011

## ■ RSSN

**RSSN 1003 Introduction to Russian**  
6 credit points. Dr Ryan. Semester: 1. Classes: 2 hour lecture, 2 hour tutorial, 1 hour conversation, 1 hour language laboratory. Assessment: Assignments, tests, and end of semester examination. An introductory unit designed for students with little or no previous knowledge of Russian. Basic language skills are developed (oral and written). Students are introduced to the basic traits of the Russian phonological and morphological system.  
*Textbooks*  
Bitckhtina G, Davidson D, Dorofeyeva T, Fedyanina N, Russian Stage One. 2 Vols. Textbook and Exercises. (Moscow Russian Language Publishers).

**RSSN 1004 Elementary Russian**  
6 credit points. Dr Ryan. Semester: 2. Prerequisite: RSSN 1003 or permission from Department.  
This unit is a continuation of RSSN 1003, covering the main concepts of Russian grammar and a vocabulary of about 1200 words. The unit will stress all four skills: speaking, reading, writing and translating from and into Russian.

*Textbooks*  
Refer to RSSN 1003.

**RSSN 2001 Russian Language 1**  
8 credit points. Dr Ryan. Semester: 1. Prerequisite: RSSN 1004.  
This is an intermediate Russian unit involving further study of grammar, developing the skills of written and oral expression and ability to read simple literary works.

*Textbooks*  
Refer to RSSN 1003.

**RSSN 2002 Russian Language 2**  
8 credit points. Dr Ryan. Semester: 2. Prerequisite: RSSN 2001.  
This is a second intermediate unit involving further study of grammar, developing the skills of written and oral expression and ability to read simple literary works.

*Textbooks*  
Refer to RSSN 1003.

## ■ SANS

**SANS 1001 Sanskrit Introductory 1**  
6 credit points. Dr Oldmeadow. Semester: 1. Classes: 3 hrs/week. Assessment: One 3hr exam.  
*NB: Permission required for enrolment.*  
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. Students will be expected to devote a minimum of eight hours a week in home study.

*Textbooks*  
G. Hart A Rapid Sanskrit Method (Motilal Banarsidass)  
**SANS 1002 Sanskrit Introductory 2**  
6 credit points. Dr Oldmeadow. Semester: 2. Classes: 3hrs/week. Prerequisite: SANS 1001. Assessment: one 3 hr exam.  
*NB: Permission required for enrolment.*

This unit is an extension of work done in SANS 1001. By the end of the unit students will have covered the grammar necessary for reading simple Sanskrit texts.

**SANS 2001 Sanskrit Intermediate 1**  
8 credit points. Dr Oldmeadow. Semester: 1. Classes: 3hrs/week. Prerequisite: SANS 1002. Assessment: one 3 hr exam.  
This unit will complete the more advanced grammatical forms in the first few weeks 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*  
C. R. Lanman A Sanskrit Reader, 2nd edn. (Satguru Publications, 1983)  
**SANS 2002 Sanskrit Intermediate 2**  
8 credit points. Dr Oldmeadow. Semester: 2. Classes: 3hrs/week. Prerequisite: SANS 2001. Assessment: one 3 hr exam.  
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, Hitopadesha, and Mahabharata.

*Textbooks*  
CR. Lanman A Sanskrit Reader 2nd edn (Satguru Publications, 1983)  
**SANS 2901 Sanskrit Research Preparation 1**  
4 credit points. Dr Oldmeadow. Semester: 1. Prerequisite: Credit result in SANS 1002. Corequisite: SANS 2001. Assessment: Two hour examination.  
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 Pali and Sanskrit texts in their original language.

**SANS 2902 Sanskrit Research Preparation 2**  
4 credit points. Dr Oldmeadow. Semester: 2. Prerequisite: SANS 2901, Cf ed it result in S<sup>M</sup>  
hour examination.  
This unit builds on materials covered in SANS 2901.

**SANS 3001 Sanskrit Advanced 1**  
8 credit points. Dr Oldmeadow. Semester: 1. Classes: 3hrs/week. Prerequisite: SANS 2002. Assessment: one 3 hr exam.  
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.

**SANS 3002 Sanskrit Advanced 2**  
8 credit points. Dr Oldmeadow. Semester: 2. Classes: 3hrs/week. Prerequisite: SANS 3001. Assessment: one 3 hr exam.



This unit will be devoted to reading a range of Sanskrit literature including the commentarial literature. Readings will be drawn from texts such as the Raghuvamsa, Bodhicaryavatara and the Upanishads.

### SANS 3901 Sanskrit Research Preparation 3

4 credit points. Dr Oldmeadow. Semester: 1. Prerequisite: Credit result in SANS 2002, SANS 2901, SANS 2902. Corequisite: SANS 3001. Assessment: Two hour examination.

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 Pali and Sanskrit texts in their original language.

### SANS 3902 Sanskrit Research Preparation 4

4 credit points. Dr Oldmeadow. Semester: 2. Prerequisite: SANS 3901, Credit result in SANS 3001. Corequisite: SANS 3002. Assessment: two hour examination.

This unit builds on material covered in SANS 3901.

### SANS 4001 Sanskrit IV Honours A

12 credit points. Semester: 1,2. Prerequisite: Credit results in SANS 2901, SANS 2902, SANS 3901, SANS 3902.

*NB: Permission required for enrolment.*

Honours *TV* in Sanskrit comprises three components:

1. Old and Middle Indo-Aryan Language Study, involving elements from the Sanskrit 2900 and 3900 units and Sanskrit 3000 units arranged in consultation with the Department. Assessment will involve two three-hour examinations.
2. Research methodology in Indology and related disciplines. This will involve independent reading, discussion with research supervisor and attendance at seminars and lectures as arranged in consultation with the Department. Assessment will involve two essays of approximately 3000 words.
3. A diesis of approximately 15,000 words to be presented at the end of second semester on a research topic chosen in consultation with the Department.

### SANS 4002 Sanskrit IV Honours B

12 credit points. Semester: 1,2.

### SANS 4003 Sanskrit IV Honours C

12 credit points. Semester: 1,2.

### SANS 4004 Sanskrit IV Honours D

12 credit points. Semester: 1,2.

## ■ SCLG

### SCLG 1001 Introduction to Sociology 1

6 credit points. Semester: 1. Classes: two 1 hour lectures and one 1 hour tutorial/week. Assessment: One essay, one exam and other work as assigned by coordinator.

*NB: Permission required for enrolment. Entry to this unit of study restricted by quota.*

This unit is designed to introduce students to the study of sociology by critically analysing contemporary Australian society. A range of sociological concepts will be presented which challenge the way in which society is organised and understood. Students will be encouraged to analyse existing social phenomena based on sociological concepts and perspectives.

*Textbooks*

To be advised

### SCLG 1002 Introduction to Sociology 2

6 credit points. Semester: 2. Classes: two 1 hour lectures and one 1 hour tutorial/week. Prerequisite: SCLG 1001 or permission of Instructor. Assessment: One essay, one exam and other work as assigned by coordinator.

*NB: Permission required for enrolment.*

Students will continue to be introduced to sociology through the analysis of contemporary Australian society. Topics such as gender, sexuality, ethnicity, multiculturalism, 'social deviance' and family life will be explored.

*Textbooks*

To be advised

### SCLG 2509 Comparative Sociology of Welfare States

8 credit points. Semester: 2. Classes: one 1 hour lecture plus one 2-hour seminar/week. Prerequisite: SCLG 1001 and SCLG 1002.

Assessment: One 3000 word essay, plus any additional work as assigned by the course coordinator.

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, unemployment, work and family, 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.

### SCLG 2510 Self and Society

8 credit points. Semester: 2. Classes: one 1 hour lecture and one 2 hour seminar/week. Prerequisite: SCLG 1001 and SCLG 1002.

Assessment: One 3000 word essay plus one 2-hour exam.

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 commodity 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.

### SCLG 2520 Sociological Theory

8 credit points. Semester: 1. Classes: 3 hour lecture. Prerequisite: SCLG 1001 and SCLG 1002. Prohibition: Students may not enrol in SCLG 2520 if they have previously completed SCLG 2001 Sociological Theory. Assessment: 5000 word essay or equivalent.

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 and honours students.

*Textbooks*

Course pack will be made available "L \_\_ ^"

### SCLG 2521 Social Inquiry: Research Methods

8 credit points. Semester: 2. Classes: three hours/week consisting of one lecture plus one tutorial. Prerequisite: SCLG 1001 and SCLG 1002 or SCWK 2003. Prohibition: Students may not enrol in SCLG 2521 if they have previously completed SCLG 2002 Social Inquiry: Research Methods in Sociology. Assessment: One research project (in two stages) plus participation in tutorials.

This unit introduces students to some of the methodological issues in contemporary sociology and their impact on the range and types of research methods that sociologists commonly use. Emphasis is placed on developing a critical ability to read sociological research with an eye to their methodological adequacy as well as an appreciation of their theoretical contribution. Examples will be drawn from a range of sociological research monographs, both classical and contemporary, to show the ways in which theory and method have been used to produce sociological knowledge. The major types of research technique employed by sociologists will be described along with problems of interpretation that arise from their use in particular studies.

This unit is mandatory for Sociology major students.

**SCLG 2522 Sociology of Childhood and Youth**  
8 credit points. Semester: 1. Classes: 3 hours/week. Prerequisite: SCLG 1001 and SCLG 1002. Assessment: 5000 words or equivalent. 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.

**SCLG 2523 Social Construction of Difference**  
8 credit points. Semester: 1. Classes: three hours/week. Prerequisite: SCLG 1001 and SCLG 1002. Prohibition: Students may not enrol in SCLG 2523 if they have previously completed SCLG 2004 Sociology of Deviance. Assessment: One 5000 word assignment or equivalent. Students will begin by looking at the problematic nature of the term 'deviance' in sociology, at the contested nature of a concept used both as a lay evaluation of conduct, persons or social settings, as well as a term used by sociologists adopting the perspective of those involved in policing and correction to characterise those transgressing moral and legal boundaries. The confusion that this has engendered in the analysis of rule breaking conduct has led to a commonsense content for the sociology of deviance and a correctional focus that leaves rules largely unexamined. Instead, this unit of study has a wider interest than traditional criminology or corrections, and takes as its subject matter a diverse range of social settings and personal conduct in order to encourage students to identify the historical origins of the rules that govern them, the way in which some settings become officially designated as deviant along with the persons and conduct that are found in them, and at the origin and types of social control that are exerted to maintain conformity with rules. The consequences of these attempts at control are also analysed. Theories of deviance will be examined, and particular forms of deviance will be analysed - eg, alcohol abuse, hygiene, food disorders, sexual conduct, abduction by aliens, ritual satanic sexual abuse, and serial sex crimes.

**SCLG 2525 Madness, Difference and Normality**  
8 credit points. Semester: 2. Classes: three hours/week. Prerequisite: SCLG 1001 and SCLG 1002. Prohibition: Students may not enrol in SCLG 2525 if they have previously completed SCLG 2006 Sociology of Mental Illness. Assessment: One 5000 word assignment or equivalent. This unit of study will introduce students to core themes and issues in the sociological study of mental illness, with a historical and critical emphasis. Issues will be placed in their historical context wherever possible to indicate the development of particular debates in their social, cultural and political setting. The unit of study will compare and evaluate rival or alternative approaches to mental illness, as well as utilising the empirical evidence on mental illness to guide students through the issues, debates and controversies. Topics covered will include sociological studies of the causes of mental illness, cross-cultural studies, social factors in depression, labelling theory and its assessment, mental illness as myth, anti-psychiatry, feminist critiques of psychiatry, the sociology of psychiatry and psychiatric practice, the sociology of the mental hospital, and de-institutionalisation.

**SCLG 2536 Social Justice Law and Society**  
8 credit points. Semester: 1. Classes: 3 hours/week. Prerequisite: SCLG 1001 and SCLG 1002. Prohibition: Students may not enrol in SCLG 2536 if they have previously completed SCLG 2017 Social Justice Law and Society. Assessment: 5000 words or equivalent. This unit of study examines the operation of legal thought, practices and institutions in Australian social life. Specific topics will include sociological analysis of legal reasoning, the role of law in relations between Indigenous and non-Indigenous Australians, crime and punishment, law's contributions to both stability and social change, law and the media, the legal construction of family life, the ethnography of the courtroom, informal legal processes, the High Court and politics, law and governance, and the differentiated nature of 'the field of law'.

**SCLG 3001 Classical Sociological Theory**  
8 credit points. Semester: 2. Classes: one 3 hour seminar/week. Prerequisite: SCLG 1001 and SCLG 1002. Assessment: One 5000 word essay or equivalent.

This unit of study provides a critical and detailed study of the work of Marx, Weber, Durkheim and Simmel. Students will examine the various features of these writers' work, the ways in which they constitute central paradigms in sociological reasoning and research, and the ways in which their ideas continue to influence contemporary sociological endeavours. A particular focus is the ways these writers understand and constitute 'the modern world', its subjects, its increasing complexity and dynamism and potential for change.

**SCLG 3002 Contemporary Sociological Theory**  
8 credit points. Semester: 1. Classes: one 3 hour seminar/week. Prerequisite: SCLG 1001 and SCLG 1002. Assessment: 5,000 word essay or equivalent.

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: Erving 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.

**SCLG 3003 Empirical Sociological Methods**  
8 credit points. Semester: 2. Classes: three hours/week. Prerequisite: SCLG 1001 and SCLG 1002. Assessment: 5,000 word essay or equivalent.

This unit addresses the political, ethical and practical problems that may arise during the process of conducting research, the social context of research, and assists students to develop research proposals which logically link 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. For assessment, students will select a topic of their own choosing and develop a theoretically informed research proposal. This unit assumes a knowledge of social research methods.

#### Textbooks

Keith Punch (2000) *Developing Effective Research Proposals*, Sage, London.

Reading notes from University Copy Centre.

**SCLG 4011 Sociology Honours A**  
12 credit points. Semester: 1,2. Prerequisite: Credit average in 32 credit points of Senior level Sociology.

*NB: Permission required for enrolment.*

Sociology IV students are required to undertake:

- One unit of study selected in consultation with the Honours coordinator. Classes: February, 3 hours/week. Assessment: see individual description.
- Research Seminar. Classes: July, one 2 hour seminar/week. Assessment: progress reports on dissertation and presentation of paper on student's research.
- Thesis. Write a thesis between 15,000 and 20,000 words. Arrangements concerning dissertation topics and supervision will be made in the preceding year. The thesis will be worth 60% of the final Sociology IV mark.

**SCLG 4012 Sociology Honours B**

12 credit points. Semester: 1,2.

Refer to SCLG 4011.

**SCLG 4013 Sociology Honours C**

12 credit points. Semester: 1,2.

Refer to SCLG 4011.

**SCLG 4014 Sociology Honours D**

12 credit points. Semester: 1,2.

Refer to SCLG 4011.

## ■ SCPL

**SCPL 3001 Australian Social Policy**

8 credit points. Semester: 1. Classes: one lecture and one 2-hour tutorial/week. Prerequisite: 16 Senior level Sociology credit points chosen from two of the following three units: Sociological Theory SCLG 2520, Social Inquiry: Research Methods SCLG 2521 or Social Inequality in Australia SCLG 2529. Assessment: 5,000 word essay or equivalent. In this unit of study the Australian experience of universal themes in 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; and the formulation and delivery of social welfare services in Australia.

### SCPL 3002 Principles of Social Policy

8 credit points. Semester: 2. Classes: one lecture and one 2-hour tutorial/week. Prerequisite: SCPL 3001. Assessment: 5,000 word essay or equivalent.

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 models of welfare.

## ■ SCWK

### SCWK 2001 Psychology for Social Work 201

8 credit points. Ms O'Hara. Semester: 1. Classes: (3 lectures + 1 tutorial)/week. Prerequisite: 18 junior credit points. Prohibition: PSYC 2111-2114. Assessment: One 1500 word tutorial process diary, one 3-hour exam.

*NB: This unit is only available to students enrolled in the BSW and combined BA/BSW degrees.*

This unit of study focuses on theories of psychology which 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) Developmental Psychology, indicating the main patterns of development; and
- (iii) Personality, identifying the major forces in personality theory.

*Textbooks*

Consult Departmental noticeboard.

### SCWK 2002 Psychology for Social Work 202

8 credit points. Ms O'Hara. Semester: 2. Classes: (3 lectures + 1 tutorial)/week. Prerequisite: 18 credit points of junior units. Prohibition: PSYC 2111-2114. Assessment: One 1500 word tutorial process diary, one 3-hour exam.

*NB: This unit is only available to students enrolled in the BSW and combined BA/BSW degrees.*

This unit of study focuses on social psychology, mental health and several contemporary issues of particular relevance to the practice of social work (eg, domestic violence, child abuse, HIV/AIDS, suicide, grief, addiction). Psychological theories and strategies are introduced to assist in an understanding of the complex factors involved.

*Textbooks*

Consult Departmental noticeboard.

## ■ SMTC

### SMTC 4011 Semiotics Honours A

12 credit points. Dr Williams (February) Associate Professor Huisman (July). Semester: 1,2. Classes: Full Year (starts February). Prerequisite: Credit or above in at least three Senior units of study taken towards the Semiotics major.

*NB: Permission required for enrolment.*

To be awarded an Honours degree in Semiotics, students must complete a research project/long essay, complete units of study chosen in consultation with the Semiotics Coordinator and participate in a Research Seminar.

Students interested in future postgraduate studies in Semiotics should consult the Semiotics Coordinator and/or Professor Martin (Linguistics), Postgraduate Adviser for Semiotics.

*Research project/long essay*

A research project involving detailed semiotic analysis or a long essay of 15,000 words, or a combination of the two, to be regarded as at least one third of the work required in the final honours year.

*Options*

Students will usually take three semester length options of two to three contact hours per week, or the equivalent.

*Research Seminar*

Eight meetings of two hours each throughout the year. Papers and readings will be organised around the research projects of the students enrolled in Semiotics IV. In certain circumstances, students may receive permission to participate in equivalent

departmental seminars relevant to the field of their research project/long essay.

### SMTC 4012 Semiotics Honours B

12 credit points. Semester: 1,2.

*NB: Permission required for enrolment.*

Refer to SMTC 4011

### SMTC 4013 Semiotics Honours C

12 credit points. Semester: 1,2.

*NB: Permission required for enrolment.*

Refer to SMTC 4011

### SMTC 4014 Semiotics Honours D

12 credit points. Semester: 1,2.

*NB: Permission required for enrolment.*

Refer to SMTC 4011

## ■ SPAN

### SPAN 1001 Introductory Spanish 1

6 credit points. Professor Newbigin. Semester: 1. Classes: 1 lecture, 4 tutorials, 1 hour language laboratory (self-instruction). Prohibition: Not to be taken by students with prior knowledge of Spanish. Assessment: four 1 hr exams/sem, assignments, oral work.

For students who have little or no knowledge of Spanish, Introductory Spanish 1 provides students with a sound basis of spoken and written Spanish and introduces them to the history and culture of Spain and Latin America.

*Textbooks*

Cabot, SPAN 1001 Introductory Spanish A Workbook (available from University Copy Centre).

### SPAN 1002 Introductory Spanish 2

6 credit points. Professor Newbigin. Semester: 2. Classes: 1 lecture, 4 tutorials per week, 1 hour language laboratory (self-instruction). Prerequisite: SPAN 1001. Assessment: four 1 hr exams/sem, assignments, oral work.

*NB: Students with some limited prior knowledge of Spanish who are ineligible for SPAN 1001 may apply to enter SPAN 1002 with advanced standing. Consult SEAMELS office.*

Builds on SPAN 1001 Introductory Spanish 1,

*Textbooks*

Cabot, SPAN 1002 Introductory Spanish B (available from University Copy Centre).

### SPAN 2001 Intermediate Spanish 1

8 credit points. Professor Newbigin. Semester: 1. Classes: 2-hour audiovisual tutorial, 2-hour grammar and reading tutorial, 2-hour lecture. Prerequisite: SPAN 1002. Assessment: four 1 hr exams/sem, essays, oral work.

*NB: Students with prior knowledge of Spanish who are ineligible for SPAN 1001/2 may apply to enter SPAN 2001 with advanced standing. Consult SEAMELS office.*

Intermediate Spanish further develops the four languages skills, through a comprehensive audiovisual program and an intensive program of grammar, reading and written expression. Cultural and critical expertise is developed through a Cultural Studies lecture program.

*Textbooks*

Jarvis, Lebreo, Mena-Ayllon, Continuemos (Houghton Mifflin).

Miguel & Sans, Lejos de casa (Difusion).

Miguel & Sans, ¿eres hi Maria (Difusion).

### SPAN 2002 Intermediate Spanish 2

8 credit points. Professor Newbigin. Semester: 2. Classes: 2-hour audiovisual tutorial, 2-hour grammar and reading tutorial, 2-hour lecture. Prerequisite: SPAN 2001. Assessment: four 1 hr exams/sem, essays, oral work.

Continues from SPAN 2001.

*Textbooks*

Jarvis, Lebreo, Mena-Ayllon, Continuemos (Houghton Mifflin).

## ■ SSCI

### SSCI2001 Social, Political and Economic Thought 1

8 credit points. Dr Duncan Ivison and others. Semester: 1. Classes: 2 hr lecture and 2hr tutorial per week. Prerequisite: NB BA (Social Sciences) only. Assessment: Class test and essay.

This unit is the core unit for the Bachelor of Social Sciences, and will provide students with an advanced understanding of the central themes, debates and problems concerning current social, political and economic thought and social science research more generally. This first semester unit will concentrate on the arenas of Society and Culture.

*Textbooks*

Readings will be available from the Copy Centre

**SSCI2002 Social, Political and Economic Thought 2**  
8 credit points. Dr Duncan Ivson and others. Semester: 2. Classes: 2 hr lecture and 2hr tutorial per week. Prerequisite: SSCI 2001, NB BA (Social Sciences) only. Assessment: Class test and essay.

This unit is a core unit for the Bachelor of Social Sciences, following on from Issues in Social, Political and Economic Thought 1, and will provide students with an advanced understanding of the central themes, debates and problems running through current social, political and economic thought and in social science research more generally. This semester we will focus on the arenas of Polity and Economy.

*Textbooks*

Readings will be available from the Copy Centre

■ **THAI****THA11101 Thai introductory Spoken 1**

6 credit points. Ms Jiraratwatana. Semester: 1. Classes: 4 hrs/week. Assessment: Continuous class assessment and exams.

*NB: Permission required for enrolment. It is recommended that beginning students will study THAI 1101 plus THAI 1103 in first semester then THAI 1102 plus THAI 1104 in second semester.*

Intended for students who have little or no previous knowledge of Thai. It consists of an intensive study of spoken Thai, with emphasis on communication skills that will enable students to communicate in Thai in everyday situations. Pronunciation practice and a study of basic Thai grammar are included.

*Textbooks*

P. Juntanamalaga and T.Diller, Beginning Thai. (ANU).

Other materials are supplied and can be purchased from Copy Centre

**THA11102 Thai Introductory Written 2**

6 credit points. Ms Jiraratwatana. Semester: 2. Classes: 4 hrs/week. Prerequisite: THA11101. Assessment: Continuous class assessment and exams.

*NB: Permission required for enrolment. It is recommended that beginning students will study THAI 1101 plus THAI 1103 in first semester then THAI 1102 plus THAI 1104 in second semester.*

An extension of work done in THAI 1101.

**THA11103 Thai Introductory Written 1**

3 credit points. Ms Jiraratwatana. Semester: 1. Classes: 2 hrs/week. Assessment: Exercises, tests and semester exam.

*NB: Permission required for enrolment. It is recommended that beginning students will study THAI 1101 plus THAI 1103 in first semester then THAI 1102 plus THAI 1104 in second semester.*

An introduction to Thai writing and reading, which may be taken together with THAI 1101, or as a separate unit by students with a knowledge of spoken Thai to the level of THAI 1101.

*Textbooks*

Materials are supplied and may be purchased by students from the Copy Centre.

**THA11104 Thai Introductory Written 2**

3 credit points. Ms Jiraratwatana. Semester: 2. Classes: 2 hrs/week. Assessment: Exercises, tests and semester exam.

*NB: Permission required for enrolment. It is recommended that beginning students will study THAI 1101 plus THAI 1103 in first semester then THAI 1102 plus THAI 1104 in second semester.*

An extension of work done in THAI 1103. It may be taken as a separate unit by students with a knowledge of spoken Thai to the level of THAI 1102. Students will achieve a reading and writing ability in basic Thai by the end of the unit.

**THAI 2101 Thai Intermediate 1**

8 credit points. Ms Jiraratwatana. Semester: 1. Classes: 4 hrs/week. Prerequisite: THA11102 and THA11104. Assessment: Written assignment, continuous class assessment and exams.

Consolidates communication skills, with an emphasis on reading. Different types of written discourse will be studied through a variety of Thai-language media. One hour per week will be devoted to a study of cultural aspects of the Thai language.

*Textbooks*

Materials are supplied and may be purchased by students from the Copy Centre.

**THAI 2102 Thai Intermediate 2**

8 credit points. Ms Jiraratwatana. Semester: 2. Classes: 4 hrs/week. Prerequisite: THAI 2101. Assessment: Written assignment, continuous class assessment and exams.

Extends the work done in THAI 2101 in Semester 1.

**THAI 3101 Thai Advanced 1**

8 credit points. Ms Jiraratwatana. Semester: 1. Classes: 4 hrs/week. Prerequisite: THAI 2102. Assessment: Written assignment, continuous class assessment and exam.

In addition to consolidating and further developing a knowledge of and skills in oral and written Thai, this unit is intended to equip students with resources to identify speech registers and to analyse discourse types. One hour per week will be devoted to a study of Thai linguistics, Thai literature or other aspects of Thai culture. One further hour will be devoted to readings and discussions about major issues in contemporary Thailand.

*Textbooks*

Materials are supplied and may be purchased by students from the Copy Centre.

**THAI 3102 Thai Advanced 2**

8 credit points. Ms Jiraratwatana. Semester: 2. Classes: 4 hrs/week. Prerequisite: THAI 3101. Assessment: Written assignment, continuous class assessment and exam.

Continues the work done in THAI 3101.

■ **VIET****VIET 1001 Introductory Vietnamese 1**

6 credit points. Semester: 1. Classes: 5hr/wk. Prohibition: May not be taken by native speakers. Assessment: Classwork, assignments and tests.

This unit is an introduction to contemporary spoken and written Vietnamese. No prior knowledge of the language is presumed. The subject introduces the tones, the essential syntax, the writing system and some features of the Vietnamese language such as *the* use of particles, kinship terms, and articles. The context of language use includes greetings, the individual, the family, family activities, time and date. Attention is given to the social and cultural context of language use.

*Textbooks*

'Learning Vietnamese for Speakers of English, Book 1' Ton-That Quynh-Du, Faculty of Asian Studies, The Australian National University

**VIET1002 Introductory Vietnamese 2**

6 credit points. Semester: 2. Classes: 5hr/wk. Prerequisite: VIET 1001. Prohibition: May not be taken by native speakers. Assessment: Classwork, assignments and tests.

This unit of study builds on the previous unit of study

*Textbooks*

'Learning Vietnamese for Speakers of English, Book 2' Ton-That Quynh-Du, Faculty of Asian Studies, The Australian National University

■ **WMST****WMST 2001 Gender, Media and Popular Culture**

8 credit points. A/Professor Probyn. Semester: 1. Classes: 3 hours per week. Prerequisite: 18 Junior credit points. Assessment: 1) Short papers 2) Final take-home exam Total written work 5000 words.

This unit focuses on the exciting study of media and consumer cultures. From the theoretical basis of feminist cultural studies, we will examine the ways in which identities are increasingly formed through consumption. While traditionally consumption and its cultures have been criticised in terms of materialist values, we will be more concerned to look at the different forms of life that are promoted. This will include case studies of globalisation and what has been called 'glocalisation' (or how the global reworks intimate local forms of belonging), and the construction of a global citizen through the rhetorics deployed by multinationals such as McDonalds or Benneton. We shall also be concerned with analysing the promotion of an 'ethics of consumption' by other multinationals such as The Body Shop. Students will construct their own case studies as the major project of the unit.

**WMST 2002 Thinking Gender**

8 credit points. Dr Secomb. Semester: 2. Classes: 3 hours per week. Prerequisite: WMST 2001. Assessment: Three 700 word article summaries, one 3000 word essay.

In this unit of study, recent debates within feminist theory will be introduced. By the end of the unit of study, students will have a clear grounding in the fundamental concepts within feminist social, political and cultural theory. The course is divided into three blocks. First we explore debates about equality and difference, between women and men, and between women themselves in relation to class, race and ethnicity. Second,

debates about power and discourse are introduced with a particular focus on how these concepts are conceived within feminist, postmodernist and poststructuralist theory. Finally, in a block on sex, gender and embodiment, we look at the distinction between sex and gender and at recent feminist theories of embodiment which question the sex/gender opposition.

**WMST 2008 Gender, Communities and Difference**  
8 credit points. Dr Secomb. Semester: 1. Classes: 3 hours per week.  
Prerequisite: WMST 2001 and WMST 2002. Assessment: 2000 word essay and 3000 research project.

This course examines difference and diversity within community. It looks at the operation of power and at how power produces and regulates communities and identities. It questions the assumption that community is based on the unity and similarity of citizens and examines alternatives such as difference and sociality. Specific debates about the regulation of reproduction, the production of sexuality, and the provision of welfare are examined. The course is divided into 2 sections:

Gender, Community and Difference; and Foucault, Power and Governance.

**WMST 3001 Gender, Race and Australian Identities**  
8 credit points. Dr Bashford. Semester: 2. Classes: 3 hours per week.  
Prerequisite: WMST 2001 & WMST 2002. Assessment: Four 500 word article summaries and critical evaluations; and one 2500 word essay.

In this unit we explore the interconnections between gender and race in Australian culture and history. We focus on particular case studies, some historical, some contemporary: the so-called 'White Australia policy'; the Racial Hygiene Association, eugenic precursor to the Family Planning Association; maternity, immigration and the imperative to 'populate or perish'; women and the Hindmarsh Island affair; Pauline Hanson and One Nation; sex tourism; the 'stolen generations'; citizenship, nationalism and multiculturalism. Throughout the course, the history and present of Australian feminism and its relations with questions of race and ethnicity are foregrounded. A major aim of the course is to introduce students to recent feminist postcolonial theorists.

**WMST 4011 Gender Studies Honours A**  
12 credit points. **Semester: 1,2. Classes:** One 2 hour seminar per week.  
**Prerequisite:** Credit or above in WMST 2001,2002,2008,3001 and a further 16 credit points. WMST2003,2004,2006 or 2007 may be substituted for 2008. **Assessment:** An Honours year in Gender Studies consists of the session length core 'Arguing the Point', plus two session-length optional units and a 15,000 word thesis. Written requirements for the core and options are 4000-6000 words each.

*NB: Permission required for enrolment.*

**Core -Arguing the Point: Research in Gender and Cultural Studies**

Assoc Prof Probyn and Dr Mason.

Over the years, gender and cultural studies have legitimated different modes of academic research and writing that were previously seen as suspect within the university. In retrospect, it is clear that objects of study often require interdisciplinary research methods, and mobilise different forms of writing and argument. The first objective of this course is to introduce students to a range of research, writing and argumentation. The second objective is to encourage students to develop their own argumentation skills and research practices. Students who are writing their theses will be encouraged to experiment with different ways of arguing and writing their research. Students who are just starting will have the opportunity to develop their ideas. In reading your texts and those of others, we will explore notions of intellectual generosity in terms of how to most productively engage with the ideas, research and writings of others.

*Options*

*Gender and Work*

Suzanne Jamieson (Industrial Relations). Semester: 1.

A multidisciplinary exploration of the place of women in paid work in Australia drawing on social theory, economics, law and industrial relations.

*Gender and Social Policy*

Susan Goodwin (Social Work, Social Policy and Sociology). Semester: 1.

This unit will examine social policy developments in Australia and comparable industrial countries as they effect women and gender relations. Discussion of the relationships between gender and social policy will draw on a range of theoretical perspectives, including feminist theories, labour

market theory and industrial relations theory as well as family policy analysis.

*Gender, Race and Legal Relations*

A/Prof Chris Cunneen and A/Prof Julie Stubbs (Faculty of Law). Semester: 1.

The course has an inter-disciplinary approach, which draws on historical sources, sociology, criminology and law. It is taught using a seminar format, and encourages students to undertake independent research on issues of their own interest related to the general area of the course. The objectives of Gender, Race and Legal Relations are as follows: To provide a theoretical understanding of the concepts of race/ethnicity and gender and their relationship to the formulation of the law; To provide understanding of the empirical data on the relationship between race, gender and the administration of the law; To encourage students to develop a critical analysis of legal relations by focusing on race, gender and their intersection; To encourage students to develop their skills in inter-disciplinary research.

Topics covered include issues relating to the definition and construction of knowledge about race, ethnicity and gender; and the impact of colonial relations in Australia and other countries in mediating the contact between indigenous people and the law. Other issues covered include violence against Aboriginal women; the intersection of the criminal justice system with other forms of legal regulation of Aboriginal people; alternative forms of justice and Aboriginal communities.

*Feminism and Film Theory*

Dr Laleen Jayamanne (Art History and Theory). Semester: 1.

This unit is in two parts. The first will examine the history of feminist film theory and feminist criticism. The second will examine a selection of films that are not designated as 'feminist' to see how they can pose questions and problematise some aspects of feminist theorising on cinema.

*Intellectual History*

Dr Andrew Fitzmaurice (History). Semester: 1.

The aim of this seminar is to introduce students to the history of ideas. Through the twentieth century historians became increasingly concerned with taking the ideas of past cultures as their subject, a subject distinct from the study of formal philosophy. The course will follow changes in this discipline from the meta-history of the Great Chain of Being, pursued after the Second World War, through the emphasis in the 1960s upon context, to recent challenges from social and cultural history. Links with archaeology and anthropology will also be explored.

*Rhetoric Reading History*

Dr Melissa Hardie (English). Semester: 1.

This option examines a number of theorists to explore the 'return' to rhetoric. Rhetoric is variously understood as the art of persuasion and as the analysis of the ways in which language may be used figuratively in literary and other texts. Through the work of Paul de Man, Roland Barthes, Eve Sedgwick and others, we will see how rhetorical theory has influenced such important movements such as structuralism, post-structuralism, deconstruction, queer theory, feminist theory and cultural studies.

Texts: Course Reader

Barthes, Image-Music Text

Bender and Wellbury, The Ends of Rhetoric

Eve Sedgwick, The Epistemology of the Closet

*Contemporary Poetry*

Dr Kate Lilley (English). Semester: 1.

This option will explore some of the most interesting and innovative poetry of our time, focusing on current American and Australian work and the contexts in which it is produced. Some of the special interests of the option will be genre, rhetoric and intertextuality, poetic movements and communities^ feminism and experimentalism, poetic narrative and popular culture.

Single-authored books and Hoover's anthology will be supplemented by hand-outs and online resources such as John Tranter's e-journal Jacket ([www.jacket.zip.com.au](http://www.jacket.zip.com.au)).

**WMST 4012 Gender Studies Honours B**

12 credit points. **Semester:** 1,2.

Refer to WMST 4011

**WMST 4013 Gender Studies Honours C**

12 credit points. **Semester:** 1,2.

Refer to WMST 4011

**WMST 4014 Gender Studies Honours D**

12 credit points. **Semester:** 1,2.

RefertoWMST4011

## ■ YDDH

### YDDH 1101 Yiddish B1

6 credit points. Semester: 1. Classes: 5 hours per week. Assessment: Continuous assessment, two exams, one essay.

Yiddish B1 has three components: Yiddish language, Yiddish literature, and an introduction to the history of Yiddish and Yiddish culture. In the language component, students will be introduced to Yiddish through a study of its grammar, as well as exercises in conversation and reading. The culture and literature components will include discussions of the development and diffusion of the Yiddish language, as well as the culture of Ashkenazic Jewry until the Emancipation of Western European Jewry.

### YDDH 1102 Yiddish B2

6 credit points. **Semester: 2. Classes:** 5 hours per week. **Prerequisite:** YDDH 1101. **Assessment:** Continuous assessment, two exams, one essay.

A continuation of Yiddish B1, this unit of study will strengthen the student's understanding of Yiddish grammar and vocabulary. The culture and literature component will continue with the discussion of the life, culture and history of Ashkenazic Jewry from mid-1800s until the advent of World War n.

### YDDH 2103 Yiddish B3

8 credit points. Semester: 1. Classes: 4 hours per week. Prerequisite: YDDH 1102. Assessment: One exam; continuous assessment.

Yiddish B3 is designed to strengthen the language foundations built in Yiddish B1 and B2. The unit of study will focus upon conversation and composition, and includes the reading of selected texts from modern Yiddish literature, as well as discussion of topics presented in various media sources. 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).

### YDDH 2104 Yiddish B4

8 credit points. **Semester: 2. Classes:** 4 hours per week. **Prerequisite:** YDDH 2103. **Assessment:** One exam; continuous assessment.

As with Yiddish B3, Yiddish B4 will emphasise conversation and composition, and includes the reading of various texts from modern Yiddish literature. The unit of study includes: practical language skills (3 hours per week) and readings from modern literature (1 hour per week).

### YDDH 3105 Yiddish B5

8 credit points. Semester: 1. Classes: 4 hours per week. Prerequisite: YDDH 2104. Assessment: One exam; continuous assessment.

Students will further those language skills obtained in YDDH 2104 with the focus on improving their fluency in comprehension and conversation. The unit of study consists of: 2 hours per week of the study of Modern Yiddish literature, culture and history (short stories, poetry and essays); and 2 hours per week of the study of grammar, including composition and conversation.

### YDDH 3106 Yiddish B6

8 credit points. Semester: 2. Classes: 4 hours per week. Prerequisite: YDDH 3105. Assessment: One exam; continuous assessment.

As with YDDH 3105, the emphasis of this unit is on comprehension and communication. Students will read, analyse and discuss literature, as well as discuss topics in historical, linguistic and cultural essays as determined by the interests of the students.

This unit of study consists of 3 hours per week of the study of Modern Yiddish literature, culture and history (short stories, poetry and essays); and 1 hour per week of composition and conversation.



# 5 Economics and Business units of study

Units of study are listed by unit code. To find a unit of study by name, refer to the index.

## ■ACCT

### ACCT 1001 Accounting 1A

6 credit points. Ms Gordon/Ms English. **Semester:** 1,2. **Classes:** (2 lectures, 1 tutorial & 1 practical)/week. **Assumed knowledge:** HSC Mathematics. **Assessment:** One 3hr exam, 2 tests/sem, weekly assignments.

*NB: Restricted entry (code 511500 or 521500 or 511503 or 521503 or Combined Commerce).*

Introduces accounting and the double entry system of financial recording. Use is made of electronic computer spreadsheets to solve financial accounting problems. Examines assumptions underlying the preparation of financial statements for external users. Development of skills necessary to understand, discuss, analyse and write about accounting-related topics. Designed as an introduction to accounting. No prior knowledge of accounting assumed.

### ACCT 1002 Accounting IB

6 credit points. Ms English. **Semester:** 1,2, Summer. **Classes:** (2 lectures, 1 tutorial & 1 workshop)/week. **Prerequisite:** ACCT 1001. **Assessment:** One 1 hr mid semester test, one 3hr final exam, 1 computing test, 1 financial statement analysis assignment and weekly assignments.

*NB: Restricted entry (code 511500 or 521500 or 511503 or 521503 or Combined Commerce).*

Accounting is about the use of information to make economic decisions. Accounting IB (a) illustrates the problems in identifying and measuring economic information, (b) discusses solutions adopted by the accounting profession, and (c) develops students' ability to use the information to make decisions. It is obvious that accounting requires familiarity with technical rules and procedures. However, technical rules do not always provide clear guides; principles sometimes conflict. In these instances, it is necessary to use sound argument and judgement in devising a solution. The course material and assessment are designed to help students develop the necessary analytical, written and oral communication skills.

### ACCT 1003 Financial Accounting Concepts

6 credit points. Ms Pickering. **Semester:** 1. **Classes:** 2 lectures/week. **Prohibition:** Terminating unit. Cannot be counted with ACCT 1001 and ACCT 1002. **Assessment:** One 3hr exam, mid-semester test. Provides an introduction to the theory and practice of accounting. Designed primarily for students who are not majoring in accounting. The aim is to develop skills in preparing and analysing financial statements from a users' perspective. Topics include: the institutional arrangements in Australia and overseas, balance sheet equation, current assets (including inventory, accounts receivable), income measurement, financial statement preparation and analysis.

*Note:* Only available in the BEc, BEc(SocSc) and BAgEc degrees and cannot be counted with Accounting 1A and IB. If students have successfully completed Financial Accounting Concepts and Management Accounting Concepts and have gained a place in the Accounting quota code 500/503 by applying through UAC, they may be exempted from enrolling in Accounting 1A and IB after having passed a cross-over examination. This examination will be available only to students who have gained a place in the code 500/503 quota.

### ACCT 1004 Management Accounting Concepts

6 credit points. Dr. Frost. **Semester:** 2. **Classes:** (3 lectures - one 2hr lecture, one 1 hour lecture)/week. **Prohibition:** Terminating unit. Cannot be counted with ACCT 1001 and ACCT 1002. **Assessment:** One 3hr exam, a mid-semester test and 2 assignments.

The aim is to explain how accounting information is used by managers. Topics include: estimating cost functions, relevant costing, cost allocation and discounted cash flow analysis. Topical matters drawing on the 'different costs for different purposes' theme highlight the problematic nature of cost and its

implication, for example, of identifying the 'cost' of making a local phone call when there are various companies in the phone service chain, or how to 'cost' a university degree. As well, students are taught to interpret a management performance report and to recognise the interrelationships between performance evaluation and asset valuation.

*Note:* Only available in the BEc, BEc(SocSc) and BAgEc degrees and cannot be counted with Accounting 1A and IB. If students have successfully completed Financial Accounting Concepts and Management Accounting Concepts and have gained a place in the Accounting quota code 500/503 by applying through UAC, they may be exempted from enrolling in Accounting 1A and IB after having passed a cross-over examination. This examination will be available only to students who have gained a place in the code 500/503 quota.

### ACCT 2001 Financial Accounting A

8 credit points. Dr. Gallery. **Semester:** 2, Summer. **Classes:** (3 lectures & 1 tutorial)/week. **Prerequisite:** ACCT 1001 and ACCT 1002. **Corequisite:** ECMT1010 and ECMT1020. **Assessment:** One 1000w essay. One 1.5 hr exam, one 3hr exam, weekly assignments.

Accounting and reporting practices of companies, particularly listed public companies are examined. Emphasis is placed on developing an understanding of, and the ability to evaluate critically, the various regulatory requirements (professional and statutory) governing financial reporting. The economic significance of management's ability to choose between alternative techniques for recording/reporting a given transaction or event is also considered from within a 'costly contracting' framework. Issues covered include accounting for income taxes, leases, employee entitlements, intangibles, extractive industries. Consideration of off-balance sheet liabilities and owner's equity. Introduction to intercorporate investments.

### ACCT 2002 Management Accounting A

8 credit points. Dr. Frost. **Semester:** 1, Summer. **Classes:** (2 lectures, 1 tutorial & 1 practical)/week. **Prerequisite:** ACCT 1001 and ACCT 1002. **Corequisite:** ECMT 1010 and ECMT 1020. **Assessment:** One 3hr exam, weekly assignments.

This course provides students with an introduction to the basics of management/cost accounting. Areas specifically covered include: cost terms and purposes, cost behaviour, cost-volume-profit analysis, cost estimation via regression analysis and other means, basic and alternative product costing methods (including activity-based costing), detailed study of the mechanics of the budgeting process (master budgets, flexible budgets, standard costing and variance analysis), decision making of relevant costs/revenues and cost allocation.

### ACCT 2003 Accounting and Business Info Systems

8 credit points. Mr. Edwards. **Semester:** 2. **Classes:** (2 lectures, 1 workshop/practical, 1 tutorial)/week. **Prerequisite:** ACCT 1002 or ACCT 1004. **Assessment:** Final examination, one test, assignments, groupwork.

This unit is designed to help students understand i) how accountants interact with the accounting systems of business and government as users, evaluators and designers, ii) how business processes impact on the appropriateness of the design of accounting systems. The unit is designed to provide you with a body of knowledge that will enable you to understand the concepts of accounting and business processes - especially those pertaining to systems, information, managerial decision making, control, accounting models, and information technology, a familiarity with the basic business processes, such as inputs, outputs, processing procedures, the role of databases, and controls; a basic introduction to systems analysis and design techniques; and an understanding of the steps involved in comprehensive systems development, again with specific reference to the contribution that accountants - internal and external - can provide in modern computerised organisations. This unit incorporates practical work using a modern set of integrated accounting transaction processing and enterprise resource planning software.

**ACCT 3001 Financial Accounting B**

8 credit points. Dr Arthur. Semester: 1. Classes: (2 lectures, 1 tutorial & 1 workshop)/week. Prerequisite: ACCT 2001. Assessment: One 2hr exam, one 3hr exam, one case study, weekly assignments.

Advanced topics in financial accounting, including accounting for a company's investments in corporations, joint ventures and associates, and accounting methods used by public sector entities. Specific accounting issues in relation to group accounting include foreign currency translation, equity accounting, segment reporting and related party transactions. This course attempts to develop students' understanding of valuation issues in accounting and to critically evaluate the valuation methods used in the private and public sectors. Recent developments in measurement and valuation are examined.

**ACCT 3002 Management Accounting B**

8 credit points. Ms Buckmaster. Semester: 2. Classes: (2 lectures, 1 tutorial & 1 practical)/week. Prerequisite: ACCT 2002. Assessment: Final examination, one test, assignments and groupwork.

This unit provides students with an analysis of basic managerial problems focusing on the role of the management accountant in today's changing manufacturing and business environment. Concentrating on organisational and behavioural issues it contrasts with the rather technical approach of Management Accounting A. Topics include: decentralisation and transfer pricing and motivation; behavioural consequences (motivation, etc.) of budgeting and control systems; recent developments such as Just-In-Time inventory management, total quality management, activity based costing and capital budgeting.

**ACCT 3003 Financial Statement Analysis**

8 credit points. Mr Lee. Semester: 1. Classes: (2 lectures, 1 workshop, 1 tutorial)/wk. Prerequisite: ACCT 2001 and FINC 2001. Assessment: One 3hr exam, group case studies.

Although the appropriate 'form' of financial analysis depends largely on the specific context (eg, equity investment, credit extension, analysis of supplier/customer health, competitor analysis, regulatory overview or intervention, valuation for takeover/restructuring), many of the techniques of financial analysis are common to each. A primary purpose of this course is to develop an understanding of these techniques, as well as the inherent difficulties in their application. Specific issues addressed include the analysis of business performance and disclosure, the analysis of earnings quality, cash flow assessment, credit worthiness and accounting-based valuation methods.

**ACCT 3004 Auditing**

8 credit points. Prof Dean. Semester: 2, Summer. Classes: (3 lectures & 1 tutorial)/week. Prerequisite: ACCT 3001. Assessment: One 2hr exam, mid semester test, case study, weekly assignments.

The aim of this course is to develop an understanding of the nature of financial statement audits undertaken in compliance with the Corporations Law and the professional auditing standards. The course is both practical and theoretical. In tutorials, students are required to apply their knowledge in discussing case studies which have been developed based on actual experiences. Guest speakers from accounting firms and business provide practical examples of the topics discussed in lectures. The students are also exposed to current cases to assess the application of auditing procedures.

**ACCT 3005 IT Assurance and Control**

8 credit points. Mr Edwards. Semester: 1. Assumed knowledge: INFO 1000. Prerequisite: ACCT 2003. Assessment: One 3hr theory exam, one 3hr prac exam, 1 essay, quizzes, project.

Critically important to the success and survival of an organization is effective management and control of information and related Information Technology (IT). This criticality arises from i) increasing dependence on information and the systems that deliver this information, ii) increasing vulnerabilities and a wide spectrum of threats, such as cyber threats and information warfare, iii) scale and cost of the current and future investments in information and information systems, and iv) potential for technologies to dramatically change organisations and business practices, create new opportunities, and reduce costs. For many organisations, information and the technology that supports it represent the organisation's most valuable assets.

Moreover, in today's very competitive and rapidly changing business environment, management has heightened expectations regarding IT delivery functions. Management requires increased quality, functionality, and ease of use; decreased delivery time; and continuously improving service levels-while demanding that this be accomplished at lower costs. Thus, management needs to have an appreciation for and a basic understanding of the risks

and constraints of IT in order to provide effective direction and adequate controls. This course examines ways in which accountants and process users bridge the gaps between business risks, control needs and technical issues. It provides good exposure across a domain and process framework and presents activities in a manageable and logical structure.

**ACCT 3006 ecommerce Business Models**

8 credit points. Mr. Ravi Seethamraju. Semester: 2. Assumed knowledge: INF01000. Prerequisite: 48 credit points at level 1000. Assessment: One 3hr theory exam, one 3hr prac exam, 1 essay, quizzes, project.

This subject provides a detailed overview of the concepts and processes used in doing business electronically. This will include information exchange processes (EDI) and inter and intra-organisational communications; electronic exchange and business including electronic funds transfer (EFT), smart cards and electronic money; security issues and networks; Internets and intranets; business models and Internet commerce, www commerce; the Internet customer and marketing; legal and ethical issues on the Internet; taxation, business and exchange issues in Internet and ecommerce; as well as a brief examination of legal and ethical issues in Internet commerce. Students will receive experience in using and adapting existing world-wide-web and Internet commerce software to develop e-commerce applications in real world contexts.

**■ CLAW****CLAW 1001 Commercial Transactions A**

6 credit points. Ms Kamvounias. Semester: 1,2. Classes: (3 lectures & 1 tutorial)/week. Assessment: Exam, test, essays, classwork.

This unit is concerned with the fundamental elements of business law. It commences with an overview of the Australian legal system (sources of law, parliament, courts, statutory interpretation, doctrine of precedent), including an examination of those provisions in the Commonwealth Constitution relevant to business and commercial activities. Basic elements of criminal law and law of torts (in particular, negligence and negligent misstatement) are then examined. The unit continues with a detailed study of those aspects of the law of contract that underlie all commercial transactions and are the essence of commercial law (elements of a contract, terms of a contract, matters affecting the validity and enforcement of contracts, termination, remedies for a breach of contract). The unit concludes with an overview of the law of agency, property partnership and business organisations.

**CLAW 1002 Commercial Transactions B**

6 credit points. Ms. Pearl Rozenberg. Semester: 2. Classes: (3 lectures & 1 tutorial)/week. Prerequisite: CLAW 1001. Assessment: One 3hr exam, assignment, quiz, classwork.

Provides a background in property law including: sale of goods, implied terms, passing of property, passing of title by a non-owner, retention of title clauses, ROMPLA clauses, debt, damages, termination for breach and remedies real and personal. It also introduces laws relating to land/real property and to personal property and to intellectual property, including Copyright, Patents, Trade Marks, Passing Off, and covers current legal issues relating to the computer and Internet.

**CLAW 2001 Corporations Law**

8 credit points. Mrs Mescher/Ms. Wyburn. Semester: 1,2, Summer. Classes: (3 lectures & 1 tutorial)/week. Prerequisite: Any 4 full semester first year units of study including CLAW 1001. Assessment: One 3hr exam, one test, one essay classwork.

Begins with a brief comparison of business entities, especially partnership. The concept and process of incorporation are examined. Company finance, both equity and debt finance, and the maintenance of the company's share capital will be studied as well as the topics of accounts, auditors, and companies in financial difficulty. The management of companies and directors' duties will be explored as well as the rights and remedies of company shareholders. Company takeovers, prospectus provisions and securities regulation will also be discussed but studied in more depth in the elective Stock Markets and Derivatives Law.

**CLAW 2003 Stock Markets and Derivatives Law**

8 credit points. Mrs Mescher. Semester: 2. Classes: 3 lectures/wk. Prerequisite: CLAW 1001 and CLAW 2001. Assessment: One 3hr exam, essay and tutorials.

Begins with a study of the powers of the Australian Securities and Investment Commission with reference to recent ASIC investigations. The functions of the Australian Stock Exchange and those of securities dealers and investment advisers will be examined and the relationship between broker and client. The market offences of market manipulation and insider trading will be explored. Public funding of companies and prospectus provisions will be studied and the liability of officers and independent experts concerning the prospectus. The topic of mergers and acquisitions will examine acquisitions, relevant interests, takeover schemes and announcements, and the liability of parties to a takeover. Exchange traded futures and options and OTC derivatives will be examined.

#### CLAW 2004 Banking and Finance Law

8 credit points. Ms. J. Coffey. Semester: 1. Classes: (3 lectures/week). Prerequisite: CLAW 1001.

Students are introduced to the regulatory structure and its impact on banking practice. The relationship between banker and customer and the duties of the parties are also analysed.

Issues relating to foreign currency litigation, electronic banking, risk management and loan security will be discussed. Students will also become familiar with the legal implications of trading negotiable instruments and raising funds by means of international loans, project financing and syndication.

#### CLAW 2006 Legal Issues for e-commerce

8 credit points. Mrs. Rozenberg. Semester: 1,2. Prerequisite: 48 credit points at level 1000. Assessment: One 3hr theory exam, one 3hr prac exam, 1 essay, quizzes, project.

Commerce and business in an electronic environment has arrived and is in constant use. This unit focuses on the transactional and financial aspects of electronic commerce. The unit includes detailed coverage of legal aspects of electronic finance-Internet banking and digital cash and cards, electronic trade - contracts and digital signatures, taxation of electronic commerce and electronic property issues - copyright, patents and trade marks for digital property.

The unit assumes no previous legal training or knowledge or knowledge of the electronic media. The unit will also cover basic introductory legal skills such as legal research and legal writing and citation as well as provide an introduction to electronic commerce, the history and operation of the Internet and major tools used in electronic commerce. Students with previous knowledge in these areas will not need to attend these sections of the unit.

#### CLAW 3001 Australian Taxation System

8 credit points. A/Prof Coleman, Mr Hart. Semester: 1. Classes: (3 lectures & 1 tutorial)/week. Prerequisite: CLAW 1001 and CLAW 2001. Assessment: One 3hr exam, multiple choice tests for revision, weekly assignments, classwork.

The introductory part of a subject which is primarily concerned with taxation law. It commences with an overview of the Australian tax system, discusses contemporary tax issues and then deals with specific topics, viz. basis of liability to Australian income tax, concepts of residence and source of income, meaning of income, tax accounting, statutory concepts of income, taxation of fringe benefits, basis of liability to capital gains tax and allowable deductions. It concludes with an introduction to the taxation of partnerships, trusts, companies, the administration of the tax act and tax avoidance. In addition to income tax, the Goods and Services Tax is studied.

#### CLAW 3002 Tax Strategies in a Business Environment

8 credit points. Mr Hart, A/Prof Coleman. Semester: 2. Classes: (3 lectures & 1 tutorial)/week. Prerequisite: CLAW 1001 and CLAW 2001. Corequisite: CLAW 3001. Assessment: One 3hr exam, multiple choice tests for revision, weekly assignment, classwork. Deals with taxation issues in a business environment. In addition to the specific topics in income tax as set out, it also includes material on indirect taxes. The following topics are included: trading stock, depreciation, taxation of partnerships and trusts including the application of capital gains tax to interests in these entities, carry forward of losses, taxation of companies, dividend imputation tax, capital gains tax application to shares and other interests in companies, intellectual property, collection of income tax instalments, amendment of assessments, objections and appeals, taxation of non-residents, withholding tax, foreign tax credits, international tax treaties, profit shifting and tax avoidance. The course emphasises business tax planning issues.

## ■ ECHS

### ECHS 1001 Europe and Asia-Pacific: 19th Century

6 credit points. Semester: 1. Classes: 2 lectures & 1 tutorial/week. In 1750 Europe was overwhelmingly agricultural and rural. Most Europeans lived in villages in the countryside, and most spent most of their time farming. 'Industry' in general meant goods produced by hand, usually in family units or small shops. Within Europe, control over land and people determined the power of states; in Western Europe, France was pre-eminent, and in Eastern Europe Austria, Russia, and Turkey contended for dominance. Europeans traded with the rest of the world, and some European nations controlled extensive overseas empires. However, Europeans were excluded from many areas of Asia, and Europeans stood in awe of the accomplishments of some Asian societies. British 'muslins' and 'calicoes' were inferior copies of Indian textile designs. The French philosopher Voltaire and the British economist Adam Smith admired both the efficient centralised government and the very high standard of living of China, and 'chinoiserie' was a fad among the upper classes in France.

In 1850 'industry' had come to mean goods produced in factories, using power-driven machinery. The power of states now depended on possession of these new industrial technologies. Britain had emerged as the pre-eminent industrial power, and the other countries of Western Europe were attempting to 'catch up' to the leader. The formerly powerful countries of eastern Europe, Austria, Russia, and especially Turkey, were 'backward' areas. India imported British textiles, and China had been forced to open its ports to trade. Europeans regarded Asian economies, societies, and cultures as inferior.

By 1900 several new industrial powers had emerged to challenge Britain in Western Europe, and Europeans had established direct control over most of Africa and Southeast Asia. Where they did not exercise direct control, Europeans dominated other societies through their economic power. In the rest of the world, and particularly in the Asia-Pacific region, desperate efforts were being made to emulate Europe, to 'catch up' in order to defend against European hegemony.

ECHS 1001 examines these changes. The origins and spread of the industrial revolution in Europe, the development of the international economy, and the impact of European expansion on the Asia-Pacific in the age of the 'new imperialism' form the core of the unit, and we conclude with an examination of social, economic and political changes in Europe leading up to the First World War. The intent of the unit is to highlight some of the major principles and interpretations of European and world history and to illustrate how different societies have pursued their own paths of development.

### ECHS 1002 Europe and Asia-Pacific: 20th Century

6 credit points. Semester: 2. Classes: 2 lectures & 1 tutorial/week. In 1914 the sun never set on the British Empire, and only rarely on the French; Europeans controlled the vast majority of the world's land mass and the world's population. Europe was the leading industrial region in the world, and Europeans of all classes enjoyed the highest standards of living in the world. It went without saying that 'international relations' were relations between the six European 'great powers.' It also went without saying that 'culture' was European culture. During the twentieth century the British and French empires disappeared except for a few scattered islands, as did the imperial possessions of Germany, the Netherlands, Belgium, Italy and Denmark. Western Europe is only the third-ranking industrial centre in the global economy, if that; eastern Europe is painfully attempting to find its way forward towards industrial growth. Standards of living in Europe are not low, but... with the rest of the world. Since the collapse of the Soviet Union, no European nation is any longer a 'great power.' Culture, like industry, is now global.

Conversely, in the Asia-Pacific in 1914, China was divided into 'spheres of influence' surrounding port cities and railways constructed by foreigners. Except for Thailand, Southeast Asian nations were all colonies; though formally independent, Australia remained firmly within the British empire. Japan was the only country which had even begun to industrialise; the other nations of the region were sources of primary products for Europe and the United States. Decisions affecting the region were made in Europe. Except for Australia, living standards were low; the few who were wealthy enough attempted to emulate European consumption patterns. Now Japan is one of the world's

leading industrial and financial powers, China is an emerging 'superpower,' and the 'East Asian Miracle' has become a cliché.

How did it happen? And what happened in the meantime? ECHS 1002 begins with the worldwide impact of the First World War, looks at attempts to reconstruct the pre-1914 system and the Great Depression, and examines the Soviet Union, fascist regimes, the rise of Nazism, and the Second World War. Reconstruction and decolonisation, followed by the 'great boom' and the recent rapid development of the Asia-Pacific, make up the second half of the unit.

This unit provides an introduction to major historical approaches relevant to the period, and you therefore will gain an understanding of the way today's world came into being, and how it really functions, in addition to introducing facts and theories, the unit also aims to improve your communication abilities, both written and spoken.

### ECHS 2302 **Asia-Pacific: Growth and Change**

8 credit points. Dr Rahim, A/Prof Tipton. Semester: 1. Prerequisite: Any four first year units of study.

*NB: Recommended for Honours students*

The unit examines the processes of development in the Asia-Pacific by critically analysing the historical trajectory and socio-economic currents in the region within the sustainable economic development framework. A common theme in the unit is the question of whether the general approach towards economic development, particularly adopted after the Second World War, is sustainable. The significant contributions of women to the economic development of the region will be another major focus of analysis. The unit will consider how economic strategies such as export oriented industrialisation have affected women, ethnic minorities and other subaltern communities, and to what extent they constitute a reserve army of labour and represent tangible evidence of the high social cost of the current approach towards industrialisation. Also to be considered is whether the East Asian 'miracle' and the developmental state model can be replicated by other late industrialising nations in the region, and what the shortcomings of the model have been. An analysis of the ideological underpinnings and economic rationale of trade blocs such as ASEAN and APEC will also be undertaken.

### ECHS 2303 **Economic Development of Southeast Asia**

8 credit points. Dr Rahim. Semester: 1. Prerequisite: Any four first year units of study.

Until the recent East Asian economic 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 commercial community in Australia. However, there is limited consensus about the causes for the region's economic performance during the 'boom years', current recession and its future prospects. 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 patterns of development.

The significance of Southeast Asia's pre-colonial commercial activities and its deepening integration into the capitalist world economy with the advent of colonialism will be investigated. In particular, the emergence of the export-based colonial economy, economic function and impact of large-scale immigration on the colonial and post-colonial societies will be studied. Economic policies such import-substitution industrialisation (ISI) and export-oriented industrialisation (EOT), the salience of socio-economic and ethnic tensions, the impact of rapid industrialisation on the environment, the contradictions between the promotion of economic liberalism and authoritarian governance and the efficacy of ASEAN will also be analysed.

### ECHS 2304 **Economic Development of Modern Japan**

8 credit points. Dr. Rahim. Semester: 2. Prerequisite: Any four first year units of study.

In this unit we will look at some of the more controversial arguments which attempt to explain Japan's development from a quasi-feudal state into major economic powerhouse. Some of the issues we will investigate are: the role of the keiretsu in the postwar era and the role of the zaibatsu in the prewar era in directing Japan's economy; the influence of politicians and bureaucrats on Japan's development as a nation; the role of small business in the so-called 'economic miracle' of Japan's postwar

recovery; whether Japan in the 1990s is really the economic mecca it is portrayed to be in certain types of literature.

### ECHS 2306 **The Managerial Firm**

8 credit points. Dr Hutchinson. Semester: 1. Prerequisite: ECON 2001 or ECOP 2002 or (ECON 1001 & 2 and ECHS 2305) or (ECOP1001 & 2 and ECHS 2305).

The large managerial firm, operating in a number of product and geographic markets and controlled by managers rather than owners, plays a major role in modern economies. Although it is now being challenged by new institutions such as LBOs and strategic alliances, the large managerial firm is itself a recent phenomenon which only began to emerge in the 1880s.

This unit analyses the development of the large managerial firm since the 1880s. It focuses on the role of information in two major topic areas. The first is the expansion in firms' activities through strategies of vertical integration (including internal R&D), diversification and multinational investment. As firms increasingly turned to external sources of finance to fund this expansion, salaried managers began to make strategic as well as operational decisions. These issues are examined, leading into the second general topic - the need to ensure effective performance of managers. The unit analyses the development of new internal organisational structures and information systems to coordinate and monitor operational managers as well as the development of methods to assure the performance of top managers. The unit includes detailed analysis of case studies which are drawn primarily from the USA, Australia and Japan.

### ECHS 2312 **Topics in Modern European Social History**

8 credit points. Semester: 1. Prerequisite: Any four first year units of study.

This unit will examine selected topics in the social history of modern Europe. The exact topics will vary but may include such subjects as: the demographic revolution in Europe, the 'standard of living' debate and the industrial revolution, the Unk between economic and political power in Europe, the evolution of different social groups, the notion of class in European history, the role of women in modern Europe and the emergence of new social movements.

### ECHS 2313 **History of Modern European Expansion**

8 credit points. Semester: 2. Prerequisite: Any four first year units of study.

This unit will examine European overseas expansion in the nineteenth and twentieth century. It will look at the creation of formal and informal empires and the development of the possessions, the ideologies behind expansion (including economic, political, social and cultural justifications for conquest) and decolonisation. Emphasis will be placed on critical analysis of theories of expansion and such historiographical questions as the debate on the economic imperative behind European expansion.

### ECHS 2324 **The Asian Firm**

8 credit points. Semester: 2. Prerequisite: ECHS 2302 or ECHS 2305, otherwise with permission.

Who will win and who will lose? Globalisation is having a dramatic impact on international business, and corporate governance therefore has become one of the main issues facing those who wish to succeed in the new international economy. Many analysts believe that Asian firms are the winners, and that they are successful because they differ from Western firms. Is this true, and if it is, why? A useful answer requires us to look at both the internal dynamics of Asian firms, and the external contexts in which Asian firms have found themselves. This unit seeks to examine the internal structures and operations of Asian firms, and to relate them to their specific historical and cultural situations - to ask not only how Asian firms differ from western firms, "but how they differ from each other." The unit will examine the origins and development of the Japanese keiretsu, the Korean chaebol, the 'Confucian' firm in Mainland China and on Taiwan, the 'bamboo networks' of overseas China, and the varying forms of Southeast Asian firms in Thailand, Malaysia, Indonesia and the Philippines.

### ECHS 2328 **The Politics of e-Commerce**

8 credit points. Semester: 1. Classes: Two lectures and one tutorial per week. Prerequisite: One of the following ECHS 2305; IREL 2001; one previous unit in the E-Commerce major; or two junior units in Government and International Relations.

Who rules? No one rules the net and no one controls e-commerce. Globalisation effaces boundaries, levels playing fields across the world, and creates a new universal environment

where all compete on even terms. Or so we are told. But we are also told that e-commerce poses serious threats, to existing business, to workers, to consumers, to marginal groups, and to governments. E-commerce is frequently disrupted by unauthorized or malicious intervention. Global competition brings the threat of global monopoly. Global trade brings the threat of tax evasion. Purchasing over the net brings the threat of invaded privacy. Ease of access brings the threat of inappropriate, immoral, or illegal activity.

The problems of e-commerce are calling forth new forms of surveillance and control on the borders between the public and the private. Firms move both to protect themselves and to exploit their competitive position. Governments create new consultative, regulatory, and supervisory agencies. Non-governmental organisations press for action to enable and empower their members. Political, social, economic, and technological structures are interacting in new ways, and those entering government and business positions will need to be aware of these processes.

This course examines the evolving e-commerce environment in a comparative framework. Issues surrounding the definition of delivery systems, the goals of government regulation, the security and defence of both commercial and personal information, equity of access to e-solutions, and the preservation of a genuinely competitive environment will be considered. The very different regimes emerging in the United States, Europe, Asia, and Australia will be compared. An important aspect of the course will be group research projects intended to define the issues and suggest alternative solutions to some of the most pressing issues facing tomorrow's managers.

#### ECMS 3401 Economic History III Honours (Part A)

4 credit points. **Semester:** 1. **Classes:** Comprises an Honours seminar and preparation for a research essay. **Prerequisite:** Two senior units at credit level.

Why take up honours? The answers, to borrow a recurrent phrase from First-Year exams, are many and various. Intellectually, honours work provides opportunities to explore topics in greater depth and to pursue areas of particular personal interest. More prosaically, employers have a well-documented preference for honours graduates. Why take up honours in Economic History? We are a small department, capable of providing individual guidance to students, and capable as well of being genuinely flexible in the structuring of individual programs. We represent a wide variety of mematic, geographic, and methodological interests, and we are not at all dogmatic about what constitutes 'economic history.'

The first semester of Honours can be thought of as an opportunity to fill your toolbox. How to find sources, what to do with them, and how to present your arguments - these could be viewed as the basic themes of the course. Sources can be oral testimony, official documents, memoirs, literary texts, popular music - anything that bears on your problem. The methods for analyzing your material can range from deconstructive literary analysis through to econometric modeling; it depends on the problem, the sources, and your approach. To present an argument you need some sort of theoretical structure. We employ a broad range of theories in our own work, and we hope you will learn to apply theory on the one hand, and also develop a healthy skepticism towards all theories on the other.

The course consists of a weekly seminar and the beginning of work on a research project that will result in an essay of approximately 5,000 words.

#### ECMS 3402 Economic History III Honours (Part B)

4 credit points. **Semester:** 2. **Classes:** Comprises an Honours seminar and submission of a research essay. **Prerequisite:** Two senior units at credit level.

The aim of the second semester is to apply the tools acquired in the first semester. The course looks critically at some of the major theories of social change advanced over the past century, beginning with Karl Marx, Max Weber, and Sigmund Freud, and then moving to postmodern theory and especially linguistic analysis. The life and works of Michel Foucault show some of the many influential directions which postmodern theory has taken, and Immanuel Wallerstein and world systems theory show one of the directions that neo-Marxist thought has taken. Neoclassical economics is another theory of social change, and the course considers the New Economic History and Cliometrics through the work of Robert Fogel, as well as modifications to neoclassical economics suggested by property rights and transactions costs analyses in the work of Douglass North.

The course consists of a weekly seminar and the completion of the research project, begun in first semester, an essay of approximately 5,000 words.

#### ECMS 4501 Economic History Honours A

12 credit points. **Semester:** 1,2. **Classes:** 2 seminars per week. **Prerequisite:** Credit in ECMS 3402. Requirements for the pass degree must be completed before entry to Level 4000 honours units of study. **Assessment:** Three 2000w seminar papers, one 10,000-12,000w thesis.

*NB: Permission required for enrolment.*

This unit consists of a year-long seminar stream on historiography, for which seminar papers will be presented, and work under individual supervision on a thesis.

Candidates must enrol in ECMS 4502, ECMS 4503 and ECMS 4504 to complete the honours year.

#### ECMS 4502 Economic History Honours B

12 credit points. **Semester:** 1,2.

#### ECMS 4503 Economic History Honours C

12 credit points. **Semester:** 1,2.

#### ECMS 4503 Economic History Honours C

12 credit points. **Semester:** 1,2.

#### ECMS 4504 Economic History Honours D

12 credit points. **Semester:** 1,2.

## ■ ECMT

#### ECMT 1011 Econometrics 1A Stream 1

6 credit points. **Semester:** 1. **Assumed knowledge:** Mathematics Extension 2. **Prohibition:** MATH 1005, MATH 1905.

The first of a sequence of two units that together provide an introduction to quantitative methods used in economics and related disciplines. Topics in basic statistics include: methods available for handling, analysing and interpreting data, discussion of probability distributions, an introduction to sampling theory and simple estimation problems. Mathematics of finance is also covered. A key component is the provision of instruction and experience in the use of computers and statistical software as an aid in the analysis of data.

#### ECMT 1012 Econometrics 1A Stream 2

6 credit points. **Semester:** 1. **Assumed knowledge:** Mathematics Extension 1. **Prohibition:** MATH 1005, MATH 1905.

Same as 1011 but classes are streamed according to mathematical background to improve teaching and learning.

#### ECMT 1013 Econometrics 1A Stream 3

6 credit points. **Semester:** 1,2, Summer. **Assumed knowledge:** Mathematics. **Prohibition:** MATH 1005, MATH 1905.

Same as 1011 but classes are streamed according to mathematical background to improve teaching and learning.

#### ECMT 1021 Econometrics IB Stream 1

6 credit points. **Semester:** 2. **Assumed knowledge:** Mathematics Extension 2. **Corequisite:** ECMT 1011. **Prohibition:** MATH 1005, MATH 1905.

*NB: Other than in exceptional circumstances, it is strongly recommended that students do not undertake Econometrics IB before attempting 1A.*

Builds on the work in Econometrics 1A. Introduces hypothesis testing, simple and multiple regression analysis, time series analysis and decision theory. This statistical material is complemented by mathematical topics including matrices and partial differentiation. Again there is an important computing component that is integrated into this unit. Applications to economics, business and related disciplines in the social sciences are provided.

#### ECMT 1022 Econometrics IB Stream 2

6 credit points. **Semester:** 2. **Assumed knowledge:** Mathematics Extension 1. **Corequisite:** ECMT 1012. **Prohibition:** MATH 1005, MATH 1905.

*NB: Other than in exceptional circumstances, it is strongly recommended that students do not undertake Econometrics IB before attempting 1A.*

Builds on the work in Econometrics 1A. Introduces hypothesis testing, simple and multiple regression analysis, time series analysis and decision theory. This statistical material is complemented by mathematical topics including matrices and partial differentiation. Again there is an important computing component that is integrated into this unit. Applications to

economics, business and related disciplines in the social sciences are provided.

### ECMT 1023 Econometrics IB Stream 3

6 credit points. **Semester:** 2, Summer. **Assumed knowledge:** Mathematics. **Corequisite:** ECMT 1013. **Prohibition:** MATH 1005, MATH 1905.

*NB: Other than in exceptional circumstances, it is strongly recommended that students do not undertake Econometrics IB before attempting 1A.*

Builds on the work in Econometrics 1A. Introduces hypothesis testing, simple and multiple regression analysis, time series analysis and decision theory. This statistical material is complemented by mathematical topics including matrices and partial differentiation. Again there is an important computing component that is integrated into this unit. Applications to economics, business and related disciplines in the social sciences are provided.

### ECMT 2010 Regression Modelling

8 credit points. **Semester:** 1. **Classes:** (3 lectures & 1 tutorial)/week.

**Prerequisite:** ECMT 1010 and ECMT 1020. **Assessment:** One 3hr exam, tests, assignments.

Students undertaking this unit have some background in basic statistics including an introduction to regression analysis. Using this knowledge as a base, an extensive discussion of basic regression theory and some of its extensions is provided. We demonstrate how linear regression models can be applied to data to estimate relationships, to forecast, and to test hypotheses that arise in economics and business. Guidelines for using econometric techniques effectively are discussed and students are introduced to the process of model building. It is essential that the discussion of regression modelling be complemented with practice in analyzing data. An important task will be the computing component using econometric software.

### ECMT 2021 Analysis of Discrete Choice Data

8 credit points. **Semester:** 2. **Classes:** (3 lectures & 1 tutorial)/week.

**Prerequisite:** ECMT 2010. **Assessment:** One 3hr exam, tests, assignments.

Data that are qualitative or discrete present particular problems for data analysts. What influences an individual to work part-time rather than full-time, or use public transport rather than drive to work, or to choose one brand of detergent over another? Why do certain firms choose particular accounting procedure over another? In these examples of modelling choice data, standard linear regression models are inappropriate. This unit considers the specification, estimation and use of statistical models that are necessary to analyze such questions. These may include the logit, probit and multinomial logit models. Special emphasis will be placed on illustrating the appropriate application of such models using case studies and data drawn from marketing, accounting, finance and economics.

### ECMT 2030 Financial Econometrics

8 credit points. **Semester:** 2. **Classes:** (3 lectures & 1 tutorial)/week.

**Prerequisite:** ECMT 2010. **Assessment:** One 3hr exam, tests, assignments.

Over the last decade econometric modelling of financial data has become an important part of the operations of merchant banks and major trading houses and a vibrant area of employment for econometricians. This unit aims to provide an introduction to some of the widely used econometric models for financial data and the procedures used to estimate them. Special emphasis will be placed upon empirical work and applied analysis of real market data. Topics covered may include the statistical characteristics of financial data, the specification, estimation and testing of asset pricing models, the analysis of high frequency financial data, and the modelling of volatility in financial returns.

### ECMT 2720 Management Science

8 credit points. **Semester:** 2. **Classes:** (3 lectures & 1 tutorial)/week.

**Prerequisite:** ECMT 1010 & ECMT 1020. **Assessment:** One 3hr exam, tests, assignments.

*NB: Students who wish to take only part of the sequence of units of study in Management Science should apply to the Head of the department of Econometrics for any exemption from the stated prerequisites and corequisites.*

Management science is an approach to decision making that is suitable in areas where the manager has little experience or where the problem for decision is complex. It provides an effective decision-making approach to problems important enough to justify the time and effort of quantitative analysis. This unit considers modelling in areas that practising managers might

encounter in their roles as decision makers. The intended outcome of the unit is to increase the effectiveness of management decision making. The focus throughout is on practical solutions using readily available spreadsheet software. Topics may include resource allocation, capacity planning, logistics, and project planning.

### ECMT 3010 Econometric Models and Methods

8 credit points. **Semester:** 1. **Classes:** (3 lectures & 1 tutorial)/week.

**Prerequisite:** ECMT 2010. **Assessment:** One 3hr exam, tests, assignments.

Methods of estimation and testing developed in association with regression analysis are extended to cover econometric models involving special aspects of behaviour and of data. In particular, motivating examples will be drawn from dynamic models, panel data and simultaneous equation models. In order to provide the statistical tools to be able to compare alternative methods of estimation and testing, both small sample and asymptotic properties will be developed and discussed.

### ECMT 3020 Applied Econometrics

8 credit points. **Semester:** 2. **Classes:** (3 lectures & 1 tutorial)/week.

**Prerequisite:** ECMT 3010. **Assessment:** One 3hr exam, tests, assignments.

Econometric theory provides the techniques needed to qualify the strength and form of relationships between variables. Applied econometrics is concerned with the strategies that need to be employed to use these techniques effectively. This unit illustrates how econometric models and methods can be applied to data to solve problems that arise in economics and business. General principles for undertaking applied work will be discussed and necessary research skills developed. In particular we stress the links between econometric models and the underlying substantive knowledge or theory associated with the particular application. Topics may include error correction models, systems of consumer demand equations, and structural and vector autoregressive (VAR) macroeconomic models. Research papers involving empirical research will be studied and an integral component of the unit will be a major project involving a substantial piece of econometric modelling.

### ECMT 3030 Forecasting for Economics and Business

8 credit points. **Semester:** 1. **Classes:** (3 lectures & 1 tutorial)/week.

**Prerequisite:** ECMT 2010. **Assessment:** One 3hr exam, tests, assignments.

The need to forecast or predict future values of economic time series arises frequently in many branches of applied economic and commercial work. It is, moreover, a topic which lends itself naturally to econometric and statistical treatment. The specific feature which distinguishes time series from other data is that the order in which the sample is recorded is of relevance. As a result of this, a substantial body of statistical methodology has developed. This unit is intended to provide a first course in methods of time series analysis and forecasting. The material covered will be primarily time domain methods designed for a single series and will include the building of linear time series models, the theory and practice of univariate forecasting and the use of regression methods for forecasting. Throughout the unit a balance will be maintained between theory and practical application.

### ECMT 3710 Management Science Models and Methods

8 credit points. **Semester:** 1. **Classes:** (3 lectures & 1 tutorial)/week.

**Prerequisite:** ECMT 2010 & ECMT 2720. **Assessment:** One 3hr exam, tests, assignments.

Management Science models and techniques for optimum decision making are presented. The structure of a management decision problem determines an associated model structure and optimisation procedure. Models and solution procedures for general linear models, network models, dynamic models, and competitive business decisions will be considered. A commercial module will focus on commercial research processes for interdisciplinary problem solving and decision support.

### ECMT 3720 Stochastic Modelling for Management

8 credit points. **Semester:** 2. **Classes:** (3 lectures & 1 tutorial)/week.

**Prerequisite:** ECMT 2010 & ECMT 2720. **Assessment:** One 3hr exam, tests, assignments.

Modelling techniques appropriate for an uncertain business environment will be introduced. For example, a model of the state of a business may be described by a stochastic structure that evolves over time. Information about the model's evolution possibilities may provide support for short-term decision making



in areas like inventory, budgeting, and work-force scheduling, as well as for long-term decision making in areas like capacity planning and location. Alternatively, a model may be simulated to give alternative synthetic performance histories for systems in a wide range of decision-making areas. In both these examples decision support is provided by improving our understanding of the system and its behaviour. A research module focuses on research project formulation, and general principles for applied project management will be discussed. Techniques may include Markov processes, simulation, and probabilistic dynamic programming.

**ECMT 4011 Statistical Foundations of Econometrics**  
6 credit points. **Semester:** 1.

**ECMT 4031 Limited Dependent Variables**  
6 credit points. **Semester:** 2.

**ECMT 4101 Econometrics Honours A**  
12 credit points. **Semester:** 1,2. **Prerequisite:** Credit average in six semester courses taken in the Discipline of Econometrics and Business Statistics at the 2-3000 level, but including 2010, 2720, 3010 and 3020 or with permission of the Head of Discipline.

*NB: Permission required for enrolment. Requirements for the Pass degree must be completed before entry to level 4000 Honours units of study*

The honours year provides basic professional expertise in the general area of econometrics through instruction in advanced theory, and experience in independent research.

Honours students are required to (a) complete four semester units of instruction, (b) submit a thesis not exceeding 70 A4 pages of typescript, and (c) attend and participate in departmental research seminars.

The thesis topic must be approved by the department and progress reports are to be presented every semester.

Candidates must enrol in ECMT 4102, ECMT 4103 and ECMT 4104 to complete the honours degree.

**ECMT 4102 Econometrics Honours B**  
12 credit points. **Semester:** 1,2.

**ECMT 4103 Econometrics Honours C**  
12 credit points. **Semester:** 1,2.

**ECMT 4104 Econometrics Honours D**  
12 credit points. **Semester:** 1,2.

**ECMT 4211 Static Optimisation**  
6 credit points. **Semester:** 1.

**ECMT 4531 Game Theory**  
6 credit points. **Semester:** 1,2.

## ■ ECON

**ECON 1001 Introductory Microeconomics**  
6 credit points. **Semester:** 1, Summer. **Assumed knowledge:** Mathematics.

Introductory Microeconomics addresses the economic decisions of individual firms and households and how these interact in markets. It is a compulsory core course for the Bachelor of Economics degree (BEc) and for the Bachelor of Commerce degree, and an alternative core course for the Bachelor of Economics (Social Science).

Economic issues are pervasive in contemporary Australian society. Introductory Microeconomics introduces students to the language and analytical framework adopted in Economics for the examination of social phenomena and public policy issues. Whatever one's career intentions, coming to grips with economic ideas is essential for understanding society, business and government. Students are given a comprehensive introduction to these ideas and are prepared for the advanced study of microeconomics in subsequent years.

**ECON 1002 Introductory Macroeconomics**  
6 credit points. **Semester:** 2, Summer. **Assumed knowledge:** Mathematics.

Introductory Macroeconomics addresses the analysis of the level of employment and economic activity in the economy as a whole. It is a compulsory core unit for the Bachelor of Economics degree (BEc) and for the Bachelor of Commerce degree and an alternative core course for the Bachelor of Economics (Social Science).

Introductory Macroeconomics examines the main factors that determine the overall levels of production and employment in the

economy, including the influence of government policy and international trade. This analysis enables an exploration of money, interest rates and financial markets, and a deeper examination of inflation, unemployment and economic policy.

**ECON 2001 Intermediate Microeconomics**  
8 credit points. **Semester:** 1, Summer. **Prerequisite:** ECON 1001. **Corequisite:** ECMT 1010.

*NB: Certain combinations of Maths/Stats may substitute for Econometrics - consult Head, Discipline Discipline.*

The aim of Intermediate Microeconomics is the development of theoretical and applied skills in economics. It covers applications and extensions of the theory of consumer choice, firm behaviour and market structure. Emphasis is given to the economics of information and choice under uncertainty; industry structures other than monopoly and perfect competition; markets for factors of production; general equilibrium and economic efficiency; market failure and the role of government. This unit provides a basis for the more specialised options that comprise third year economics.

**ECON 2002 Intermediate Macroeconomics**  
8 credit points. **Semester:** 2, Summer. **Prerequisite:** ECON 1002. **Corequisite:** ECMT 1020.

*NB: Certain combinations of Maths/Stats may substitute for Econometrics - consult Head, Economics Discipline.*

This unit of study develops models of the goods, money and labour markets, examines issues in macroeconomic policy. Macroeconomic relationships, covering consumption, investment, money and employment, are explored in detail. Macro-dynamic relationships, especially those linking inflation and unemployment, are also considered. Exchange rates and open economy macroeconomics are also addressed. In the last part of the course, topics include the determinants and theories of economic growth, productivity and technology, the dynamics of the business cycle, counter-cyclical policy and the relationship between micro and macro policy in the context of recent Australian experience.

**ECON 2901 Intermediate Microeconomics Honours**  
8 credit points. **Semester:** 1. **Prerequisite:** ECON 1001 and ECON 1002 with a credit average or better in the two subjects combined. **Corequisite:** ECON 2903 and ECMT 1010.

*NB: Certain combinations of Maths/Stats may substitute for Econometrics. Consult the Head, Economics Discipline*  
Comprises lectures based upon the curriculum for ECON 2001: Intermediate Microeconomics, supported by a seminar for one hour a week. The content of lectures will reflect a more analytical and critical treatment of the topics than ECON 2001. The topics, which build on the theory of consumer and firm behaviour and market structure, include game theory, oligopoly, general equilibrium and welfare, externalities and public goods and the economics of information.

**ECON 2902 Intermediate Macroeconomics Honours**  
8 credit points. **Semester:** 2. **Prerequisite:** ECON 2901. **Corequisite:** ECON 2904 and ECMT 1020.

*NB: Certain combinations of Maths/Stats may substitute for Econometrics. Consult the Head, Economics Discipline.*  
Comprises lectures based upon the curriculum for ECON 2002: Intermediate Macroeconomics, supported by a seminar for one hour a week. The content of lectures will reflect a more intensive treatment of the topics than ECON 2002. Topics to be covered include: models of the goods, money and labour markets; macro-economic relationships such as consumption, investment, demand for money and labour demand and supply; macro-dynamic relationships, especially those linking inflation and unemployment; exchange rates and open economy macroeconomics; theories of economic growth; productivity and technological change; the dynamics of the business cycle; and the relationship between micro- and macro-economic policy.

**ECON 2903 Mathematical Economics A**  
4 credit points. **Semester:** 1. **Corequisite:** ECON 2901.  
Provides an introduction to mathematical techniques commonly employed by economists. The syllabus includes: limits, continuity, differentiation of single- and multi- variable functions, unconstrained and constrained optimisation.

**ECON 2904 Mathematical Economics B**  
4 credit points. **Semester:** 2. **Prerequisite:** ECON 2903. **Corequisite:** ECON 2902.

This unit follows on from ECON 2903. The syllabus includes: integration techniques, linear algebra (with applications to comparative statics and optimisation) and economic dynamics.

### ECON 3001 Capital and Growth

8 credit points. Semester: 1. Prerequisite: One of ECON 2001, ECON 2901, ECOP 2001, plus one of ECON 2002, ECON 2902, ECOP 2002. This unit is an introduction to economic growth including its causes and consequences. The role of capital, technological progress, and other determining factors of the development of economies will be studied from the point of view of alternative economic theories. The potential effects of growth and structural change on welfare, income distribution, and employment will be studied in the same contexts with some consideration of the empirical evidence. The role of alternative economic policies and economic institutions in promoting growth will be discussed.

### ECON 3002 Development Economics

8 credit points. Semester: 2. Prerequisite: One of ECON 2001, ECON 2002, ECON 2901, ECON 2902.

This unit of study examines the role of the state, rationale for planning and market mechanisms in developing economies, and also the sociocultural preconditions and economic requirements for a market economy. It focuses on a wide range of developmental problems and issues from both microeconomic and macroeconomic points of view. It will closely study the integration process of the traditional segment of a developing society into its modern counterpart in countries selected from Asia, Africa, Latin America, the Caribbean, and the Pacific regions.

### ECON 3003 Hierarchies, Incentives & Firm Structure

8 credit points. Semester: 1. Prerequisite: one of ECON 2001, ECON 2901.

This unit deals with the coordination and motivation problems faced by firms. More specifically this unit examines: whether firms use price or command mechanisms to allocate resources within firms; the problems associated with designing incentive contracts; the principles of efficient contract design and; the real world applications of those principles. The final section deals with the manner in which the coordination and motivation problems faced by firms determines their financial, vertical and horizontal structure.

### ECON 3004 History of Economic Thought

8 credit points. Semester: 1. Prerequisite: One of ECON 2001, ECON 2002, ECON 2901, ECON 2902, ECOP 2001, ECOP 2002.

This unit deals with the evolution of economic ideas from the late seventeenth century to the present day, with emphasis on the intellectual and social background that influenced the more important contributions. After a discussion of mercantilism and physiocracy, the work of Adam Smith and Ricardo are studied in detail. Nineteenth century economics is studied with special reference to the early criticisms of Ricardo, the work of John Stuart Mill and Marx, and the marginal revolution. Developments of the twentieth century, subsequently covered, include production, capital and distribution theory, the imperfect competition and Keynesian revolutions, and post-war developments.

### ECON 3005 Industrial Organisation

8 credit points. Semester: 2. Prerequisite: One of ECON 2001, ECON 2901.

This unit of study examines the nature of inter-firm rivalry in industries with market power. It explores the various ways in which firms can increase their market power by: extracting more surplus from consumers, by colluding with rivals or by excluding entrants. The unit also analyses the international competitiveness of industries in the context of industry assistance and the prevalence of foreign multinationals. Competition policy is also discussed.

### ECON 3006 International Trade

8 credit points. Semester: 1. Prerequisite: One of ECON 2001, ECON 2901.

This unit of study provides a systematic analysis of the theory of international trade and trade policy. Initially differences between countries are emphasised as the source of trade and the gains from trade. Models that are examined include the Classical-Ricardian model, the Heckscher-Ohlin model and the Specific-Factors model. Next economics of scale and imperfect competition are introduced as sources of trade and gains from trade. The unit concludes with an examination of empirical studies aimed at testing trade theories. The analysis of trade

policy begins with a discussion of the instruments of trade policy, in particular, tariffs and quotas and their effect on welfare. This discussion is then extended to the case of imperfect competition and strategic trade policy.

### ECON 3007 International Macroeconomics

8 credit points. Semester: 2, Summer. Prerequisite: One of ECON 2002, ECON 2902.

This unit studies macroeconomic theory and policy in a global trading world. The microfoundations of the various sectors are examined in the context of an open economy. The evolution of international money and capital markets is described, the operation of the foreign exchange market is examined, showing how its microstructure affects its macro performance. Theories and tests of the efficiency of international capital markets are surveyed, as well as core theories and tests of exchange rate and asset price determination. The unit develops the macroeconomic implications of monetary and fiscal policies for small and large open economies for different regimes.

### ECON 3008 Labour Economics

8 credit points. Semester: 1. Prerequisite: One of ECON 2001, ECON 2901, ECOP 2001, plus one of ECON 2002, ECON 2902, ECOP 2002.

This unit aims to provide an understanding of labour markets and related issues such as work conditions, pay and employment levels. Labour supply and demand, theories of wage determination, labour mobility and discrimination are examined. It also analyses the role of trade unions and labour market contracts. These topics are applied to current issues in Australian labour markets such as enterprise bargaining, the role of centralised wage fixing systems, training and other labour market programs. Policies designed to improve the functioning of the labour market are examined and particular attention is given to the problem of persistent unemployment.

### ECON 3009 Markets, Regulation & Government Policy

8 credit points. Semester: 2. Prerequisite: ECON 1001 and ECON 1002 plus one of ECON 2001, ECON 2002, ECON 2901, ECON 2902, ECOP 2001, ECOP 2002.

This unit of study addresses contemporary economic issues drawn from a particular area. The focus of the unit will vary from year to year. Examples include housing economics, health economics, trade practices or economics in transition. It will show how economic analysis is used to provide an understanding of particular markets, emphasising the institutional setting and the economic rationales for government intervention.

### ECON 3010 Monetary Economics

8 credit points. Semester: 1. Prerequisite: One of ECON 2001, ECON 2901, ECON 2002, ECON 2902.

This unit studies the crucial role that money plays in an economy and examines theory, policy and empirical testing. It analyses why money is used, why it differs from other goods and assets. The microfoundations of money demand and supply are developed. Theories of interest rates and the transmission mechanism are developed. The role and operation of banks in the financial intermediation process and the control and supervision of financial institutions by the Central Bank are also considered. Monetary Policy is intensively analysed.

### ECON 3012 Strategic Behaviour

8 credit points. Semester: 2. Prerequisite: One of ECON 2001, ECON 2901, ECOP 2001.

To think and act strategically one needs to evaluate the effect of one's actions on the actions of others. As most economic decisions are strategic (such as the decision to lower a price or introduce a new tax) economics, if it is to avoid simplistic models, requires a theoretical framework capable of illuminating strategic behaviour. This unit of study offers a comprehensive, critical introduction to the theory, which purports, not only to satisfy this theoretical need, but also potentially to unify the social sciences: game theory. After examining important concepts of game theory, the unit will investigate its repercussions for the theory of bargaining and for the evolution of social institutions.

### ECON 3901 Advanced Microeconomics: Theory & Policy

8 credit points. Semester: 1. Prerequisite: ECON 2901, ECON 2902, ECON 2903, and ECON 2904 with a credit average or better over the four units combined. Corequisite: ECMT2010.

*NB: Students intending to proceed to fourth year Economics Honours must also complete at least one unit of study from ECON 3011 to ECON 3012 inclusive.*

Topics in Microeconomic Analysis (Assessment Weight 2/3): advanced developments in microeconomics.

Policy Seminars (Assessment Weight 1/3): approximately 6 two hour seminars on Australian and/or international economic policy issues.

### ECON 3902 **Advanced Macroeconomics: Theory & Policy**

8 credit points. **Semester:** 2. **Prerequisite:** ECON 3901 and ECMT 2010.

*NB: Students intending to proceed to fourth year Economics Honours must also complete at least one unit of study from ECON 3001 to ECON 3012 inclusive.*

Topics in Macroeconomic Analysis (Assessment Weight 2/3): advanced developments in macroeconomics.

Policy Seminars (Assessment Weight 1/3): approximately 6 two hour seminars on Australian and/or international economic policy issues.

### ECON 4101 **Economics Honours A**

12 credit points. **Semester:** 1,2. **Prerequisite:** The prerequisite for entry to Economics Honours is at least 24 credit points at 3000 level Economics, including Advanced Microeconomics: Theory and Policy (ECON 3901) and Advanced Macroeconomics: Theory and Policy (ECON 3902) with a credit average or better in ECON 3901 and 3902; and Regression Modelling (ECMT 2010).

*NB: Permission required for enrolment. Requirements for the Pass degree must be completed before entry to 4000 level Honours units of study.*

Students may complete the requirements for final honours in 3 ways:

- (a) by taking full coursework;
- (b) by taking three quarters coursework and a minor thesis;
- (c) by taking half coursework and a major thesis.

The options available will be drawn from the following schedule (though some may not be available in given year): advanced macroeconomics, advanced microeconomics, economic classics, economic development, economic planning, public economics, international economics and labour economics.

Candidates must enrol in ECON 4102, ECON 4103 and ECON 4104 to complete the honours year.

### ECON 4102 **Economics Honours B**

12 credit points. **Semester:** 1,2.

### ECON 4103 **Economics Honours C**

12 credit points. **Semester:** 1,2.

### ECON 4104 **Economics Honours D**

12 credit points. **Semester:** 1,2.

## ■ ECOP

### ECOP 1001 **Economics as a Social Science**

6 credit points. **Semester:** 1, Summer. **Assessment:** Assessment is based on a combination of coursework, tutorial performance and an examination of one and a half hours at the end of the semester. This is an introductory unit of study in political economy. It explores the nature of economic analysis from different perspectives, emphasising the relationship between economic, social and political issues. While the unit is designed to be paired with ECOP 1002, and to be the first unit in a major in political economy, it can also sensibly be taken as a free-standing unit. The unit is not mathematically orientated. It emphasises the acquisition of written and oral skills in economic analysis.

The unit begins with a discussion of current political economic issues: globalisation, structural economic change, unemployment, economic inequalities and the capacity of the government to 'implement effective economic policies.'

It then considers the capacity of existing currents of economic thought to illuminate these issues. This requires a careful consideration of the historical context in which competing currents of economic thought were developed. Key concepts are drawn from:

- Classical political economy
- Marxist economics
- Neoclassical economics
- The institutionalist economic tradition
- Keynesian economics
- modern political economy
- the Keynesian revolution
- 'economic rationalism'

- modern political economy

The unit concludes with consideration of the reasons why economists from these different traditions disagree. This illustrates the political character of economic ideas. It also provides a basis for making judgements about how to apply economic analysis to current economic problems and policy issues.

#### *Textbooks*

D. Fusfeld *The Age of the Economist* (Adison-Wesley Educational Publishers, Reading, Massachusetts, 1999)

G. Argyrous and F. Stilwell (eds) *Economics as a Social Science:*

*Readings in Political Economy* (Pluto Press Australia, Sydney, 1996)

### ECOP 1002 **Structure and Change in Modern Economics**

6 credit points. **Semester:** 2. **Assessment:** Assessment is based on a combination of coursework, tutorial performance and an examination of one and a half hours at the end of the semester.

This is a second introductory unit of study in political economy emphasising the relationship between economic, social and political issues. While the unit is designed to be paired with ECOP 1001, it can also sensibly be taken as a free-standing unit. The unit is not mathematically orientated. It emphasises the acquisition of skills of written and oral exposition.

The lectures explore economic restructuring in the world economy and in Australia with particular regard to their implications for the distributions of wealth and income. This is practical political economy. Concepts examined in ECOP 1001 appear as well in ECOP 1002, but in contexts which will help to deepen understanding of their usefulness and/or their limitations. Illustrative topics are as follows:

- national economic change: changes in the distribution of income and wealth in Australia; structural change in the Australian economy; developments in the Australian labour market
- globalisation: the forces generating increased international economic integration through trade, investment and finance; the tensions and contradictions arising from these processes
- development: current directions, debates and concepts in development studies; the intersections of class and gender in the development process
- the nation state and public policy: a critical examination of the role of the state as coordinator; consideration of selected policy issues, illustrating the limitations of policy proposals arising from mainstream economic analysis.

#### *Textbooks*

None is set for this course. However, a set of readings and a list of references will be made available at the first lecture.

### ECOP 2001 **Surplus Approach in Political Economy**

8 credit points. **Semester:** 1. **Prerequisite:** ECOP 1001 and ECOP 1002. **Assessment:** Assessment is based on seminar participation, an essay and an examination of one and a half hours at the end of the semester. Understanding the capacity of an economy to produce a surplus is a central issue in economic analysis. How is an economic surplus generated? What forms does it take, how is it distributed and for what purposes is it used? These are key questions in analysing the functioning of the modern capitalist economy, how it grows, why it experiences crises, and why there are marked inequalities in the distributions of wealth and income both nationally and internationally. Moreover, within the context of the surplus approach it is possible to explore, for example, the notion of modern capitalism and the changing role of the state in economic management.

In introducing students to the surplus approach to political economy, ECOP 2001 builds particularly on the contribution of Marxist theory and explores modern developments in political economy based on that tradition. The first half of the program (I) involves a critical appreciation of Marxist value theory in its historical context as well as in contemporary application. This is followed (II) by a consideration of more recent debates which have emerged within a Marxist and neo-Marxist tradition, as well as of so-called 'post Keynesianism' which also has a clear link to Marxism (particularly through Kalecki). A discussion of the role of the state in the generation and distribution of surplus will be a central consideration.

- I. Value theory and its contemporary application
  - o preamble: the surplus approach in political economy
  - o the Marxian approach to history and economy
  - o capitalist production
  - o particular Marxian conceptions: of the international economy; of gender, race and exploitation; of the environment question.

- n. Recent debates in Marxist and Neo Marxist theory
  - o modern theories of surplus
  - o the question of monopoly
  - o forces determining distribution of income between workers and capitalists; and distribution of investible surplus between enterprises and corporations; feminist arguments regarding distribution
    - o neo-Marxist international economic relations: unequal exchange; neo-imperialism, dependency theory and underdevelopment; world systems
    - o crisis theories: underconsumption; the falling rate of profit theory; crisis in the international monetary system
    - o theories of the state in Marxist and neo-Marxist traditions
    - o other currents of economic analysis: post-Keynesianism and the French regulationist school.

#### Textbooks

There is no one text set for this course. However, a list of references and a set of readings will be made available at the beginning of the course.

### ECOP 2002 Social Foundations of Modern Capitalism

8 credit points. Semester: 2. Prerequisite: ECOP 1001 and ECOP 1002. Assessment: Assessment is based on seminar participation, an essay and an examination of one and a half hours at the end of the semester. This unit introduces students to an examination of the modern economy conceived more broadly than it is in ECOP 2001. It deals with impersonal forces structured through the market mechanism and the social division of labour, and with more conscious social action through key institutions such as business, unions, government instrumentalities and the family. The activities of production, exchange and distribution are considered within an extensive context of political and cultural influences. Crisis tendencies are contrasted with the processes which have worked to create economic stability and social order. The economic system is put into a clear historical perspective and its dynamics are explicitly examined. Case studies are drawn upon to illustrate the forces at work. The three main sections of the unit are as follows:

- I. Development of the economy
  - evolution of the nation state, commodity production and the domestic sphere of the economy; the formation of economic communities: industrial, commercial and financial centres; urbanisation/suburbanisation and consumption
  - the linkages between the public and private spheres of the economy; material and social (class and gender) bases of these linkages.
- II. Structural dimensions of the economy
  - the organisation of production and consumption
  - institutional foundations of the economy: markets and the social division of labour; state, business, labour and unions, the family
  - cultural and ideological influences
  - environmental constraints and the social construction of nature: regional, national and international dimensions.
    - in. The evolution of the economy
  - the central significance of evolution and qualitative transformation
  - material and social contradictions: contradictions within time accumulation process; contradictions between the public and private spheres; contradictions within the international political economy
  - the reconstruction of economic stability and social order.

#### Textbooks

There is no one text set for this course. However, a list of references and a set of readings will be made available at the beginning of the course.

### ECOP 2901 Political Economy Honours II (Part A)

4 credit points. Semester: 1. Prerequisite: Normally ECOP 1001 and ECOP 1002 at an average grade of Credit or better. Corequisite: Normally ECOP 2001.

ECOP 2901 is the first semester part of a full-year Honours program. The two units together are designed for students intending to proceed through to a final Honours year, but students who simply wish to do more advanced work in political economy are also welcome to enrol in the unit. Students without the normal prerequisites may be admitted to the unit by the Head of the Political Economy Discipline.

Students examine debates about the meaning and limits of class concepts in social theory. The unit also develops students' sense of the 'politics of theory' through its attention to the context-dependence of the language and concepts of social science.

### ECOP 2902 Political Economy Honours II (Part B)

4 credit points. Semester: 2. Prerequisite: Normally ECOP 1001 and ECOP 1002 at an average grade of Credit or better. Corequisite: Normally ECOP 2002.

*NB: Students who commence mid-year may enrol in this unit if they obtain a credit or better in ECOP 1002 and perform well in other first year units.*

ECOP 2902 is the second semester part of a full-year Honours program. The two units together are designed for students intending to proceed through to a final Honours year, but students who simply wish to do more advanced work in political economy are welcome to enrol in the unit. Students without the normal prerequisites may be admitted to the unit by the Head of the Political Economy Discipline.

This seminar series is primarily a study in 'praxis'. The unit is designed to develop students' understanding of the link between critical thinking and research in political economy and concrete strategies for economic change.

### ECOP 3001 Economic Conflict and the State

8 credit points. Semester: 1. Prerequisite: Normally ECOP 2001 and ECOP 2002, or ECON 2001 and ECON 2002. Assessment: A combination of group project work, essay and an examination.

This unit of study examines the institutional character of advanced capitalist societies. A sample of such societies is examined on an historical and comparative basis. This serves to achieve an understanding of the variety of particular structures that has emerged, and the specific cultures and balances of forces which have underpinned the variations. In turn, such structures and forces are used to interpret recent nation-specific, state economic policies, and the constraints and opportunities which channel the development of such policies.

### ECOP 3002 Global Political Economy

8 credit points. Semester: 2. Prerequisite: Normally ECOP 2001 and ECOP 2002, or ECON 2001 and ECON 2002. Assessment: A combination of group project work, essay and an examination.

This unit deals with the major forces presently restructuring the world economy, with particular reference to the institutions involved. Attention is paid to the internationalisation of production and finance and to the overall phenomenon of globalisation. The unit examines the implications of globalisation—in so far as it can be said to be occurring—for the explanation of international trade and investment, and national balances of payments. It acknowledges international labour flows. It examines possible alternatives to nation-states and different mechanisms of global political regulation of economic activity. The unit acknowledges the impact of globalisation on the incomes, opportunities and quality of life of different classes of people, of different races and of women as distinct from men.

### ECOP 3003 Political Economy of Cities and Regions

8 credit points. Semester: 1. Prerequisite: Normally ECOP 2001 and ECOP 2002, or ECON 2001 and ECON 2002. Assessment: A combination of group project work, essay and an examination.

This unit of study examines the process of urban and regional development, with particular reference to Australia. It studies the forces shaping the economy and its spatial structure. It explores the associated socio-economic problems, such as urban socio-economic inequalities, unemployment, housing and congestion. It examines the role of the state in respect of urban and regional policies; including consideration of urban consolidation, decentralisation and regional development policies. Throughout the unit there is reference to the contributions of competing schools of economic thought and the role of interdisciplinary studies in understanding urban and regional issues. Project work provides students with the opportunity to specialise in a topic of their own interest and to develop research skills.

### ECOP 3004 Political Economy of Development

8 credit points. Semester: 2. Prerequisite: Normally ECOP 2001 and ECOP 2002, or ECON 2001 and ECON 2002. Assessment: A combination of group project work, essay and an examination.

This unit of study looks at development as an uneven historical process both nationally and internationally. It draws on different types of theoretical explanation by which 'development' has been understood, from modernisation and dependency theories to postmodernism.

The unit uses contrasting regional comparisons to consider in some statistical/empirical detail the economic gains and losses in particular parts of the world from the end of the second world war to the present.

The issues considered include: the changes from primarily subsistence production to fully fledged industrialisation. The role

of the state. Gender and cultural difference and the impact of globalisation and global institutions on the development experience.

**ECOP 3005 Political Economy of the Environment**  
8 credit points. Semester: 1. Prerequisite: Normally ECOP 2001 and ECOP 2002, or ECON 2001 and ECON 2002.

The unit of study introduces students to an appreciation of the nature of environmental problems and how economists and political economists theorise economic interactions with the environment. The object of the unit is twofold. Firstly, it contrasts and develops a critical appreciation of the intellectual foundations and analytical bases of the different approaches within the broad field of study of environmental and ecological economics. Secondly, attention is focused on how these different theories inform an appreciation of environmental problems in contemporary industrial economies, the formulation and application of policy guidelines and environmental economic management, and social and political struggles over the environment. These concerns are developed concretely by exploring different policy measures adopted to date as well as a range of struggles over particular issues, locally, nationally and internationally.

**ECOP 3901 Political Economy Honours III (Part A)**

4 credit points. Semester: 1. Prerequisite: Normally ECOP 2001, ECOP 2002 and ECOP 2901 and ECOP 2902 at an average grade of Credit or better. **Corequisite:** For ECOP 3901 and ECOP 3902 together, normally three of the units ECOP 3001-3006, or two plus one of the ECON 3000 level units (subject to any prerequisites). ECOP 2001 may be regarded as a corequisite unit provided grades of Credit or better have been obtained in ECOP 2002 and ECOP 2902 and a good standard has been achieved in other second year units.

ECOP 3901 is the first semester part of a full-year Honours program. Assessment is of the two parts together and is made only when both parts have been completed. The assessment covers students' contributions to seminars, a 3000 word essay and other material submitted during the two semesters. ECOP 3901 and ECOP 3902 are normally taken by students intending to proceed through to the final Honours year, but may be taken by other students who simply wish to do more advanced work in political economy. Students without the normal prerequisites may be admitted to the unit by the Head of the Political Economy Discipline.

The theme of this unit is on 'Research in Political Economy'. It is intended to develop skills in the interpretation of the methodology of economic analyses, so that students are aware of the importance of the assumptions underlying research projects. The unit includes (i) a consideration of how methodological choices structure contemporary economic analyses and policy positions in determining the research agenda, and (ii) a methodological focus on debates within selected areas of contemporary importance within political economy.

**ECOP 3902 Political Economy Honours III (Part B)**

4 credit points. Semester: 2. Prerequisite: Normally ECOP 2001, ECOP 2002, and ECOP 2901 and ECOP 2902 at an average grade of Credit or better. **Corequisite:** For ECOP 3901 and ECOP 3902 together, normally three of the units ECOP 3001-3006, or two plus one of the ECON 3000 level units (subject to any prerequisites). ECOP 2001 may be regarded as a corequisite unit provided grades of Credit or better have been obtained in ECOP 2002 and ECOP 2902 and a good standard has been achieved in other second year units.

ECOP 3902 is the second semester part of a full-year Honours program. The assessment covers students' contributions to seminars, a 3000 word essay and other material submitted during the two semesters. ECOP 3901 and ECOP 3902 together are normally taken by students intending to proceed through to final Honours year, but may be taken by other students who simply wish to do more advanced work in political economy. Students without the normal prerequisites may be admitted to the unit by the Director of the Political Economy program.

The theme of 'Research in Political Economy' is continued through (i) a ten-week program on research materials, covering bibliographic access, software usage, archival investigations, surveys, and so on, plus (ii) discussion of preparation of topics of fourth year theses.

**ECOP 4001 Economics (Social Sciences) Honours A**

12 credit points. Semester: 1,2. Prerequisite: Normally an average grade of Credit in the five units required at 3000 level for students intending to proceed to final year (including ECOP 3901/3902). Requirements for the Pass degree must be completed before entry to level 4000 Honours units of study.

*NB: Permission required for enrolment.*

All students are required to undertake a 20,000 word thesis and coursework during their final honours year. The thesis is on a topic of each student's own choice, subject to staff approval: the thesis proposal is normally developed during the preceding year of studies in Political Economy honours. The coursework requirement is two semester-length units. The units include selections from the following: Patterns of Capital Accumulation; State and Economy in East Asia; Theories of Social Formations; Industry Restructuring Policy; Dissecting Liberalism; and Issues in Political Economy. Only some of these units are available in any year. Students may choose one semester-length unit from among those on offer in other programs in the BEc(SocSc) degree, subject to the agreement of the relevant discipline and the Director of the Political Economy honours program.

**ECOP 4002 Economics (Social Sciences) Honours B**  
12 credit points. Semester: 1,2.

**ECOP 4003 Economics (Social Sciences) Honours C**  
12 credit points. Semester: 1,2.

**ECOP 4004 Economics (Social Sciences) Honours D**  
12 credit points. Semester: 1,2.

## ■ FINC

**FINC 2001 Corporate Finance I**

8 credit points. Semester: 1, Summer. Classes: 2hrs lectures, 1 hr workshop & 1 hr tutorial/week. Prerequisite: ECON 1001 and ECON 1002 and ECMT1010 and ECMT1020 and ACCT1001 (or ACCT1003). Assessment: One 3hr exam, assignments, mid semester test.

*NB: Study in Finance commences in second year.*

Provides an introduction to corporate finance, including investment decision-making. The first part deals with the analytical techniques necessary to make investment decisions, both when cash flows are known and when they are uncertain. The second part deals with the corporation and the Australian capital market, the raising of capital, including equity versus debt, and allocating capital, including dividends, internal investments and takeovers. As far as possible, the unit will attempt to link theory to practical applications via examples, exercises and assignments.

**FINC 2002 Corporate Finance II**

8 credit points. Semester: 2, Summer. Classes: 2hrs lectures, 1 hr workshop & 1 hr tutorial/week. Prerequisite: As for FINC 2001.

**Corequisite:** FINC 2001. **Assessment:** One 3hr exam, assignments, mid semester test.

Builds on FINC 2001: Corporate Finance I, but is more applied in that it is concerned with the actual workings of financial markets. It examines the operation of financial markets from both a theoretical and practical perspective, concentrating mainly but not exclusively on Australian financial markets. The unit deals with the economic role of capital markets and theories of capital market behaviour. The operations of equity and derivative markets in Australia, including options and futures, are examined along with foreign exchange and debt markets. A new and important area of study known as 'market microstructure' is introduced and a number of issues in corporate governance and take-overs are examined.

**FINC 2004 Introductory Mathematical Finance**

8 credit points. Semester: 2. Classes: (2 hrs lectures +1 tutorial)/week plus additional workshops as required. Assumed knowledge: It is recommended that students reach the level of HSC 3 unit Mathematics prior to undertaking the unit. It is also recommended but not required that students either undertake the Maths/Stats major or avail themselves of units offered in Mathematics and Statistics. Other recommended units providing a useful background include ECON 2001, ECON 2901 and ECON 2903. Prerequisite: ECON 1001 and ECON 1002 and ECMT 1010 and ECMT 1020 and ACCT 1001 (or ACCT 1003). Corequisite: FINC 2001. Assessment: One 3hr exam, assignments.

The principle objective of this unit is to introduce students to the basic elements of the rapidly burgeoning field of Mathematical Finance. Students are exposed to key areas in the modern theory of finance and corporate financial policy with specific emphasis on their development and treatment from rigorous mathematical and statistical foundations. The unit will provide some of the necessary maths background so that the subject is reasonably self-contained. Topics that are introduced from a more mathematical perspective include principles of modern financial valuation and analysis; asset pricing theory and market efficiency; theory of portfolio selection and management; and measurement and management of financial risk.

**FINC 2092 Finance 2 Honours**

4 credit points. Semester: 2. Classes: weekly seminar. Prerequisite: Credit or higher grade in FINC 2001. Corequisite: FINC 2002 or FINC 2004. It is recommended that students undertake FINC 2004 as a corequisite. Students are also encouraged to undertake more advanced units in Econometrics including Financial Econometrics (ECMT 2030). Assessment: Assessment of advanced topics covered. A weekly workshop/seminar which deals with more advanced topics in corporate finance and the operation of financial markets.

Entry to FINC 2092 Second Year Finance Honours is competitive and depends on the applicant's grade point average as well as performance in prerequisite units of study.

**FINC 3001 International Financial Management**

8 credit points. Semester: 2, Summer. Classes: (2 hrs lectures + 1 tutorial)/week. Prerequisite: FINC 2001 and (FINC 2002 or FINC 2004) and ECON 2001 and ECON 2002 or ECON 2901 and ECON 2902. Assessment: Two, 2 hr exams; project; assignments.

Markets are increasingly globalised. There are very few businesses or industries that are not required to deal with issues such as foreign currency, foreign competition and direct investment. This unit of study is designed to allow students to extend their understanding of basic principles in finance to an international environment. Globalisation of markets introduces risks but also opens up profitable opportunities.

Topics covered include foreign currency valuation and markets, international parities conditions, measuring and managing foreign exposure, international portfolio management, capital budgeting and foreign direct investment, international tax management and international financing strategy.

**FINC 3002 Derivative Securities**

8 credit points. Semester: 1, Summer. Classes: (2 hrs lectures and 1 tutorial)/week; one workshop session (not every week). Prerequisite: FINC 2001 and (FINC 2002 or FINC 2004), and ECON 2001 and ECON 2002 or ECON 2901 and ECON 2902. Assessment: One report/sem, exams, assignment, tests.

Options, futures and swaps are derivatives of underlying securities such as equities and bonds. These relatively new and rapidly growing types of securities are increasingly used to manage risk exposure and as a relatively low-cost-way of taking a position in a security or portfolio. They are also being used as part of senior management compensation as a way of attempting to align the interests of shareholders with that of management.

The unit is designed to provide an introduction to this important area of finance without requiring on the part of students a high level of mathematical sophistication. Students will gain exposure to the operations of the Sydney Futures Exchange (SFE) and the Options Exchange and some may even choose to enhance their learning experience by investing small sums on these exchanges.

**FINC 3003 Corporate Control**

8 credit points. Semester: 1. Classes: (2 hrs lectures and 1 tutorial)/week plus additional workshops as required. Prerequisite: FINC 2001 and (FINC 2002 or FINC 2004) and ECON 2001 and ECON 2002 or ECON 2901 and ECON 2902. Assessment: Major practical assignment, several small exercises, one 3 hr exam.

The finance sector requires many professionals to advise and assist in the process of new company formation and listings on the stock exchange, acquisitions, mergers, restructurings, issuance of new debt and equity, board structure and composition including outside directors, structuring of executive compensation packages and the like. These activities generally fall under the rubric of corporate control, or in more modern academic parlance, 'corporate governance'.

This unit will focus on how corporations are formed, how ownership and control is allocated, and how it changes hands through takeovers, bankruptcies, and reorganisations. The following are covered: how the internal labour market and 'pay for performance' within firms impinges on the firm's capital structure; the role and nature of takeover bids and corporate restructuring; the questionable condemnation of 'management entrenchment'; the packaging of cashflow and control rights; the 'dual class' share controversy and 'super-voting' shares; leveraged buyouts; employee ownership and profit-sharing; the choice between debt, equity, and more complex securities; corporate governance including boards, active investors and regulators; and Anglo-American style firms versus the 'main bank' systems of Japan and Germany.

**Textbooks**

R.A.G. Monks and N.Minow, 'Corporate Governance for the 21st Century: Watching the Watchers' (Blackwell Business, 1996)

**FINC 3004 Trading and Dealing in Security Markets**

8 credit points. Semester: 2. Classes: (2 hrs lectures + 1 tutorial)/week. Prerequisite: FINC 2001 and (FINC 2002 or FINC 2004) and ECON 2001 and ECON 2002 or ECON 2901 and ECON 2902. Assessment: One 3hr exam, assignments.

The purpose of this unit is to provide students with a detailed working knowledge of Australia's exchange based securities markets. The emphasis is on understanding:

- patterns of trading behaviour within and between markets;
- the three main features of the markets, namely transaction costs, liquidity and volatility;
- the roles played by:
  - (i) institutional versus private investors;
  - (ii) brokers and market-makers;
  - (iii) principal and agency trading;
  - (iv) informational technology;
  - (v) regulation.

The broad aim of the unit is to provide students with both a practical appreciation of the institutional structure of exchange-based securities markets and a thorough research grounding in the techniques which lead to this understanding, namely the relatively new discipline known as 'security market microstructure'.

As an aid to learning the unit is currently being developed to include UniSMARTS, a market surveillance tool used by several exchanges.

**FINC 3005 Cases in Managerial Finance**

8 credit points. Semester: 2. Classes: (2 hrs lectures and 1 tutorial)/week, one workshop session (not every week). Prerequisite: FINC 2001 and (FINC 2002 or FINC 2004); and ECON 2001 and ECON 2002 or ECON 2901 and ECON 2902. Assessment: One 3hr exam, assignment, tests.

This is a capstone unit of study which focuses on the application of financial principles and methods to develop up-to-date problem solving techniques using an applied case study approach. The unit of study pulls together important contributions from earlier units in the finance major. Cases include issues in capital budgeting and cost of capital, financial decision making, financial statement analysis, international financial management, dividend policy and mergers and acquisitions, and investments. In addition to lectures, the unit is based around computer lab workshops and a competitive computer simulation game. There is a strong emphasis on working in teams to solve common problems.

**FINC 3007 Investments and Portfolio Management**

8 credit points. Semester: 1. Classes: (2hrs lectures +1 tutorial)/week. Prerequisite: FINC 2001 & (FINC 2002 or FINC 2004) and ECON 2001 and ECON 2002 or ECON 2901 and ECON 2902. Assessment: One mid-term exam (two hours), one final exam (two hours), one project.

This course is designed to provide a comprehensive analytical approach to the modern theory of Investments. Topics covered include the valuation of bonds and stocks, mean-variance analysis, Markowitz type portfolio analysis, duration and convexity analysis, term structure of interest rates, option pricing, portfolio insurance, performance evaluation, and forecasting. Basic statistics and probability concepts will be reviewed at the beginning to ensure that all students have adequate understanding. Although there will be a definite attempt to stress the analytical aspects of Investments theory, there will be also an equal amount of emphasis on the intuitive as well as practical aspects of the subject.

**FINC 3008 Bank Financial Management**

8 credit points. Semester: 2. Classes: 2 hrs lectures +1 tutorial/week. Prerequisite: FINC 2001 and (FINC 2002 or FINC 2004) and ECON 2001 and ECON 2002 or ECON 2901 and ECON 2902. Assessment: One 3hr exam, assignments.

This subject's central objective is to expose students to the basic principles of commercial bank management. The topics that are covered include: the theory and practice of banking from a financial management perspective; banks and the financial services industry; regulatory restrictions and financial management; performance analysis and strategic planning; asset management; performance analysis and strategic planning; asset management - liquidity; investment and loan management; liability and deposit management; capital structure and dividend decisions; and financial management implications of electronic banking, international banking, and other developments.



**FINC 3093 Finance 3 Honours (Corporate Control)**

4 credit points. **Semester:** 1. **Classes:** A weekly workshop/seminar.  
**Prerequisite:** Credit or higher grade in (FINC 2092 or FINC 2002 or FINC 2004) and ECON 2001 and ECON 2002 or ECON 2901 and ECON 2902.  
**Corequisite:** FINC 3003. **Assessment:** Assessment of advanced topics covered.

A weekly workshop/seminar which deals with more advanced aspects of finance, particularly corporate control and governance.

Entry to FINC 3093 Third Year Finance Honours is selective with preference given to students with a high grade point average. Preference is also given to students who have completed or are enrolled in ECMT 2010 Econometrics HA and are undertaking two units of Finance in the first semester.

**FINC 3094 Finance 3 Honours (Securities Markets)**

4 credit points. **Semester:** 2. **Classes:** A weekly workshop/seminar.  
**Prerequisite:** Credit or higher grade in FINC 3093 or credit or higher in either FINC 3002 or FINC 3003. **Corequisite:** FINC 3004. **Assessment:** Assessment of advanced topics covered.

A weekly workshop/seminar which deals with more advanced aspects of finance, particularly security market microstructure.

Entry to FINC 3094 Third Year Finance Honours is selective with preference given to students with a high grade point average. Preference is also given to students who have completed or are enrolled in Financial Econometrics (ECMT 2030) and are undertaking two units of Finance in the second semester.

**FINC 4101 Finance Honours A**

12 credit points. **Semester:** 1,2. **Prerequisite:** FINC 2092, FINC 3093 and FINC 3094 with the grade of Credit or better in at least two, or with the permission of the Head of Discipline. Requirements for the Pass degree must be completed before entry to level 4000 Honours units of study.

*NB: Permission required for enrolment.*

The Honours Year Program in Finance is directed at producing extremely high quality graduates who are capable of undertaking research in finance, either via an advanced research degree at the Master's or PhD level or in the financial community in technical/research-related positions requiring both a high level of analytical skills and an ability to work independently. Graduates are highly sought by investment banking, stockbroking, funds management and management consulting firms.

**The Program**

Typically, semester units will be offered in research methodology and computer/data/statistical skills. Initially, other units to be offered will most likely be on:

- securities market micro-structure;
- corporate governance,
- financial econometrics, and
- capital markets and information,

Actual offerings in any year will depend on staff availability and demand. With approval, the equivalent of a semester unit could be taken from other departments or faculties.

**Research Report**

The Research Report will be written up in the style of an academic article but with a more extensive literature review. Candidates are encouraged to undertake research of an original nature and of publishable quality from the outset. Typically the subject areas relate to the securities market micro-structure or corporate governance, or some combination of the two, since these are the areas in which the Discipline has expertise and supervisory skills.

Students who have completed double majors in Finance and Accounting, Finance and Econometrics, Finance and Economics or Finance and Marketing, and who are eligible to undertake Fourth Year Honours programs in Finance, may be eligible to undertake joint Honours programs, subject to approval of the Honours coordinators in both disciplines.

Candidates must enrol in FINC 4102, FINC 4103 and FINC 4104 to complete the honours year.

**FINC 4102 Finance Honours B**

12 credit points. **Semester:** 1,2.

**FINC 4103 Finance Honours C**

12 credit points. **Semester:** 1,2.

**FINC 4104 Finance Honours D**

12 credit points. **Semester:** 1,2.

**GOVT****GOVT 1101 Australian Politics**

6 credit points. **Semester:** 1,2. **Classes:** (2 lectures & 1 tutorial)/week. This unit aims to introduce 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 will be examined as arenas of power, conflict and consensus. Who rules? How? Which groups are excluded?

**GOVT 1202 World Politics**

6 credit points. **Semester:** 1,2, Summer. **Classes:** (2 lectures & 1 tutorial)/week.

Introduces the student to the major concepts and approaches of international relations. It will take the student through the traditional theories of international relations, and go on to look at the most recent developments within the discipline. It may look at the uses and problems of the comparative method. Themes examined include, the question of order and conflict in world politics, first-third world economic relations and feminist and critical approaches to traditional international relations theory. Students will be equipped with a broad theoretical understanding of international relations as well as an insight into other disciplines, notably politics in general, sociology and economics.

**GOVT 1207 Global Politics and the Environment**

6 credit points. **Semester:** 2.

Global environmental problems are often regarded as part of a 'new agenda' in international relations, potentially requiring a re-evaluation of traditional notions of international politics such as national sovereignty and security. This unit will examine the adequacy of more traditional notions of international politics in the light of the potential challenges posed by global environmental problems. The aims of the unit are to introduce students to the basic concepts employed in the study of international politics, the political nature of global environmental problems and the connection between these problems and processes of 'globalisation' and 'modernisation'. The unit covers issues such as the nature of the international politics, the influence of non-state actors (eg, environmental movements, international environment agencies), the link between scientific knowledge and political action, international equity and environmental problems (the North/South debate), etc.

**GOVT 1609 Ethnicity, Nationalism and Citizenship**

6 credit points. **Semester:** 1.

Decay of Empires like the Ottoman and Soviet unleashes nationalist forces that seem to involve an infinite regress: fragmentation into the smallest ethnic units. What is duty-worthy in the nation? Ties of blood and soil, like those of family, clan and tribe, characterise primordialism rather than ethical behaviour as such. Is this a truth or merely the way that we persuade ourselves that nationalism, racism and ethnicity are intractable to morality, beyond good and evil? Are philosophical reflection and ethical consciousness solvents of primordialism, and can multi-ethnic polities hold it at bay? These, the burning questions of post-modernity, which have been raised at critical junctures in the development of the state, and answered by theorists ancient as well as modern, will be the focus of this unit.

**GOVT 2091 Government 2 Honours**

8 credit points. **Semester:** 1. **Prerequisite:** Two Junior Government units of study at the level of Credit or better, or with the consent of the Head of Department.

The unit helps honours students develop the disciplines and skills they will need to excel in any area of substantial political inquiry. It will include attention both to theoretical approaches (problems of conceptualisation, explanation, comparing contending theories and ideologies) and to empirical data (the uses and limits of different research designs including the use of statistical data). It will examine these analytical themes in substantive areas.

**GOVT 2101 Human Rights and Australian Politics**

8 credit points. **Semester:** 2. **Prerequisite:** Two GOVT 1000 level units of study.

The unit focuses on the recent and growing political debate and policy initiatives in Australia aimed at implementing human rights policies in a number of areas. The emphasis of the unit is distinctly Australian and concerned with public policy aspects of human rights. It will however touch on the question of what are human rights and where do they come from. It will also be set in

the context of the various international instruments (UN Covenants and Conventions, International Labour Organisation instruments and the European Bill of Human Rights) as standards for the Australian debate, and pay attention to the role of governments to protect human rights in addition to the traditional concern of individual rights being protected against governments.

### **GOVT 2104 The Australian Political Party System**

8 credit points. Semester: 1, Summer. Prerequisite: Two GOVT 1000 level units of study.

The unit will look at the Australian political party system in a number of ways. Historically, the development of parties and the explanations for periods of hegemony, decline, splits, etc. Organisationally, the differing views, and their evolution, of models of organisation and their relation to the wider body politic. Philosophically, the presence or absence of philosophical and ideological bases for the parties and the importance of this for electoral purposes. Sociologically, the presence or absence of class bases for parties and the end of class parties. Functionally, interest aggregating and articulating, parties or pressure groups, the role of minor parties and their prospects and the 'independent' phenomenon.

### **GOVT 2106 Australian Foreign and Defence Policy**

8 credit points. Semester: 1. Prerequisite: Two GOVT 1000 level units of study.

Offers a broad understanding of the formation, execution, and nature of Australian foreign and defence policy. It considers the aims and objectives of Australia's foreign and defence policies, with reference to the global and regional environment. It reviews the role and interrelation of parliament, political parties, special interests, and government bureaucracy in shaping foreign and defence policy.

### **GOVT 2201 Politics of International Economic Relations**

8 credit points. Semester: 1. Prerequisite: Two GOVT 1000 level units of study.

This unit will provide an overview of the principal theoretical approaches to international political economy and how these apply to understanding the practice of international relations. The unit begins with an overview of trade relations, state-economy relations, hegemony and industrialisation in the 19th century, and proceeds through to the present. For the post - 1945 period special attention is given firstly, to the process of the US hegemony and how this has shaped modern international political economy; secondly to third world issues, especially multinational corporations, debt and under-development; and thirdly, an analysis of the state-economy relationship.

### **GOVT 2205 International Security in 21st Century**

8 credit points. Semester: 2. Prerequisite: Two GOVT 1000 level units of study.

This unit is a broad survey of post-Cold War international security issues. Issues such as the balance of power, international law, crisis management and disarmament are intended to introduce students to the wide variety of security challenges confronting foreign policy makers in the post-bipolar era. During the Cold War, the global US/Soviet rivalry dominated the international security agenda. While there were, of course, many other security challenges, these were generally overshadowed by superpower nuclear issues. Today's security agenda is more balanced between nuclear and oilier issues; indeed, a debate has arisen as to what security actually means at the beginning of the 21st century. That debate will be the unifying theme of the unit.

### **GOVT 2303 Media Politics**

8 credit points. Semester: 1. Prerequisite: Two GOVT 1000 level units of study or MECO 2003.

This unit focuses upon news = its production, contents and impacts, the special demands of different news organisations and of different news areas, the interests and strategies of various groups in affecting news content, and policy issues in regulating it. It will also focus upon the structures of Australia's media institutions and how these impinge on the processes of news production.

### **GOVT 2404 European Politics in Transition**

8 credit points. Semester: 1. Prerequisite: Two GOVT 1000 level units of study.

This unit will examine the problems of transition in European politics in three key areas: the shift towards advanced capitalist democracy in the southern Mediterranean; the steps towards transnational unity (through the EC) by northern European

nations; and the slow process of economic and political reform in eastern Europe. Different theoretical approaches will be used to examine these phenomena and these will include perspectives that stress the role of the world economy, political institutions and social movements.

### **GOVT 2410 Globalisation and National Governance**

8 credit points. Semester: 1. Prerequisite: Two GOVT 1000 level units of study.

It is widely believed 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 appraises these debates about state power erosion, focusing on the interplay between domestic institutions and international pressures. Its subject matter is therefore centrally concerned with the comparative and international politics of economic change. Lectures and tutorials will compare national responses to the changing global economic system, paying particular attention to international differences in state capacities for governing the market. The important questions that this concern raises are why political capacity is robust in some cases and weak in others; why domestic responses to international pressures are managed effectively or poorly; and why state involvement gets such mixed results, having positive effects in some cases, yet poor or perverse outcomes in others. Case studies will be drawn from Europe (Germany, Sweden, Britain, France, Italy), East Asia (Japan, South Korea, Taiwan) and the United States.

### **GOVT 2502 Policy Analysis**

8 credit points. Semester: 1. Prerequisite: Two GOVT 1000 level units of study (for Management major only: any four 1000 level units).

Examines Australian public policies in the context of modern theories and techniques of policy analysis. Policies in areas such as social welfare, immigration, foreign policy, broadcasting and the environment will be discussed in the framework of the main themes and their application. The unit also examines stages in the policy cycle, including policy initiation, formulation and allocation, implementation, evaluation and termination. Students will be encouraged to specialise in specific policy areas.

### **GOVT 2503 Comparative Social Policy**

8 credit points. Semester: 2. Prerequisite: Two GOVT 1000 level units of study.

This unit will provide an introduction to the major theoretical approaches used to explain the development of the welfare state and will also give an overview of the key substantive debates surrounding the provision of welfare in Australia and other — Attention will be given to the role of political parties, the labour movement, business interests, welfare lobby organisations and other pressure groups which attempt to influence welfare policy. The unit has both an historical and contemporary focus, and will consider critics of welfare on the right and left.

### **GOVT 2507 Public Sector Management**

8 credit points. Semester: 2. Prerequisite: Two GOVT 1000 level units of study (for Management major only: any four 1000 level units).

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. Debates and controversies such as the following are highlighted: where (if at all) 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; benchmarking, strategic management, risk management and other corporate governance practices in the public sector; commercialisation, corporatisation and privatisation; and parliamentary oversight and administrative law and their implications for the management process.

### **GOVT 2605 Ethics and Politics**

8 credit points. Semester: 2. Prerequisite: Two GOVT 1000 level units of study.

'Sticks and stones...': the ethics of political language and communication. Can language hurt? Is language only an expression of ideas? Does speech simply express an opinion or does it do more? What is 'speech'? This course will explore ideas around what it means to express an opinion, to engage in speech, by examining examples of speech directed at marginalised

groups including women and racial minorities. In the context of theories around speech, students will discuss how speech is regulated, and debate whether this regulation is appropriate or not. Areas of speech regulation to be investigated include free speech, freedom of the press, parliamentary privilege, privacy, advertising, academic freedom and the Internet. Controversial types of speech to be examined include gender-specific language, hate speech (primarily racist) and pornography. Students will be encouraged to select and study one controversial type of speech in-depth during the semester. The emphasis of the course is on Australian case study material, with some comparison with the USA and Canada.

#### GOVT 2606 Modernity and Politics

8 credit points. Semester: 1. Prerequisite: Two GOVT 1000 level units of study.

The politics of post-modernity raise the following question. Why did citizens acquiesce to the concentration of state power that constitutes the politics of modernity? Courtiers on the cusp of modernity engaged in a disunit counselling the king in prose and in verse producing great literatures of Renaissance Europe. But the instability of patrilineal kingship, the volatility of court politics and the premonition or experience of civil war prompted theorists like Hobbes and Locke to turn to the political and quasi-legal constraints of social contract backed by state coercion. Their social contract has become the model for modern state formation and citizenship based on individualism. Isolated from its historical context, contractarianism is no longer seen as the trial and error theory that it was at its inception. The shortcomings which modern critics of contractarianism raise - an incapacity to deal with collectivities and the tendency for rights-based cultures to deny the duties of community - are shortcomings of which the classically grounded humanists of the seventeenth century were clearly aware. Despite the later criticisms of Mary Astell and others, social contract entered the mainstream as the badge of democracy. Only now, when contract has been extended to all forms of social relations and when community is seriously under threat, is the model seriously contested.

#### GOVT 2701 Politics & Society in Modern Middle East

8 credit points. Semester: 1. Prerequisite: Two GOVT 1000 level units of study.

This unit will introduce students to the history, culture, politics and religion of the modern Middle East. Birth place of three of the world's major religions, Judaism, Christianity and Islam, and located at the cross-roads of three continents, this region has been the focus of humankind for millennia. The modern period of the Middle East, marked by the collapse of the Ottoman Empire and the creation of new nation states, has witnessed perennial conflict and political instability. The nature of state formation, the role of religion, oil politics and causes of conflict are the key themes that will be considered in this unit.

#### GOVT 2702 Israel, Palestinians & the Arab States

8 credit points. Semester: 2. Prerequisite: Two GOVT 1000 level units of study. Prohibition: JCTC 2008.

This unit attempts to survey the history of the Arab-Israeli conflict from the turn of the twentieth century until the present. The major focus will be an analysis of the complexity of causes of the conflict and a re-evaluation of the many and varied myths propagated by all sides. Jewish and Arab nationalisms, the role of religion and the role of external regional players will be examined. The final weeks of the unit will evaluate the failed peace process between Israel and the Palestinians as well as other regional and international factors which will shape relations between Israel and the Arabs, and between the Palestinians and the Arab states in the foreseeable future.

#### GOVT 2703 Consultation: Community, Business, Govt

8 credit points. Semester: 1. Prerequisite: Two GOVT 1000 level units of study.

This unit analyses the theory, practice and management of consultative processes through the application of theories of power and deliberative democracy - ie, theory-in-action. Consultation is fundamental to effective policy making and management in both public and corporate contexts. Consultation is often notable for its absence. The analytical skills that will be developed in this unit are indispensable to those undertaking a professionally-oriented degree in either context. As such, the unit is problem-based and adopts an action learning approach that will involve planning, coordinating, reviewing and evaluating

particular approaches to managing consultation in public and corporate organisational settings. There is a high degree of group activity as well as self-directed learning.

#### GOVT 3210 International Political Risk Analysis

8 credit points. Semester: 2. Classes: (1 hr lecture, 2 x 1 hr group workshops)/week. Prerequisite: Two GOVT 1000 level units and two GOVT 2000 level units of study not including 2091,3091 or 3092. The unit will employ case based and problem solving learning strategies to introduce students to applied political analysis and political risk assessment. The unit will see students work in core groups of 6 on team based case study projects. Students will gain knowledge of project design, implementation, and applied political research in an area specific to their case study. More generally, students will gain an understanding of risk analysis and assessment, specific knowledge about an individual country and industry area, and market and demographic knowledge about their industry and country case study.

Team project work will also provide students an opportunity to develop their time management and people management skills in terms of a demarcation of work and case study responsibilities. The unit is also designed to provide students with knowledge of a professional area of applied politics in the case of the consulting industry.

#### GOVT 3508 Internship in Public Policy and Affairs

16 credit points. Semester: 2. Prerequisite: Two GOVT 1000 level units and three GOVT 2000 level units of study not including 2091,3091 or 3092.

*NB: Permission required for enrolment. Enrolments limited by number of available placements in the community.*

This unit in applied politics provides senior students with an opportunity to complete a research project whilst undergoing a professional placement with a government or non-government organisation, for example Parliament of NSW, Premier's Department, State Chamber of Commerce, Community Aid Abroad. The unit includes preparatory coursework in policy-making processes and reflective practice. University-based workshops are followed by a placement with an organisational partner on a full-time basis (equivalent to 4 days per week for ten weeks). Students are required to complete a supervised, research project on behalf of the partner. Successful completion of the unit of study is dependent on the fulfilment of a learning and performance contract which students will negotiate. Written applications for the internship program are essential. Faculty permission is required for enrolment.

#### GOVT 3991 Government 3 Honours Part A

4 credit points. Semester: 1. Prerequisite: Two senior Government units, including GOVT 2091, each at the level of Credit or better, or with the consent of the Head of Department.

This is the first semester of a full year Honours program.

Political Power: Concepts and Methods. Power is one of the central concepts in the social sciences; indeed, it is often argued that political science can be defined as the study of power. Power is also extremely controversial: theoretically, methodologically and empirically. One of the major debates in political science has been about the way to investigate community power and what the investigations show about its distribution. This is the debate about the pluralist, elitist and class conceptions of power structure. Another controversy exists about the meaning of power and its relationship to other cognate concepts such as influence, authority, coercion, force, persuasion or manipulation. The unit will examine these debates. We will also look at the way the concept 'power' has been used in the political science literature dealing with such fields of study as international relations, state theory and business/government relations.

#### GOVT 3992 Government-3 Honours Part B

4 credit points. Semester: 2. Prerequisite: Two senior Government units, including GOVT 2091, each at the level of Credit or better, or with the consent of the Head of Department.

This is the second semester of a full year Honours program.

Research Preparation. Focuses on skills necessary in order to undertake fourth year thesis work. Areas covered include the selection of a thesis topic, research design and the organisation and writing up of research. Students prepare a thesis prospectus.

#### GOVT 4101 Government Honours A

12 credit points. Semester: 1,2. Prerequisite: Credit grades in two junior GOVT units, four senior GOVT units and GOVT 2091, GOVT 3991 and GOVT 3992. Requirements for the Pass degree must be completed before entry to level 4000 Honours units of study. In the case of students

enrolled in a combined law degree, credit grades in two junior GOVT units, three senior GOVT units and GOVT 2091, GOVT 3991 and GOVT 3992.

*NB: Permission required for enrolment.*

Students work under individual supervision. Besides preparing a substantial thesis, students take two seminars from such areas as political theory, Australian politics, international politics, and public policy and administration.

Candidates must enrol in GOVT 4102, GOVT 4103 and GOVT 4104 to complete the honours degree.

#### GOVT 4102 **Government Honours B**

12 credit points. Semester: 1,2.

#### GOVT 4103 **Government Honours C**

12 credit points. Semester: 1,2.

#### GOVT 4104 **Government Honours D**

12 credit points. Semester: 1,2.

## ■ IREL

### IREL 4101 **Industrial Relations Honours A**

12 credit points. Semester: 1,2. Prerequisite: IREL 3901 and eight level 2000 units of study in Industrial Relations at credit level or above.

Requirements for the Pass degree must be completed before entry to level 4000 Honours units of study. Assessment: Coursework, thesis.

*NB: Permission required for enrolment.*

The primary focus is on an original dissertation of approximately 20,000 words to be submitted at the end of Part B. In addition, students must undertake coursework as specified.

Candidates must enrol in IREL 4102, IREL 4103 and IREL 4104 to complete the honours year.

### IREL 4102 **Industrial Relations Honours B**

12 credit points. Semester: 1,2.

### IREL 4103 **Industrial Relations Honours C**

12 credit points. Semester: 1,2.

### IREL 4104 **Industrial Relations Honours D**

12 credit points. Semester: 1,2.

## ■ MKTG

### MKTG 2001 **Marketing Principles**

8 credit points. Semester: 1. Classes: (1 lec & 1 tut)/wk. Prerequisite: ECON 1001, ECON 1002, ECMT1010 and ECMT1020. Corequisite: ACCT1001 or ACCT1003. Assessment: Two 2hr exams (or equivalent), assignments.

*NB: Marketing units of study commence in second year, but prerequisites must be completed in first year.*

Introduction to the terminology and functions of marketing in modern business practice. Market forces and opportunities, with reference to the role of social, economic, political and global influences and trends. Macro (societal) and micro (individual and firm) implications of the market process and marketing decision-making.

### MKTG 2002 **Consumer Behaviour**

8 credit points. Semester: 2. Classes: (1 lec & 1 tut)/wk. Prerequisite: MKTG 2001. Corequisite: MKTG 2003. Assessment: Two 2hr exams (or equivalent), assignments.

Introduction to and overview of economic, psychological and sociological bases of consumer behaviour as they relate to the purchase and consumption of goods and services. Marketing implications of consumer behaviour and the interaction of consumers and the marketing process of organisations.

### MKTG 2003 **Marketing Research I**

8 credit points. Semester: 2. Classes: (1 lec & 1 tut)/wk. Prerequisite: MKTG 2001. Corequisite: MKTG 2002. Assessment: Two 2hr exams (or equivalent), assignments.

Introduction to marketing research and the marketing research industry. Basics of problem recognition, formulation, research design and reporting. Qualitative research methods. Survey design and data collection. Data entry and coding. Introduction to basic quantitative analysis. Research practicum.

### MKTG 3001 **Marketing Research II**

8 credit points. Semester: 1, Summer. Classes: (1 lec & 1 tut)/wk. Prerequisite: MKTG 2001 and MKTG 2002 and MKTG 2003.

Assessment: Two 2hr exams (or equivalent), assignments. Quantitative marketing research methods, including multivariate research methods and models. Analysis and interpretation of

data, report preparation and presentation. Applications to market segmentation, targeting, positioning and demand forecasting. Advanced research methods and overview of current state-of-the-art marketing research. Research practicum.

### MKTG 3002 **Marketing Communications**

8 credit points. Semester: 2. Classes: (1 lec & 1 tut)/wk. Prerequisite: MKTG 2001 and MKTG 2002 and MKTG 2003 and MKTG 3001.

Assessment: Two 2hr exams (or equivalent), assignments.

Introduction to and overview of current theory and practice in advertising in the main media (television, radio, print, outdoor, cinema), sales promotion, personal selling and the new media, such as the Internet. Course includes case studies and major research project.

### MKTG 3003 **Retail and Services Marketing**

8 credit points. Semester: 1. Classes: 1 lec/wk. Prerequisite: MKTG 2001 and MKTG 2002 and MKTG 2003. Corequisite: MKTG 3001.

Assessment: Two 2hr exams (or equivalent), assignments.

The role of marketing and the marketing function within retail and service organisations. Special marketing issues involved in these organisations. Course includes case study and research practicum.

### MKTG 3004 **New Products Marketing**

8 credit points. Semester: 2. Classes: (1 lec & 1 tut)/wk. Prerequisite: MKTG 2001 and MKTG 2002 and MKTG 2003 and MKTG 3001.

Assessment: Two 2hr exams (or equivalent), assignments.

Development and marketing of new consumer and industrial products and the role of the marketing function in that process. Identification of potentially profitable target markets and demand estimation. Dynamics of new product introductions. Course includes case study and research practicum.

### MKTG 3005 **Marketing and the Law**

8 credit points. Semester: 1. Classes: (1 lec & 1 tut)/wk. Prerequisite: MKTG 2001. Assessment: Two 2hr exams (or equivalent), assignments.

Development and marketing of new consumer and industrial products and the role of the marketing function in that process. Identification of potentially profitable target markets and demand estimation. Dynamics of new product introductions. Course includes case study and research practicum.

### MKTG 3006 **International marketing**

8 credit points. Semester: 1. Prerequisite: MKTG 2001, MKTG202 and MKTG 2003.

This unit aims to develop student skills in designing and implementing marketing strategies in diverse international contexts. All of the issues we face in international marketing are to some degree faced in some other aspect of marketing management and practice. The difference is that points of leverage to improve managerial performance may vary dramatically. The international context presents both opportunities and dangers, and the optimal strategies require effective inter-cultural comparisons. A systematic approach to international marketing can greatly improve the effectiveness of marketing programs and strategies.

### MKTG 3010 **Electronic marketing**

8 credit points. Semester: 2, Summer. Assumed knowledge: INFO 1000. Prerequisite: MKTG 2001. Assessment: One 3hr theory exam, one 3hr prac exam, 1 essay, quizzes, project.

This subject provides an overview of the concepts and processes specifically applicable to electronic marketing. The course will focus primarily on those aspects of marketing management that require differential understanding and execution than in a traditional marketing environment. The course will provide understanding of why these elements differ, and determine how to use/implement/execute them to fit e-trade environments. The fundamentals of marketing such as market analysis, strategy, and developing a marketing plan.

of the domain. However, in an e-commerce setting, different tools and/or techniques may be more or less available and/or more appropriate to use than in a traditional channel setting. Thus, the course will focus on how customers and consumer behaviour are different and differentially affected by marketing stimuli in an electronic setting. The primary areas of study may include marketing research on the Internet, database marketing, segmentation and targeting in an interactive setting, how e-retailing differs from brick and mortar, the importance of e-brand development, advertising and communication on the net and the processes and logistics associated with product delivery in an e-commerce setting. Students will be given the opportunity to apply their learning by using up-to-date technology and tools.

**MKTG 3090 Marketing Honours Preparation**  
8 credit points. Semester: 2. Classes: 1 lec/wk. Prerequisite: MKTG 2001 and MKTG 2002, MKTG 2003 and MKTG 3001 with a credit or better in each unit. Assessment: Two 2hr exams (or equivalent), assignments.

The role of marketing and the marketing function within retail and service organisations. Special marketing issues involved in these organisations. Course includes case study and research practicum.

**MKTG 4101 Marketing Honours A**  
12 credit points. Semester: 1,2. Prerequisite: Major in Marketing with a minimum of a high credit average in the core marketing syllabus (including at least one distinction or better grade), plus high achievement in Econometrics 2010 and 2020. Requirements for the pass degree must be completed before entry to level 4000 honours units of study. Assessment: Coursework and research.

*NB: Permission required for enrolment. All applications for Honours are a matter for consideration by the Discipline Honours Committee. Interested Honours students should register their interest with the Discipline before the commencement of second semester.*

The Honours program consists of two sequential semesters of seminar-based coursework, plus a scientific marketing research project leading to a research paper or thesis to be completed in the second semester. Components of the program are:

- (1) Marketing Honours Seminar. This course is integrated with the research project. It involves introducing students to the scientific method, the notion of scientific research teams, preparation of a research proposal, defence of this proposal, planning and designing the research, undertaking the research, analysing and presenting the results, writing a scientific research paper (thesis) and defending same.
- (2) Discipline Research Seminar series. This seminar meets weekly in both semesters and discusses recent and emerging literature in marketing, papers prepared by seminar participants or visitors, or other topics that are consistent with the interests and objectives of the participants.
- (3) Research Paper: This will be written up as an academic article but with a more extensive literature review. Students will work in research teams supervised by a staff member of the discipline. They are encouraged to undertake research of an original nature and of publishable quality from the outset. Typically the subject areas are related to methods of marketing research, new technology marketing, retail and services marketing and marketing communication, since these are the areas in which the Discipline has especially strong expertise and supervisory skills.

Joint Honours are available in Marketing and Econometrics. Candidates must enrol in MKTG 4102, MKTG 4103 and MKTG 4104 to complete the honours year.

**MKTG 4102 Marketing Honours B**  
12 credit points. Semester: 1,2.

**MKTG 4103 Marketing Honours C**  
12 credit points. Semester: 1,2.

**MKTG 4104 Marketing Honours D**  
12 credit points. Semester: 1,2.

## ■ WORK

**WORK 1001 Foundations of Industrial Relations**  
6 credit points. Semester: 1.

*NB: This is one of the compulsory units of study for the Industrial Relations/Human Resource Management major.*

This is the first unit of study in the Work and Organisational Studies program. It provides a foundation for studying the major issues affecting the regulation of paid work in the current industrial relations framework. At a time of immense change in the nature of employment and in the processes affecting it, this unit begins by providing students with a range of conceptual tools and competing points of view about rights, rules and conflicts at work. Thereafter, the central concern of the unit is to examine the social, economic and political context of industrial relations. This means that there is a focus on the role of key institutional parties such as unions, employer associations and government as well as upon employees and managers themselves. This unit combines theoretical and historical understandings of Australian industrial relations with a detailed examination of the current problems and strategies of these key industrial relations players.

**WORK 1002 Foundations of Human Resource Management**

6 credit points. Semester: 2.

*NB: This is one of the compulsory units of study for the Industrial Relations/Human Resource Management major.*

This unit of study is designed to provide students with the foundation knowledge necessary to understand workplace relations and human resource management within Australian organisations and to undertake further specialised study in senior level units of study. The focus is on the policies and practices associated with managing the employment relationship at the organisational and workplace levels in the context of the changing social, political and economic environments. The unit provides an overview of the development of Human Resource Management (HRM) and the relationship with personnel management and industrial relations. The course also seeks to introduce students to the main functions of HRM, including planning, staffing, rewarding and developing employees. Throughout the course students will be encouraged to distinguish between descriptive, prescriptive and critical approaches to Human Resource Management and to understand when the use of each is appropriate.

**WORK 2001 Foundations of Management**

8 credit points. Semester: 1. Classes: 2 lectures per week plus 1 seminar per week. Prerequisite: IREL1002 or WORK 1002.

*NB: This is the compulsory unit of study for the Management major.*

This course provides an overall introduction to management theory and process for students interested in pursuing a career in management. It serves both as a stand-alone unit for students who wish to obtain a brief overview of the field and as the basis of study for more advanced and specialised undergraduate units listed in the Management major. The course introduces students to the contribution of key authors to the development of management theory and by so doing provides a foundation for further and advanced study in the theory of management. It also examines management as a process of planning, organising, leading and controlling the efforts of organisational members and as one that uses resources internal and external to the firm to achieve specific organisational and social objectives. In so doing, it looks at the skills, knowledge and attitudes that are believed to be important for managers to successfully contribute to organisational performance. It also discusses how recent trends such as globalisation, economic change and the effects of new technology have led to profound changes in how organisations are structured, how they operate and what managers do. It explores these issues with respect to both large and small, public and private, and domestic and foreign organisations.

**WORK 2004 Sociology of Work**

8 credit points. Semester: 1. Classes: 2 lectures per week plus 1 seminar per week. Prerequisite: 48 junior credit points.

This subject begins with a brief introduction to sociology as a field of study and to the organizing principles of Australian and other societies in a global context. The focus of the unit is on patterns of change and stability in the structure of work and how work is experienced, with an emphasis on the organizational and occupational foundations of working life. Bureaucratic and flexible forms of work organization will be considered, as well as the sociological characteristics of a range of occupational groups. Macro-sociological issues such as the relationship between work and other institutions such as the family and education will be considered, as well as the micro-sociological foundations of relations at work.

**WORK 2005 Human Resource Processes**

8 credit points. Semester: 2. Classes: 2 lectures per week plus 1 seminar per week. Prerequisite: IREL 1001 and IREL 1002 OR WORK 1001 and WORK 1002.

Building on the foundation Human Resource Management (HRM) issues and concepts provided in WORK 1002, this unit provides an advanced coverage of a select range of human resource management processes and practices. The processes and practices that may be selected for detailed consideration include: human resource recruitment and selection; training and development; career planning and development; performance management and motivation; reward and remuneration management; managing workforce diversity; managing commitment, culture and change; international human resource management; and HRM system evaluation. Students are advised to consult the Work and Organisational Studies Discipline

beforehand regarding the specific mix of practices to be covered in any given session.

#### **WORK 2008 Work Safety**

8 credit points. **Semester:** 1. **Classes:** 2 lectures per week plus 1 seminar. **Prerequisite:** IREL 1001 and IREL 1002 OR WORK 1001 and WORK 1002.

Work Safety examines the industrial relations implications of occupational health and safety issues. The unit will be taught so as to emphasize the interdisciplinary nature of an appropriate study of occupational health and safety by drawing on a number of areas. Particular emphasis is given to industrial law and labour history with sociological and economic explanations for the persistence of occupational health and safety problems being examined. This is achieved by taking a number of occupational issues and discussing the physiology of the problems and placing it in an appropriate social and economic context. The unifying theme in the course is how occupational health and safety has been regulated and controlled by government, union and employer groups. To this end the role of the state over the past 150 years - especially in its attempts to deal with the prevention of and compensation for injuries and illness at work - is examined in some detail.

#### **WORK 2009 Organisational Analysis and Behaviour**

8 credit points. **Semester:** 2. **Classes:** 2 lectures per week plus 1 seminar per week. **Prerequisite:** IREL 1002 or WORK 1002.

This course introduces students to the key theoretical, conceptual and empirical materials in organisational behaviour. The aim is to provide an understanding of the actual processes and structures that influence how individuals and groups behave in organisations. It also explores important contingencies including cultural and political contingencies that impact on behaviour in organisations. At the end of the course students should have developed the ability to reason, debate and critically evaluate a range of organisational issues. These include: attitudes, perception and values, job design, organisational citizenship behaviour and workaholism, escalation and entrapment in decision making, organisational bullying and violence, group behaviour and leadership.

#### **WORK 2010 Strategic Management**

8 credit points. **Semester:** 1. **Classes:** 2 lectures per week plus 1 seminar per week. **Prerequisite:** IREL 1002 or WORK 1002.

The aim of this course is to critically examine the concept of 'strategy' in the management of organisations. It can be taken as either a stand alone unit of study or can be adopted as part of more advanced and specialised study of Management. The course is divided into three sections. The first section examines different approaches to strategy and strategic management and traces the development of strategic management as an academic discipline. The second section of the course takes students through the classical strategic management process as it is presented in most textbooks. The aim is give students the skills to be able to understand and complete a strategic plan. The third section of the course concentrates on a range of current issues in strategic management. These may include the reasons for and the consequences of mergers and acquisitions; downsizing as a turnaround strategy; the relationship between strategic planning and firm performance; the impact of corporate governance on strategy; and the application of strategic management practices to public sector and not for profit organisations. Overall the course should provide students with a good basic understanding of the strategic management process and also some critical perspectives on this process.

#### **WORK 2011 Human Resource Strategies**

8 credit points. **Semester:** 1. **Classes:** 2 lectures per week plus 1 seminar per week. **Prerequisite:** IREL 1001 and IREL 1002 OR WORK 1001 and WORK 1002.

Examines the links between human resource management and strategic management in different kinds of organisations, both in Australia and overseas. Provides a critical and in-depth analysis of the human resource management theories, paying particular attention to the concepts of strategy, people management and organisational performance. Considers contemporary and controversial issues in human resource management, which may include downsizing, outsourcing, knowledge management, governance and social responsibility.

#### **WORK 2013 The Development of Australian Management**

8 credit points. **Semester:** 2. **Classes:** 2 lectures per week plus 1 seminar per week. **Prerequisite:** IREL 1002 or WORK 1002.

The course focuses on the changing nature of job and organisational design and control, human resource management and industrial relations in Australia. Consideration will be given to the influences on management thought and practice, employee involvement arrangements, compensation practices and the relationship between management and trade unions.

#### **WORK 2016 Unions at Work**

8 credit points. **Semester:** 2. **Classes:** 2 lectures per week plus 1 seminar per week. **Prerequisite:** IREL 1001 and IREL 1002 OR WORK 1001 and WORK 1002.

Focussing mainly on unions in Australia, this unit of study explores the nature of workers' collective action in and beyond the workplace. It examines debates about the origins and purposes of collective action, the development of union structure and strategy and asks about the future of unionism. Particular issues to be addressed may include: ideology and politics in unions; democracy and the role of the union official; the gendered construction of unionism; 'solidarity' and 'difference' in unions; the economic impact of unions; international and local unionism; comparisons with overseas forms of worker organisation.



## 6 Science units of study

Units of study are listed by unit code. To find a unit of study by name, refer to the index.

### ■ BCHM

#### BCHM 2002 **Molecules, Metabolism and Cells**

8 credit points. Prof Kuchel, Dr Hancock, Biochemistry staff. Semester: 2, Summer. Classes: 3 lec & 5 prac/wk & voluntary tutorials. Prerequisite: MBLG 2001 or 2901. Prohibition: May not be counted with AGCH 2001 or BCHM 2102 or 2902. Assessment: One 3hr exam, one 2hr theory of prac exam, prac tasks.

This unit of study aims to describe how cells work at the molecular level. The chemical reactions which occur inside cells is described in the first series of lectures, Cellular Metabolism. Aspects of the molecular architecture of cells which enable them to function and communicate are described in the second half of the unit of study, Molecular Aspects of Cell Biology. At every stage the unit of study relates how the function of each individual cell is coordinated and integrated with other cells, especially in humans.

Cellular Metabolism: How cells extract energy from fuel molecules like fatty acids and carbohydrates. The regulation of energy metabolism. How the body selects which fuels to use under different circumstances such as starvation and exercise. The metabolic inter-relationships of the muscle, brain, adipose tissue and liver. The role of hormones in coordinating the regulation of fuel utilisation and the mobilisation of fuel stores. How cells lay down stores of fuels. The synthesis and storage of fat and carbohydrate. The digestion of fats, starches and sugars and the use of ingested materials to make new cellular components. Synthesis and use of biochemical building blocks. The strategies and mechanisms involved in biochemical reactions and the involvement of coenzymes and vitamins in biological inter-conversions.

Molecular Aspects of Cell Biology: Sub-cellular engineering; cytoskeleton and molecular motors. Intracellular motion and the mechanism of muscle contraction. Cell membranes and cell walls. Transport across cell membranes. Communication between cells via cell surface receptors. The molecular mechanism of hormone action and the transduction of cellular signals.

Practical: The practical component complements the theory component of BCHM 2002 by exposing students to experiments which investigate the effects of diet on the constituents of urine, the diagnosis of chronic disease using blood enzyme patterns, the measurement of glucose metabolism using radioactive tracers and the design of biochemical assays. During the unit of study, the generic skills developed in the practical component of MBLG 2001 will be 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. The techniques of radioisotope handling, enzyme and metabolite assay design, spectrophotometry and metabolic flux measurement will be taught as well as the basic laboratory abilities mastered in MBLG 2001.

#### Textbooks

Garrett RH & Grisham CM. Biochemistry. Saunders 1999  
Resource Manual for BITClrausby2PracticalSessibnsVSem2  
Study Resource for Biochemistry 2002 (Study Guides and Past Papers)

#### BCHM 2011 **Biochemistry**

8 credit points. Dr Collyer, Dr Hancock. Semester: 1. Classes: 3 lec & 5 prac/wk. Assumed knowledge: CHEM (1101 and 1102). Prerequisite: 12 credit points of Junior Chemistry. Corequisite: Recommended concurrent units of study: MBLG (2001 or 2901) for progression to Senior Biochemistry, and/or Intermediate Chemistry. Assessment: One 3hr exam, one 2hr theory of prac exam and prac tasks.

NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended

This unit of study introduces biochemistry by describing the physical and chemical activities of proteins, the role of carbohydrates and the functioning of membranes in cells. The

biochemistry describes details of protein interactions with other cellular components and the relationship of protein structure and function. 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 complements the protein science presented in MBLG 2001 and BCHM 2002 and is ideally suited to students studying intermediate Chemistry together with Biochemistry. The practical course will nurture technical skills in biochemistry that will include protein preparation, the analysis of protein structure, protein-protein interactions and functional assays.

#### Textbooks

Mathews, Van Holde & Ahem, Biochemistry, 3rd Edition Addison

Wesley Longman 2000

Brandon & Toozee, Introduction to Protein Structure, 2nd Edition. Garland 1999

#### BCHM 2102 **Molecules, Metabolism and Cells Theory**

4 credit points. Prof Kuchel, Dr Hancock, Biochemistry staff. Semester: 2, Summer. Classes: 3 lec/wk. Prerequisite: MBLG (2001 or 2101 or 2901). Prohibition: May not be counted with AGCH 2001 or BCHM 2002 or 2902. Assessment: One 3hr exam.

This unit of study comprises just the lecture component of BCHM 2002.

#### Textbooks

Garrett RH & Grisham CM. Biochemistry. Saunders 1999

Study Resource for Biochemistry 2002 (Study Guides and Past Papers)

#### BCHM 2902 **Molecules, Metabolism and Cells (Adv)**

8 credit points. Prof Kuchel, Dr Hancock, Biochemistry staff. Semester: 2. Classes: 3 lec & 5 prac/wk, voluntary tutorials & advanced tutorials. Qualifying: Distinction in MBLG 2001 or 2901. Prohibition: May not be counted with AGCH 2001 or BCHM 2002 or 2102. Assessment: One 3hr & one 1 hr theory exam, one 2hr theory of prac exam, prac tasks, special assignments.

The lecture and practical components are the same as for BCHM 2002. Selected students will be set special advanced assignments, and attend advanced tutorials.

#### Textbooks

Garrett RH & Grisham CM. Biochemistry. Saunders 1999

Resource Manual for Biochemistry 2 Practical Sessions, Sem 2

Study Resource for Biochemistry 2002 (Study Guides and Past Papers)

#### BCHM 3001 **Mol Biology and Structural Biochemistry**

12 credit points. Dr Easterbrook-Smith, Mrs Johnston, Biochemistry staff. Semester: 1. Classes: 4 lec & 8 prac/wk. Qualifying: For enrolment in 2002: MBLG 2001 or BCHM 2001/2901 or BCHM 2002/2902. For BMedSc students 32 credit points of Intermediate BMED units including BMED (2501 and 2502 and 2504). Prohibition: May not be counted with BCHM 3901. Assessment: One 3hr exam, one 2hr exam, prac work. NB: From 2003 the entry requirements will be: MBLG (2001 or 2901) and [BCHM (2011 or 2002 or 2902) or MBLG (2002 or 2902)]. For BMedSc students 32 credit points of Intermediate BMED units including BMED (2501 and 2502 and 2504)

This unit of study is designed to build on the units of study MBLG 2001 and BCHM 2002. It provides comprehensive training in molecular biology (with emphasis on eukaryotic systems) and structural biochemistry.

The lectures are divided into two topic areas. The Molecular Biology section provides a thorough description of modern molecular biology, particularly the molecular basis of cell cycle

expression, investigating promoter activity and enhancer action, the biochemical basis of differentiation of eukaryotic cells, the molecular basis of imprinting, the role of RNA in gene expression and molecular techniques for understanding regulation. The Structural Biochemistry section addresses the important areas of protein structure and protein folding in vivo, ligand binding, macromolecular interactions and examples of structure based drug design.

Practical: The practical component is designed to complement the lecture series and to provide students with experience in a wide range of techniques used in molecular biology and protein biochemistry laboratories. Practical classes run for an average of 8 hours over 2 days. Students are allocated to the Monday/

Tuesday class or to the Wednesday/Thursday class according to their other subjects.

*Textbooks*

Lewin B. Genes V.H. OUP. 2000

Branden C. and Tooze J. Introduction to Protein Structure. 2nd edition, Garland

**BCHM 3002 Cellular and Medical Biochemistry**

12 credit points. Dr Easterbrook-Smith, Mrs Johnston, Biochemistry staff. **Semester: 2. Classes:** 4 lec & 8 prac/wk. **Qualifying:** For enrolment in 2002: MBLG 2001 or BCHM 2001/2901 or BCHM 2002/2902. For BMedSc students 32 credit points of Intermediate BMED units including BMED (2501 and 2502 and 2504). **Prohibition:** May not be counted with BCHM 3902/3904. **Assessment:** One 3hr exam, one 2hr exam, prac work.

*NB: From 2003 entry requirements will be: MBLG (2001 or 2901) and [BCHM (2011 or 2002 or 2902) or MBLG (2002 or 2902)]. For BMedSc students: 32 credit points of Intermediate BMED units including BMED (2501 and 2502 and 2504)*

This unit of study is designed to build on the units of study MBLG 2001 and BCHM 2002. It involves the integration of basic knowledge in Biochemistry and Molecular Biology to give an understanding at the molecular level, of the function of cells and the body as a whole.

The lectures are divided into several areas including: signal transduction and the molecular basis of cell-cell interactions, the biochemistry of membrane transport, phagocytosis and receptor-mediated endocytosis, protein trafficking in eukaryotic cells, molecular immunology and its applications to cellular biochemistry, medical molecular biology, and links between intermediary metabolism and cellular biochemistry. The biochemical basis of some diseases, especially cancer and diabetes, will be used to illustrate many of these topics.

**Practical:** The practical component is designed to complement the lecture series and to provide students with experience in a wide range of techniques used in modern biochemistry laboratories. Practical classes run for an average of 8 hours over 2 days. Students are allocated to the Monday/Tuesday class or to the Wednesday/Thursday class according to their other subjects.

*Textbooks*

Cooper GM. The Cell: A Molecular Approach. ASM Press, 2000

**BCHM 3098 Functional Genomics and Proteomics**

6 credit points. Dr Downard. **Semester: 1. Classes:** 3 lec, 2 workshops & 1 tut/wk. **Assumed knowledge:** BCHM 2011. **Qualifying:** MBLG (2001 or 2901) or at least 32 credit points of intermediate BMED units including BMED (2501 and 2502 and 2504). **Assessment:** One 3 hour theory exam (50%), weekly tutorials (26%), and 4 workshop / assignments (24%).

This unit will introduce students to the emerging fields of functional genomics and proteomics and will focus on the principles and methodologies associated with the mapping of genomes, understanding gene function and expression, and identifying the structure and function of the proteins that these genes express. Four sections (each comprising approximately 10-12 lectures, a one day workshop or an assignment) will cover the following areas: Genomes and their relationships with Protein Structure; Functional and structural genomics; Proteomics from a global and functional perspective; Data mining strategies associated with the management and manipulation of Genomic and proteomic based data. Specific content will include: the evolution of genomes, genomic relationships, gene hunting, gene expression, manipulating gene products, sequencing methods, statistical analysis, expressed sequence tags and gene expression arrays, global versus functional proteomics, platforms and technologies for automated protein identification and quantification, two dimensional gel electrophoresis, mass spectrometry, mass maps and tags, protein sequencing, automation and sample handling, robotics, membranes and other supports, genome and protein databases, HTML and other Web based languages, tools for sequence identification and alignment, protein structure prediction, homology and molecular modeling.

**BCHM 3098 Functional Genomics and Proteomics**

6 credit points. Dr Downard. **Semester: 1. Classes:** 3 lec, 2 workshops & 1 tut/wk. **Assumed knowledge:** BCHM 2011. **Qualifying:** MBLG (2001 or 2901) or at least 32 credit points of intermediate BMED units including BMED (2501 and 2502 and 2504). **Assessment:** One 3 hour theory exam (50%), weekly tutorials (26%), and 4 workshop / assignments (24%).

This unit will introduce students to the emerging fields of functional genomics and proteomics and will focus on the principles and methodologies associated with the mapping of

genomes, understanding gene function and expression, and identifying the structure and function of the proteins that these genes express. Four sections (each comprising approximately 10-12 lectures, a one day workshop or an assignment) will cover the following areas: Genomes and their relationships with Protein Structure; Functional and structural genomics; Proteomics from a global and functional perspective; Data mining strategies associated with the management and manipulation of Genomic and proteomic based data. Specific content will include: the evolution of genomes, genomic relationships, gene hunting, gene expression, manipulating gene products, sequencing methods, statistical analysis, expressed sequence tags and gene expression arrays, global versus functional proteomics, platforms and technologies for automated protein identification and quantification, two dimensional gel electrophoresis, mass spectrometry, mass maps and tags, protein sequencing, automation and sample handling, robotics, membranes and other supports, genome and protein databases, HTML and other Web based languages, tools for sequence identification and alignment, protein structure prediction, homology and molecular modeling.

**BCHM 3901 Mol Biology and Structural Biochem (Adv)**

12 credit points. Dr Easterbrook-Smith, Mrs Johnston, Biochemistry staff. **Semester: 1. Classes:** 4 lec & 8 prac/wk & 4 seminars. **Qualifying:** Distinction in MBLG 2001 or BCHM 2001/2901 or BCHM 2002/2902; or 32 credit points of Intermediate BMED units including Distinctions in BMED (2501 and 2502 and 2504). **Prohibition:** May not be counted with BCHM 3001. **Assessment:** One 3hr exam, one 2hr exam, assignment, prac work.

*NB: From 2003 the requirements will be: Distinction in MBLG (2001 or 2901) and in [BCHM (2011 or 2002 or 2902) or MBLG (2002 or 2902)]. For BMedSc students 32 credit points of Intermediate BMED units including Distinctions in BMED (2501 and 2502 and 2504)*

The lecture and practical components of this unit of study are the same as for BCHM 3001. Qualified students will attend seminars/practical classes related to the topics covered in the core lectures in this unit of study.

*Textbooks*

Lewin B. Genes VII, OUP. 2000

Branden C. and Tooze J. Introduction to Protein Structure. 2nd edition, Garland.

**BCHM 3902 Cellular and Medical Biochemistry (Adv)**

12 credit points. Dr Easterbrook-Smith, Mrs Johnston, Biochemistry staff. **Semester: 2. Classes:** 4 lec & 8 prac/wk & 4 seminars. **Qualifying:** For enrolment in 2002: Distinction in MBLG 2001 or BCHM 2001/2901 or BCHM 2002/2902; or 32 credit points of Intermediate BMED units including Distinctions in BMED (2501 and 2502 and 2504). **Prohibition:** May not be counted with BCHM 3002/3904. **Assessment:** One 3hr exam, one 2hr exam, assignment, prac work.

*NB: From 2003 the entry requirements will be: Distinction in MBLG (2001 or 2901) and in [BCHM(2011 or 2002 or 2902) or MBLG (2002 or 2902)]. For BMedSc students 32 credit points of Intermediate BMED units including Distinctions in BMED (2501 and 2502 and 2504)*

The lecture and practical components of this units of study are the same as for BCHM 3002. Qualified students will attend seminars/practical classes related to the topics covered in the core lectures in this unit of study.

*Textbooks*

Cooper GM. The Cell: A Molecular Approach. ASM Press. 2000

**BCHM 3904 Cellular and Med Biochemistry..Mol (Adv)**

12 credit points. Dr Easterbrook-Smith, Mrs Johnston, Biochemistry staff. **Semester: 2. Classes:** 4 lec & 8hr/wk & 4 seminars. **Qualifying:** For enrolment in 2002: Distinction in MBLG 2001 or BCHM 2001/2901 or BCHM 2002/2902. **Prohibition:** May not be counted with BCHM 3002 or 3902. **Assessment:** One 3hr exam, one 2hr exam, assignment, prac work.

*NB: From 2003 the entry requirements will be: Distinction in MBLG (2001 or 2901) and in [BCHM(2011 or 2002 or 2902) or MBLG (2002 or 2902)].*

This unit of study is the same as BCHM 3002/3902 except for the addition of seminars and discussions in this discipline.

*Textbooks*

Cooper GM. The Cell: A Molecular Approach. ASM Press, 2000

## ■ BIOL

### BIOL 1001 Concepts in Biology

6 credit points. **Semester:** 1, Summer. **Classes:** 3 lec & 3 prac/wk. **Assumed knowledge:** HSC 2-unit Biology course. **Prohibition:** May not be counted with BIOL 1901 or 1500. **Assessment:** One 2.5hr exam, assignments, classwork.

'Concepts in Biology' is an introduction to the major themes of modern biology. Starting with interactions between organisms in biological communities, we move on to the diversity of microorganisms. This is followed by introductory cell biology, which particularly emphasises how cells obtain and use energy, and leads into an introduction to molecular biology through the role of DNA in protein synthesis and development. The genetics of organisms is then discussed, leading to consideration of theories of evolution and the origins of the diversity of modern organisms. It is recommended that this unit of study be taken before all other Junior units of study in Biology.

#### Textbooks

Knox R B et al. Biology. McGraw-Hill, 2nd ed, 2001.

### BIOL 1002 Living Systems

6 credit points. **Semester:** 2. **Classes:** 3 lec & 3 prac/wk. **Assumed knowledge:** HSC 2-unit Biology course. **Prohibition:** May not be counted with BIOL 1902 or 1500. **Assessment:** One 2.5hr exam, assignments, classwork.

'Living Systems' deals with the biology of all sorts 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. It is recommended that Concepts in Biology be taken before this unit of study. Enrolment may be restricted by the availability of places. This unit of study, together with BIOL 1001 or 1901, provides entry to all Intermediate units of study in biology in the School of Biological Sciences.

#### Textbooks

Knox R B (et al). Biology. McGraw-Hill, 2nd ed, 2001.

### BIOL 1003 Human Biology

6 credit points. **Semester:** 2, Summer. **Classes:** 2 lec, 1 session independent study & 3 prac/wk. **Assumed knowledge:** HSC 2-unit Biology course. **Prohibition:** May not be counted with BIOL 1903 or 1500 or EDUH 1016. **Assessment:** One 2.5hr exam, assignments, classwork. This unit of study provides an introduction to human evolution and ecology, cell biology, physiology and anatomy, through both lectures and practical work. It begins with human evolution, human population dynamics and the impact of people on the environment. The unit of study includes human nutrition, distribution of essential requirements to and from the cells, control of body functions and defence mechanisms. After discussion of reproduction and development, it concludes with some controversial aspects of human genetics. It is recommended that Concepts in Biology be taken before this unit of study. Enrolment may be restricted by the availability of places. This unit of study, together with BIOL 1001 or 1901, provides entry to Intermediate units of study in genetics and cell biology in the School of Biological Sciences, and with good performance or permission the School's other Intermediate units of study.

#### Textbooks

Seeley, RR et al. Essentials of Anatomy and Physiology. McGraw Hill,

3rd ed, 1999

Benjamin CL Tet' al. Human Biology. McGraw Hill, 1997 (Chapters 19, 20, 21, 22)

### BIOL 1500 Biology Today

6 credit points. Dr B Oldroyd. **Semester:** 2. **Classes:** 1 lec, 2 tut & 3hr project/wk. **Assumed knowledge:** No previous knowledge required. **Prohibition:** May not be counted with BIOL 1001, 1901, 1002, 1902, 1003, 1903 or 1904 or 1905. May not be counted as a prerequisite for any Intermediate units of study in Biology. **Assessment:** One 2hr exam, report, quizzes, teamwork.

This unit of study begins with a discussion of the nature, scope and diversity of biology and why it is of increasing relevance in policy development in contemporary society. Six themes each of two weeks follow. They include marine ecology and fisheries, land use and terrestrial ecology, global warming, genetically

modified foods, molecular genetics and human medicine, and evolution. The unit is very reliant on the use of the Internet to build up learning skills and knowledge about biology. We adopt a problem-based approach to learning. Students work in groups. There is no laboratory material.

#### Lectures and knowledge development

One lecture introduces the theme, and develops the scientific background. The lecture also raises social and political aspects and these usually form the basis of the problem to be investigated. Learning resources are made available through a dedicated Web site and are used for independent and cooperative research. The timetable includes Internet-mediated discussions with experts and other students, tutorials, and debates.

#### Team work and generic skills

Students will work in small groups to research each topic. There is a heavy reliance on information available from the Internet. The unit includes a subcurriculum that promotes the development of Internet learning skills and which has been developed by the University of Sydney Library. The unit of study fosters independent research, cooperative work, skills in Internet learning, and communication skills - as well as an understanding of the scope and relevance of contemporary biology.

Information about the unit of study is available at [www.bio.usyd.edu.au/SOBS/TEACffING/index.html](http://www.bio.usyd.edu.au/SOBS/TEACffING/index.html).

### BIOL 1901 Concepts in Biology (Advanced)

6 credit points. Dr D Hochuli, Dr S Hudson, Dr B Oldroyd. **Semester:** 1. **Classes:** 3 lec & 3 hrs prac/wk. **Prerequisite:** UAI of at least 93 and HSC Biology result in the 80th percentile or better, or Distinction or better in a University level Biology unit, or by invitation. **Prohibition:** May not be counted with BIOL 1001 or 1500. **Assessment:** One 2.5hr exam, assignments, classwork.

#### NB: Permission required for enrolment.

Selected students may be invited to participate in a more demanding alternative component of Concepts in Biology. The content and nature of this component will be determined each year. Details and selection criteria are announced at the start of semester.

### BIOL 1902 Living Systems (Advanced)

6 credit points. Dr D Hochuli, Dr S Hudson, Dr B Oldroyd. **Semester:** 2. **Classes:** 3 lec & 3 hrs prac/wk. **Prerequisite:** UAI of at least 93 and HSC Biology result in the 80th percentile or better, or Distinction or better in a University level Biology unit, or by invitation. **Prohibition:** May not be counted with BIOL 1002 or 1904 or 1905 or 1500. **Assessment:** One 2.5hr exam, assignments, classwork.

#### NB: Permission required for enrolment.

Selected students may be invited to participate in a more demanding alternative component of Living Systems. The content and nature of this component will be determined each year. Details and selection criteria are announced in the first semester.

### BIOL 1903 Human Biology (Advanced)

6 credit points. Dr D Hochuli, Dr S Hudson. **Semester:** 2. **Classes:** 2 lec, 1 session independent study & 3 hrs prac/wk. **Prerequisite:** UAI of at least 93 and HSC Biology result in the 80th percentile or better, or Distinction or better in a University level Biology unit, or by invitation. **Prohibition:** May not be counted with BIOL 1003 or 1904 or 1905 or 1500 or EDUH 1016. **Assessment:** One 2.5hr exam, assignments, classwork.

#### NB: Permission required for enrolment.

Selected students may be invited to participate in a more demanding alternative component of Human Biology. The content and nature of this component will be determined each year. Details and selection criteria are announced in the first semester.

### BIOL 1904 Living Systems Molecular (Advanced)

6 credit points. Dr G M Wardle, Dr K Raphael. **Semester:** 2. **Classes:** 3 lec & 3hr prac/wk & 7 discussion sessions. **Assumed knowledge:** HSC 2-unit Biology or BIOL 1901 or equivalent. **Prohibition:** May not be counted with BIOL 1002 or 1003 or 1902 or 1903 or 1905 or 1500. **Assessment:** One 2hr exam, assignments, classwork and an assignment based on discussion sessions.

#### NB: Students must be enrolled in the Bachelor of Science (Molecular Biology and Genetics) degree.

This unit of study is the same as BIOL 1902 except for the addition of 7 special molecular biology and genetics discussion sessions, which consist of topical seminars and discussions in this discipline. An essay based on these discussions can be included as part of the assessment of the unit of study. Students must be enrolled in the Molecular Biology and Genetics Degree Program.

**BIOL 1905 Human Biology Molecular (Advanced)**  
6 credit points. **Semester:** 2. **Classes:** 3 lec & 3hr prac/wk & 7 discussion sessions. **Assumed knowledge:** 2-unit HSC Biology or BIOL 1901 or equivalent. **Prohibition:** May not be counted with BIOL 1002 or 1003 or 1902 or 1903 or 1904 or 1500. **Assessment:** One 2hr exam, assignments, classwork and an assignment based on discussion sessions.

*NB: Students must be enrolled in the Bachelor of Science (Molecular Biology and Genetics) degree.*

This unit of study is the same as BIOL 1903 except for the addition of 7 special molecular biology and genetics discussion sessions, which consist of topical seminars and discussions in this discipline. An essay based on these discussions can be included as part of the assessment of the unit of study.

Students must be enrolled in the Molecular Biology and Genetics Degree Program.

### BIOL 2001 Animals A

8 credit points. Assoc. Prof. M B Thompson, Dr E L May. **Semester:** 1. **Classes:** 3 lec, 1 tut & 1 prac/wk or 4 lec & 1 prac/wk. **Prerequisite:** 12 credit points of Junior Chemistry (for students in the BSc (Marine Science) stream: 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics). **Qualifying:** BIOL (1001 or 1901) and either BIOL (1002 or 1902 or 1003 or 1903) or EDUH 1016 (for BEd (Secondary) (Human Movement and Health Education)). **Prohibition:** May not be counted with BIOL 2101 or 2901. **Assessment:** One 1 hr & one 2hr theory exams, one 2hr prac exam, 1 essay, tutorial work.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended. The content of BIOL 1002/1902 is assumed knowledge and students entering from BIOL 1003 or 1903 will need to do some preparatory reading. Students taking this unit concurrently with (or following completion of) BIOL 2004 or 2904 or 2006 or 2906 must complete 32 hours of alternative work in one unit*

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 evolution, phylogeny and biodiversity and provide opportunity to develop communication skills. The unit of study is designed to be taken in conjunction with BIOL 2002 Animals B; the two units of study together provide complete coverage of the diversity of animals at the level of phylum. This unit of study may be taken alone, but when taken with Biology 2002 Animals B provides entry into certain Senior Biology units of study.

### BIOL 2002 Animals B

8 credit points. Assoc. Prof. M B Thompson, Dr E L May. **Semester:** 2. **Classes:** 3 lec, 1 tut & 3 prac/wk or 4 lec & 3 prac/wk & one field trip. **Prerequisite:** 12 credit points of Junior Chemistry. For students in the BSc (Marine Science) stream: MBLG (2001 or 2101) and 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics. **Qualifying:** BIOL (1001 or 1901) and either BIOL (1002 or 1902 or 1003 or 1903) or EDUH 1016 (for BEd (Secondary) (Human Movement and Health Education)). **Prohibition:** May not be counted with BIOL 2102 or 2902. **Assessment:** One 3hr theory exam, one 2hr prac exam, 1 poster assignment, 1 essay, tutorial work.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended. The content of Biology 1002/1902 is assumed knowledge and students entering from BIOL 1003 or 1903 will need to do some preparatory reading.*

This unit of study completes the grounding in the diversity of animals at the level of phylum introduced in Biology 2001 Animals A by lectures, laboratory classes, and in the field with an intensive 3.5 day field trip. It focuses on vertebrates and invertebrate phyla not covered in BIOL 2001 Animals A. Lectures and discussion groups further explore concepts of evolution, phylogeny biodiversity and animal function. This unit of study complements BIOL 2001 Animals A and should preferably be taken after that unit of study. It is a prerequisite for most animal modules in Senior Biology.

### BIOL 2003 Plant Anatomy and Physiology

8 credit points. Assoc. Prof. Allaway, Dr McGee, Dr Overall, Dr Quinnell. **Semester:** 2. **Classes:** 2 lec, 1 prac/audiovisual & 1 tut/wk. **Qualifying:** BIOL (1001 or 1901) and either BIOL (1002 or 1902 or 1003 or 1903) or EDUH 1016 (for BEd (Secondary) (Human Movement and Health Education)). **Prohibition:** May not be counted with BIOL 2903. **Assessment:** Assessment one 2hr exam, one prac exam, practical reports.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended. The content of Biology 1002/1902 is assumed*

*knowledge and students entering from BIOL 1003 or 1903 will need to do some preparatory reading.*

The unit of study explores basic concepts in structure-function relationships in plants and their component organs, tissues and cells. It covers fundamental processes in plant growth and development including photosynthesis, translocation, water transport, nutrition, responses to light and gravity, and the role of plant hormones. Special attention is given to the anatomy and physiology of the Australian flora. Lectures and self-instructional audiovisual study are augmented by group discussions and laboratory experiments. This unit of study complements BIOL 2004 and leads up to advanced plant modules in Senior Biology.

*Textbooks*

Atwell B, Kriedemann P, Turnbull C. 1999. Plants in Action, Macmillian, Australia;

Salisbury FB, Ross CW, 1991. Plant Physiology, 4th ed. Wadsworth.

### BIOL 2004 Plant Ecology and Diversity

8 credit points. Dr McGee, Dr Henwood, Dr Marc, Dr Quinnell, Dr Wardle. **Semester:** 1. **Classes:** 2 lec, 1 prac/audiovisual & 1 tut/wk. **Qualifying:** BIOL (1001 or 1901) and either BIOL (1002 or 1902 or 1003 or 1903) or LWSC1002 or EDUH 1016 (for BEd (Secondary) (Human Movement and Health Education)). **Corequisite:** MICR 2013 for BLWSC. **Prohibition:** May not be counted with BIOL 2904. **Assessment:** One theory exam, 1 prac exam, one 1000w essay, classwork.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended. The content of Biology 1002/1902 is assumed knowledge and students entering from BIOL 1003 or 1903 will need to do some preparatory reading. Students taking this unit concurrently with (or following completion of) BIOL 2001 or 2901 or 2006 or 2906 must complete 32 hours of alternative work in one unit, in place of the core material common to both units and if taking the units concurrently, must elect at enrolment in which unit they wish to do the alternative work*

The unit of study provides an integrated overview of plant ecology and plant diversity. It examines how plants live in their natural environment, how their functions are affected by environmental changes and by other plants, and how the environment affects plant distribution. The rich diversity of plants living in the sea, freshwater, and on the land is explored in relation to major evolutionary advances in their form and function. Practical aspects are covered in laboratory classes, audiovisual sessions, and a field trip. Each student is required to make a plant collection. This unit of study complements BIOL 2003 and leads up to plant modules in Senior Biology.

### BIOL 2006 Cell Biology

8 credit points. Dr J Marc. **Semester:** 1. **Classes:** Weeks 1-4 (3 lec, 1 tut & 3 prac hrs/wk); Weeks 5-13 (3 lec & 4 prac hrs/wk). **Prerequisite:** 12 credit points of Junior Chemistry (for students in the BSc (Marine Science) stream: 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics). **Qualifying:** BIOL (1001 or 1901) and either BIOL (1002 or 1902 or 1003 or 1903 or 1905) or EDUH 1016 (for BEd (Secondary) (Human Movement and Health Education)). **Prohibition:** May not be counted with BIOL 2106 or 2906. **Assessment:** One 1 hr exam (based on weeks 1-4), one 2hr exam (based on weeks 5-13), pracs and assignments.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended. Students taking this unit concurrently with (or following completion of) BIOL 2001 or 2901 or 2004 or 2904 must complete 32 hours of alternative work in one unit, in place of the core material common to both and, if taking the units concurrently, must elect at enrolment in which unit they wish to do the alternative work*

A unit of study on cell biology and development in plants and animals with emphasis on cellular functions and favouring the molecular perspective. Topics include cell and organelle structure, function and evolution, cellular development and differentiation, and embryonic development. The unit of study is given by means of lectures, tutorials, and laboratory classes. It is designed to compliment intermediate Molecular Biology and Genetics units and leads into various senior modules in biology, including Ecophysiology, Animal Physiology, Plant Development, Plant Physiology, Terrestrial Vertebrates, and Bioinformatics.

*Textbooks*

Alberts B, Bray D, Johnson A, Lewis J, Raff M, Roberts K, Walter P.

1998. Essential Cell Biology. Garland Publishing.

Alberts B, Bray D, Lewis J, Raff M, Roberts K, Watson JD. 1994.

Molecular Biology of the Cell, Third Edition. Garland Publishing [this version becomes redundant if the next edition gets published before the end of 2001]

**BIOL 2007 Entomology Introductory**

8 credit points. Dr D Hochuli, Dr H Rose. Semester: 2. Classes: 2 lec, 1-2 tut & 4 prac/wk. Prerequisite: 12 credit points of Junior Chemistry. For students in the BSc(Marine Science) stream: MBLG (2001 or 2101) and 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics. Qualifying: BIOL (1001 or 1901) and either BIOL (1002 or 1902 or 1003 or 1903) or EDUH 1016 (for BEd (Secondary) (Human Movement and Health Education)). Assessment: One 3hr theory exam, assignment, insect collection. *NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended. The content of BIOL 1002/1902 is assumed knowledge and students entering from BIOL 1003 or 1903 will need to do some preparatory reading. See prerequisites for Senior units of study in Biology.*

A general but comprehensive introduction to Insect Biology, this unit of study develops understanding of the scientific approach to insect structural diversity, identification, life histories, development, physiology, ecology, biogeography, principles of control, toxicology of insecticides and biology of major economic pests in NSW. Practicals give a working knowledge of major orders of insects economically important species, principles of collection, preservation and identification. Entomological data bases are introduced, and students do a library assignment and make and present a small collection of insects. Leads into the Entomology module in Senior Biology.

**BIOL 2101 Animals A - Theory**

4 credit points. Assoc. Prof. M B Thompson, Dr E L May. Semester: 1. Classes: 3 lec & 1 prac/wk. Qualifying: BIOL (1001 or 1901) and either BIOL (1002 or 1902 or 1003 or 1903) or LWSC 1002 or EDUH 1016 (for BEd (Secondary) (Human Movement and Health Education)). Prohibition: May not be counted with BIOL 2001 or 2901. Assessment: One 1 hr and one 2hr theory exam, optional assignment. *NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended. The content of BIOL 1002/1902 is assumed knowledge and students entering from BIOL 1003 or 1903 will need to do some preparatory reading. Not a prerequisite for Senior units of study in Biology. Students taking this unit concurrently with (or following completion of) BIOL 2004 or 2904 or 2006 or 2106 or 2906 must complete 16 hours of alternative work in one unit, in place of the core material common to both units.*

This unit of study provides a broad background to the diversity of animals through lectures and museum-style displays. The material is presented within the conceptual framework of evolution and the principles and use of phylogeny and classification. It is suitable for students who are majoring in other areas of biology or other subjects but who wish to acquire an introduction to animal biology. The unit of study is designed to be taken with Biology 2102 Animals B - Theory. The diversity, morphology and evolution of most invertebrate phyla are presented.

**BIOL 2102 Animals B -Theory**

4 credit points. Assoc. Prof. M B Thompson and Dr E L May. Semester: 2. Classes: 3 lec & 1 prac/wk. Qualifying: BIOL (1001 or 1901) and either BIOL (1002 or 1902 or 1003 or 1903) or LWSC 1002 or EDUH 1016 (for BEd (Secondary) (Human Movement and Health Education)). Prohibition: May not be counted with BIOL 2002 or 2902. Assessment: One 2hr theory exam, one 1 hr prac exam, optional assignment. *NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended. The content of BIOL 1002/1902 is assumed knowledge and students entering from BIOL 1003 or 1903 will need to do some preparatory reading. Not a prerequisite for Senior units of study in Biology.*

This unit of study provides an introduction to the diversity of animals at the level of phylum. It provides a broad background in the diversity of animals and an introduction to phylogeny through lectures and demonstration material in laboratory classes. It focuses on vertebrates covered in Biology 2101 Animals A - Theory. This unit of study is designed to be taken with BIOL 2101 Animals A - Theory and should preferably be taken after that unit of study. It is suitable for students who are concentrating on other areas of biology or other units of study but who wish to acquire a background in animal biology.

**BIOL 2106 Cell Biology -Theory**

4 credit points. Dr J Marc. Semester: 1. Classes: 3 lec/wk. Prerequisite: 12 credit points of Junior Chemistry (for students in the BSc(Marine Science) stream: 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics). Qualifying: BIOL (1001 or 1901) and either BIOL (1002 or 1902 or 1003 or 1903) or EDUH 1016 (for BEd (Secondary) (Human

Movement and Health Education)). Prohibition: May not be counted with BIOL 2006 or 2906. Assessment: One 1 hr exam (based on weeks 1-4), one 2hr exam (based on weeks 5-13), and assignments.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended. Students taking this unit concurrently with (or following completion of) BIOL 2001 or 2901 or 2004 or 2904 must complete 32 hours of alternative work in one unit, in place of the core material common to both and, if taking the units concurrently, must elect at enrolment in which unit they wish to do the alternative work.*

This unit of study provides a solid theoretical foundation in cellular and developmental biology. Topics include cell and organelle structure, function and evolution, cellular development and differentiation, and embryonic development. It is presented in the form of lectures only; there are no tutorials or practical classes. This unit of study is not suitable for students wishing to continue with many senior modules in biology, for which BIOL 2006 and 2906 are appropriate.

**Textbooks**

Alberts B, Bray D, Johnson A, Lewis J, Raff M, Roberts K, Walter P.

1998. Essential Cell Biology. Garland Publishing.

Alberts B, Bray D, Lewis J, Raff M, Roberts K, Watson JD. 1994.

Molecular Biology of the Cell, Third Edition. Garland Publishing [this version becomes redundant if the next edition gets published before the end of 2001]

**BIOL 2901 Animals A (Advanced)**

8 credit points. Assoc. Prof. M B Thompson, Dr E L May. Semester: 1. Prerequisite: 12 credit points of Junior Chemistry (for students in the BSc (Marine Science) stream: 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics). Qualifying: Distinction average in BIOL 1001 or 1901 and one of BIOL 1002, 1902, 1003, 1903. These requirements may be varied and students with lower averages should consult the unit Executive Officer. Prohibition: May not be counted with BIOL 2001 or 2101. *NB: The completion of MBLG 2001 or 2901 or 2101 is highly recommended. The content of BIOL 1002/1902 is assumed knowledge and students entering from BIOL 1003 or 1903 will need to do some preparatory reading. Students taking this unit concurrently with (or following completion of) BIOL 2004 or 2904 or 2006 or 2906 must complete 32 hours of alternative work in one unit*

Qualified students will participate in alternative components of BIOL 2001 Animals A. The content and nature of these components may vary from year to year.

**BIOL 2902 Animals B (Advanced)**

8 credit points. Assoc. Prof. M B Thompson, Dr E L May. Semester: 2. Prerequisite: 12 credit points of Junior Chemistry. For students in the BSc(Marine Science) stream: MBLG (2001 or 2101) and 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics. Qualifying: Distinction average in BIOL (1001 or 1901) and one of BIOL (1002, 1902, 1003, 1903). These requirements may be varied and students with lower averages should consult the unit Executive Officer. Prohibition: May not be counted with BIOL 2002 or 2102.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended. The content of BIOL 1002/1902 is assumed knowledge and students entering from BIOL 1003 or 1903 will need to do some preparatory reading.*

Qualified students will participate in alternative components of BIOL 2002 Animals B. The content and nature of these components may vary from year to year.

**BIOL 2903 Plant Anatomy and Physiology (Advanced)**

8 credit points. Assoc. Prof. W G Allaway. Semester: 2. Qualifying: Distinction average in BIOL (1001 or 1901) and one of BIOL (1002, 1902, 1003, 1903). These requirements may be varied and students with lower averages should consult the unit Executive Officer. Prohibition: May not be counted with BIOL 2003.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended. The content of BIOL 1002/1902 is assumed knowledge and students entering from BIOL 1003 or 1903 will need to do some preparatory reading.*

Qualified students will participate in alternative components of BIOL 2003. The content and nature of these components may vary from year to year. See prerequisites for Senior units of study in Biology.

**BIOL 2904 Plant Ecology and Diversity (Advanced)**

8 credit points. Dr M Henwood. Semester: 1. Qualifying: Distinction average in BIOL 1001 or 1901 and one of BIOL 1002, 1902, 1003, 1903. These requirements may be varied and students with lower averages should consult the unit Executive Officer. Prohibition: May not be counted with BIOL 2004.



*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended. The content of BIOL 1002/1902 is assumed knowledge and students entering from BIOL 1003 or 1903 will need to do some preparatory reading. Students taking this unit concurrently with (or following completion of) BIOL 2001 or 2901 or 2006 or 2906 must complete 32 hours of alternative work in one unit, in place of the core material common to both units and if taking the units concurrently, must elect at enrolment in which unit they wish to do the alternative work.*

Qualified students will participate in alternative components of BIOL 2004. The content and nature of these components may vary from year to year. See prerequisites for Senior units of study in Biology.

#### BIOL 2906 Cell Biology (Advanced)

8 credit points. Dr J Marc. Semester: 1. Classes: Weeks 1-4 (3 lec, 1 tut & 3 prac hrs/wk); Weeks 5-13 (3 lec & 4 prac hrs/wk). Prerequisite: 12 credit points of Junior Chemistry (for students in the BSc(Marine Science) stream: 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics). Qualifying: Distinction average in BIOL 1001 or 1901 and one of BIOL 1002, 1902, 1003, 1903, 1905. These requirements may be varied and students with lower averages should consult the unit Executive Officer. Prohibition: May not be counted with BIOL 2006 or 2106. Assessment: One 1hr exam (based on weeks 1-4), one 2hr exam (based on weeks 5-13), prac and assignments.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended. Students taking this unit concurrently with (or following completion of) BIOL 2001 or 2901 or 2004 or 2904 must complete 32 hours of alternative work in one unit, in place of the core material common to both and, if taking the units concurrently, must elect at enrolment in which unit they wish to do the alternative work.*

Qualifying students will participate in alternative components of BIOL 2006. The content and nature of these components may vary from year to year. This is a core intermediate unit in the B Sc (Molecular Biology and Genetics) award course. See prerequisites for senior units of study in Biology.

#### Textbooks

Alberts B, Bray D, Johnson A, Lewis J, Raff M, Roberts K, Walter P.

1998. Essential Cell Biology. Garland Publishing.

Alberts B, Bray D, Lewis J, Raff M, Roberts K, Watson JD. 1994.

Molecular Biology of the Cell, Third Edition. Garland Publishing [this version becomes redundant if the next edition gets published before the end of 2001]

#### BIOL 3011 Ecophysiology

6 credit points. Prof. Hume, Dr McGee, Dr Seebacher A/Prof Thompson. Semester: 1. Classes: 4 lec and 8 prac/wk. Qualifying: 16 credit points of Intermediate Biology including BIOL 2002 or 2003 or 2006 or 2902 or 2903 or 2906. Prohibition: May not be counted with BIOL 3911. Assessment: One 1.5 hr exam, field trip quiz, laboratory reports.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

Ecophysiology covers physiological interactions between organisms and their environments. The range of environments inhabited by organisms is outlined and the influences of important environmental parameters including temperature, water, salt and pH are investigated. Physiological interactions among animals, plants and fungi are discussed. Animal examples will have an emphasis on vertebrates and on marine organisms. Plants from marine and terrestrial environments and the interaction with fungi are examined. Some emphasis will be placed on marine plants.

#### BIOL 3012 Animal Physiology

6 credit points. Assoc. Prof. Thompson, Prof. Hume. Semester: 1. Classes: 4 lec and 8 prac/wk. Qualifying: 16 credit points of Intermediate Biology including BIOL 2002 or 2003 or 2006 or 2902 or 2903 or 2906. Prohibition: May not be counted with BIOL 3912. Assessment: One 1.5 hr exam, laboratory/library reports.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

Animal Physiology explores aspects of the physiology of animals and how physiology is influenced by environmental factors. The emphasis of the unit of study is vertebrate animals, although invertebrate examples will be used where appropriate. The unit of study is designed to complement Ecophysiology. Particular emphasis will be placed on energy metabolism and respiration in a range of animals and how that is affected by body mass and locomotion. About half the course will be devoted to digestive physiology and wildlife nutrition.

#### BIOL 3013 Marine Biology

6 credit points. A/Prof Hinde and others. Semester: 1. Classes: 4 lec & 8 prac/wk (or field trip). Qualifying: 16 credit points of Intermediate Biology, including BIOL 2001 or 2002 or 2003 or 2004 or 2901 or 2902 or 2903 or 2904. Prohibition: May not be counted with BIOL 3913.

Assessment: One 1.5 hr exam, assignments.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

Marine biological diversity is discussed with particular attention to the main types of marine habitats represented along the Australian coastline. Emphasis is placed on exposing students to the key ideas, researchers and methodologies within selected fields of marine biology. Students will develop skills in areas such as protistology, the identification of algae, the biology of corals and other reef associated animals, as well as the techniques used to study marine animals and plants. Discussion sessions will review major marine biological themes. Laboratory sessions will develop hands-on experience with marine organisms, and mere may be a field trip.

#### BIOL 3014 Biology of Terrestrial Vertebrates

6 credit points. Prof. Shine, Dr Dickman. Semester: 1. Classes: 4 lec & 8 prac/wk. Qualifying: 16 credit points of Intermediate Biology.

Prohibition: May not be counted with BIOL 3914. Assessment: One 1.

5hr exam, laboratory report, quizzes, one 1 hr practical examination.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

This unit of study will review the biology of Australia's terrestrial vertebrate fauna, with emphasis on ecological and behavioural adaptations to the Australian environment. The adaptive radiations of amphibians, reptiles, birds and mammals will be discussed. Conservation issues involved with these taxa will also be a focus of the course. The unit aims to provide an overview of the distinctive features of the Australian environment, and how those peculiarities have shaped the way that terrestrial vertebrates have evolved in this continent.

#### BIOL 3015 Plant Systematics and Biogeography

6 credit points. Dr Henwood, Dr Taylor. Semester: 1. Classes: 4 lec & 8 prac/wk. Qualifying: 16 credit points of Intermediate Biology including BIOL 2004 or 2904. Prohibition: May not be counted with BIOL 3915.

Assessment: One 2hr exam, assignments.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

This unit of study will deal with the reproductive biology, biogeography and evolution of flowering plants. Students will be introduced to the latest methodologies and data sources employed in identifying evolutionary units (both past and present) and reconstructing their phylogenetic relationships. The general application of systematics - for example in ecology and conservation - will be considered.

#### BIOL 3017 Fungal Biology

6 credit points. Dr P McGee. Semester: 1. Classes: 5 lec & 15 prac in a two week intensive program immediately prior to semester one, plus the equivalent of 30hrs self-guided study during the semester. Qualifying: 16 credit points of Intermediate Biology, or 8 credit points or Intermediate Biology and 8 Intermediate credit points of either Microbiology or Geography, or their equivalent. Prohibition: May not be counted with BIOL 3917. Assessment: One 2hr take home exam, laboratory and written assignments.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

Students interested in fungal ecology, environmental and rehabilitation biology, fungal biodiversity, biological control and soil microbiology will study the structure and function of fungi. Emphasis will be placed on 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 examined, emphasising the use of these interactions in vegetation restoration and biocontrol of pests and pathogens. Students will be encouraged to develop a deeper understanding of one area of Fungal Biology through independent study. Part of the learning material will be available on the Internet.

#### BIOL 3018 Applications of Recombinant DNA Tech

6 credit points. Dr B Lyon & Prof. R Skurray. Semester: 1. Classes: 4 lec & 8 prac/wk. Qualifying: MBLG (2001/2901 and 2002/2902) or 16 credit points of Intermediate Biology including BIOL (2005 or 2905). For BMedSc students: 32 credit points of Intermediate BMED units including BMED 2502. Prohibition: May not be counted with BIOL 3918, 3103 or 3903. Assessment: One 2 hr exam, assignments, seminar.

A unit of study with lectures, practicals, tutorials and seminars on the utilisation of recombinant DNA technology in 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 the use of molecular techniques for nucleic acid isolation, characterisation and manipulation, gene cloning and PCR amplification, DNA sequencing and computer analysis of gene sequences, and immunological detection of proteins.

#### BIOL 3021 Plant Development

6 credit points. A/Prof. Overall, Dr Marc. Semester: 2. Classes: 4 lec & 8 prac/wk. Qualifying: 16 credit points of Intermediate Biology including BIOL 2003 or 2903 or 2006 or 2906. Prohibition: May not be counted with BIOL 3931. Assessment: One 2hr exam, assignments, one essay. *NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

Current topics in plant development are explored to the levels of plant cell biology and plant molecular biology. Subjects covered include the development of the plant body from embryo to a seedling, organogenesis at the shoot apical meristem, leaf development, differentiation of specialized cell types, signal transduction, plant hormones, developmental responses to the environment, role of extracellular matrix in plant development, development of polarity, and intercellular communication. Advances in the molecular basis of plant development are discussed. Practical work, which uses a variety of plant material including protoplasts, suspension cultures and Arabidopsis seedlings, involves a range of cellular and molecular techniques such as advanced light microscopy, immunochemistry, protein purification and characterisation, and the Green Fluorescent Protein technology. A one-day workshop at research institutions in Canberra involves seminars and discussion groups.

#### BIOL 3022 Plant Physiology

6 credit points. A/Prof. Allaway. Semester: 2. Classes: 3 lec & 8 prac/wk. Qualifying: 16 credit points of Intermediate Biology including BIOL 2003 or 2006 or 2903 or 2906. Prohibition: May not be counted with BIOL 3932. Assessment: One 2 hr exam, assignment reports. *NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

A unit of study of lectures, practical assignments and tutorials on the applications of plant physiology. The unit will begin with a consideration of the physiology of photosynthesis using conventional techniques and will go on to the use of the pulse amplitude modulated (PAM) fluorometer. There will follow an in-depth consideration of boundary layers in plants and the use of oxygen microelectrodes to measure photosynthesis, respiration and primary production. A consideration of nitrogen fixation and plant nutrition leads on to the use of gas exchange analysis, the activity of Rubisco in leaves and the activities of roots.

#### BIOL 3023 Ecological Methods

6 credit points. Dr Hochuli, Dr Holloway, Dr Wardle, Dr Dickman, Dr Chapman, Prof. Underwood. Semester: 2. Classes: 4 lec and 8 prac/wk. Qualifying: 16 credit points of Intermediate Biology including BIOL 2001 or 2901 or 2002 or 2902 or 2004 or 2904. Prohibition: May not be counted with BIOL 3923. Assessment: One 2 hr exam, laboratory reports.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

The unit of study will consider ecology as a theoretical, quantitative, experimental science concerned with the analysis of patterns of distribution, abundance, dynamics, demography and life-histories of natural populations with an appraisal of the nature of scientific investigations, from a philosophical viewpoint and the practicalities of testing hypotheses in the real world. Application of ecological theory and methods to practical problems will be integrated throughout the unit of study.

Lectures will be on sound philosophical and experimental principles and useful for the more informed management, conservation and utilization of natural populations and habitats. Practical classes will deal with practical methods of determining patterns of distribution and abundance, problems of sampling, estimation of ecological variables, and methods of statistical analysis of field data. Computer simulations and analyses will be used where appropriate. Students taking BIOL 3023 only do not

take the field course and will undertake coursework separate from the other students.

#### BIOL 3024 Ecology

6 credit points. Dr Hochuli, Dr Holloway, Dr Wardle, Dr Dickman, Dr Chapman, Prof. Underwood. Semester: 2. Classes: 4 lec and 8 prac/wk. Qualifying: BIOL (2001 or 2901) and BIOL (2002 or 2902) or 16 credit points of Intermediate Biology including BIOL (2004 or 2904). Corequisite: BIOL (3023 or 3923). Prohibition: May not be counted with BIOL 3924. Assessment: One 2 hr exam, laboratory reports, practical assignments.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

The unit of study consists of one of three Field units of study (before Semester 2 starts; all details will be announced when they are available) and one of three options: Marine Ecology, Terrestrial Ecology or Plant Ecology. Each student must choose one of these modules (which run concurrently) and must register for the associated field-unit of study. This is done through the School in semester one.

Marine Ecology will explore the designs of experimental analysis of marine populations, drawing upon extensive examples from intertidal assemblages of animals and plants and from the biology of subtidal organisms in coastal habitats. No particular mathematical or statistical skills are required for this module. Much emphasis will be placed on evaluation of recent studies in the literature. Laboratory classes will deal with techniques of analysis and experimental manipulation of natural assemblages. The relationships between experimental marine ecology and general ecological theory will be emphasised. The role of ecological science in management, conservation and exploitation of populations will be emphasised.

Terrestrial Ecology will consider the dynamics of ecological systems. Inter- and intra-specific competition, herbivory and predation will all be examined. Relationships between behavioural strategies of insect and vertebrate herbivores and predators, and the exploitation and conservation of their resources will be a major focus. In addition, practical work will investigate natural and exploited habitats. A major emphasis will be on the relationships between ecological science and methods for management of populations, conservation and managed exploitation of animal and plant resources and the control of pests (including biological control).

Plant Ecology integrates experimental studies, quantitative sampling and theoretical models to examine the ecological processes that produce complex interactions in natural populations. The lectures will include the following topics: plants as modular individuals, demography, life history variation, reproductive ecology, dispersal, dormancy, recruitment, effects of neighbours, plant animal interactions, natural selection, ecological genetics, vegetation structure and diversity, succession and gap phase regeneration. Examples will be given on the role of genetics, demography and population structure in the conservation and management of plants.

#### BIOL 3025 Evolutionary Genetics & Animal Behaviour

6 credit points. Dr Oldroyd, Prof. Shine. Semester: 2. Classes: 4 lec & 8 prac/wk. Qualifying: 16 credit points from MBLG 2001, MBLG 2901, MBLG 2002, MBLG 2902 and intermediate level Biology units. For BMedSc students 32 credit points of Intermediate BMED units including BMED 2502. Prohibition: May not be counted with BIOL (3925 or 3928). Assessment: One 2hr 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 phylogenetics and 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 memes 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.

#### BIOL 3026 Developmental Genetics

6 credit points. Dr Saleeba, Dr Raphael, A/Prof. Gillies. Semester: 2. Classes: 4 lec & 8 prac/wk. Qualifying: MBLG (2001/2901 and 2002/2902) or 16 credit points of Intermediate Biology including BIOL (2005 or

2905). For BMedSc students: 32 credit points of Intermediate BMED units including BMED 2502. **Prohibition:** May not be counted with BIOL 3926 or 3929. **Assessment:** One 2hr exam, assignments, seminar.

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, sex determination, 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, as well as genetic counselling. Practical work complements the theoretical aspects and develops important genetical skills.

### BIOL 3027 Bioinformatics and Genomics

6 credit points. Dr Firth, Dr Jermiin, Dr Saleeba and others. **Semester:** 1. **Classes:** 4 lec & 8 prac/wk. **Qualifying:** MBLG (2001 or 2101 or 2901) or 16 credit points of Intermediate Biology including BIOL (2001 or 2901 or 2004 or 2904 or 2005 or 2905 or 2006 or 2906). For BMedSc students: 32 credit points of Intermediate BMED units including BMED 2502.

**Prohibition:** May not be counted with BIOL 3927. **Assessment:** One 2 hr exam, assignments, seminar. A unit of study of 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 such as protein structures, chemical structures and pharmaceuticals are considered, together with classical taxonomy and biodiversity.

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.

### BIOL 3027 Bioinformatics and Genomics

6 credit points. Dr Firth, Dr Jermiin, Dr Saleeba and others. **Semester:** 1. **Classes:** 4 lec & 8 prac/wk. **Qualifying:** MBLG (2001 or 2101 or 2901) or 16 credit points of Intermediate Biology including BIOL (2001 or 2901 or 2004 or 2904 or 2005 or 2905 or 2006 or 2906). For BMedSc students: 32 credit points of Intermediate BMED units including BMED 2502.

**Prohibition:** May not be counted with BIOL 3927. **Assessment:** One 2 hr exam, assignments, seminar.

A unit of study of 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 such as protein structures, chemical structures and pharmaceuticals are considered, together with classical taxonomy and biodiversity.

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.

### BIOL 3911 Ecophysiology (Advanced)

6 credit points. Prof. Hume, Dr McGee, Dr Seebacher, A/Prof Thompson. **Semester:** 1. **Classes:** 4 lec and 8 prac/wk. **Qualifying:** Distinction average in 16 credit points of Intermediate Biology including BIOL 2002 or 2003 or 2006 or 2902 or 2903 or 2906. These requirements may be varied and students with lower averages should consult the unit Executive Officer. **Prohibition:** May not be counted with BIOL 3011. **Assessment:** One 1.5 hr exam, field trip quiz, laboratory reports, independent project report.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

Ecophysiology (Advanced) shares most of the same lectures as BIOL 3011 Ecophysiology, but it includes an independent project in place of one or more components of the laboratory classes to the equivalent of 20% of Ecophysiology. The content and nature of the independent project may vary from year to year.

### BIOL 3912 Animal Physiology (Advanced)

6 credit points. Assoc. Prof. Thompson, Prof. Hume. **Semester:** 1. **Classes:** 4 lec and 8 prac/wk. **Qualifying:** Distinction average in 16 credit points of Intermediate Biology including BIOL 2002 or 2003 or 2006 or 2902 or 2903 or 2906. These requirements may be varied and students with lower averages should consult the unit Executive Officer. **Prohibition:** May not be counted with BIOL 3012. **Assessment:** One 1.5 hr exam, laboratory reports, independent project report.

*NB: The completion of MBLG 2001 or 2101 or 2901 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.

### BIOL 3913 Marine Biology (Advanced)

6 credit points. A/Prof Hinde and others. **Semester:** 1. **Classes:** 4 lec & 8 prac/wk (or field trip). **Qualifying:** Distinction average in 16 credit points of Intermediate Biology including BIOL 2001 or 2002 or 2003 or 2004 or 2901 or 2902 or 2903 or 2904. These requirements may be varied and students with lower averages should consult the unit Executive Officer. **Prohibition:** May not be counted with BIOL 3013. **Assessment:** One 1.5 hr exam, assignments.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

Qualified students will participate in alternative components of the BIOL 3103 Marine Biology unit. The content and nature of these components may vary from year to year.

### BIOL 3914 Biology of Terrestrial Vertebrates (Adv)

6 credit points. Prof. Shine, Dr Dickman. **Semester:** 1. **Classes:** 4 lec & 8 prac/wk. **Qualifying:** Distinction average in 16 credit points of Intermediate Biology. These requirements may be varied and students with lower averages should consult the unit Executive Officer.

**Prohibition:** May not be counted with BIOL 3014. **Assessment:** One 1.5 hr exam, essay, quizzes, one 1 hr practical examination.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

Compared to the associated unit of study BIOL 3014, the Advanced unit has less practical work but contains an independent research project.

### BIOL 3915 Plant Systematics and Biogeography (Adv)

6 credit points. Dr Henwood, Dr Taylor. **Semester:** 1. **Classes:** 4 lec & 8 prac/wk. **Qualifying:** Distinction average in 16 credit points of Intermediate Biology including BIOL 2004 or 2904. These requirements may be varied and students with lower averages should consult the unit Executive Officer. **Prohibition:** May not be counted with BIOL 3015. **Assessment:** One 2hr exam, assignments.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*  
See BIOL 3015.

### BIOL 3917 Fungal Biology (Advanced)

6 credit points. Dr P McGee. **Semester:** 1. **Classes:** 5 lec & 15 prac in a two week intensive program immediately prior to semester one, plus the equivalent of 30hrs self-guided study during the semester. **Qualifying:** Distinction average in 16 credit points of Intermediate Biology, or 8 credit points or Intermediate Biology and 8 Intermediate credit points of either Microbiology or Geography, or their equivalent. **Prohibition:** May not be counted with BIOL 3017. **Assessment:** One 2hr take home exam, laboratory and written assignments.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

Qualified students will participate in alternative components of BIOL 3017 Fungal Biology. The content and nature of the components will vary each year, but will include individual research on a topic agreed on with the executive officer.

**BIOL 3918 Applications of Recombinant DNA Tech Adv**

6 credit points. Dr B Lyon. Semester: 1. Classes: 4 lec & 3 prac/wk. Qualifying: Distinction average in MBLG (2001/2901 and 2002/2902) or in 16 credit points of Intermediate Biology including BIOL (2005 or 2905). For BMedSc students: 32 credit points of Intermediate BMED units including Distinction in BMED 2502. These requirements may be varied and students with lower averages should contact the unit Executive Officer. Prohibition: May not be counted with BIOL 3018,3103 or 3903. Assessment: One 2 hr exam, assignments, seminar. Qualified students will participate in alternative components of BIOL 3018 Recombinant DNA Technology. The content and nature of these components may vary from year to year.

**BIOL 3923 Ecological Methods (Advanced)**

6 credit points. Dr Hochuli, Dr Holloway, Dr Wardle, Dr Chapman, Prof. Underwood. Semester: 2. Classes: 4 lec and 8 prac/wk. Qualifying: Distinction average in BIOL (2001 or 2901) and (2002 or 2902), or in 16 credit points of Intermediate Biology including BIOL (2004 or 2904). Prohibition: May not be counted with BIOL 3023. Assessment: One 2 hr exam, laboratory reports.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

This unit of study has the same objectives as BIOL 3023 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 2. This unit of study may be taken as a part of the BSc (Advanced) program.

**BIOL 3924 Ecology (Advanced)**

6 credit points. Dr Hochuli, Dr Holloway, Dr Wardle, Dr Dickman, Dr Chapman, Prof Underwood. Semester: 2. Classes: 4 lec and 8 prac/wk. Qualifying: Distinction average in BIOL (2001 or 2901) and (2002 or 2902), or in 16 credit points of Intermediate Biology including BIOL (2004 or 2904). Corequisite: BIOL (3023 or 3923). Prohibition: May not be counted with BIOL 3024. Assessment: One 2 hr exam, laboratory reports, practical assignments.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

This unit has the same objectives as BIOL 3024 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 unit 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 two. This unit of study may be taken as part of the BSc (Advanced).

**BIOL 3925 Evolutionary Gen. & Animal Behaviour Adv**

6 credit points. Dr Oldroyd, Prof. Shine. Semester: 2. Classes: 4 lec & 8 prac/wk. Qualifying: Distinction average in 16 credit points from MBLG 2001, MBLG 2901, MBLG 2002, MBLG 2902 and Intermediate Biology units. For BMedSc students 32 credit points of Intermediate BMED units including distinction in BMED 2502. These requirements may be varied and students with lower averages should consult the unit Executive Officer. Prohibition: May not be counted with BIOL (3025 or 3928). Assessment: One 2hr exam, assignments, seminar.

Qualified students will participate in alternative components of BIOL 3025 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.

**BIOL 3926 Developmental Genetics (Advanced)**

6 credit points. Dr Saleeba, Dr Raphael, A/Prof. Gillies. Semester: 2. Classes: 4 lec & 8 prac/wk. Qualifying: Distinction average in MBLG (2001/2901 and 2002/2902) or in 16 credit points of Intermediate Biology including BIOL (2005 or 2905). For BMedSc students 32 credit points of Intermediate BMED units including Distinction in BMED 2502. These requirements may be varied and students with lower averages should contact the unit Executive Officer. Prohibition: May not be counted with BIOL 3026 or 3929. Assessment: One 2hr exam, assignments, seminar. Qualified students will participate in alternative components to BIOL 3026 Developmental Genetics. The content and nature of these components may vary from year to year. Some assessment will be in an alternative format.

**BIOL 3927 Bioinformatics and Genomics (Advanced)**

6 credit points. Dr Firth, Dr Jermiin, Dr Saleeba and others. Semester: 1. Classes: 4 lec & 8 prac/wk. Qualifying: Distinction in MBLG (2001 or 2101 or 2901) or Distinction average in 16 credit points of Intermediate Biology including BIOL (2001 or 2901 or 2004 or 2904 or 2005 or 2905 or 2006 or 2906). For BMedSc students: 32 credit points of Intermediate BMED units including Distinction in BMED 2502. These requirements may be varied and students with lower averages should contact the unit Executive Officer. Prohibition: May not be counted with BIOL 3027.

Assessment: One 2 hr exam, assignments, seminar.

Qualified students will participate in alternative components of BIOL 3027 Bioinformatics and Genomics. The content and nature of these components may vary from year to year. Some assessment will be in alternative format.

**BIOL 3928 Evolutionary Genetics Molecular (Adv)**

6 credit points. Prof. Shine, Dr Oldroyd. Semester: 2. Classes: 4 lec & 8 prac/wk. Qualifying: Distinction average in 16 credit points of Intermediate Biology including BIOL 2905 or in MBLG (2001/2901 and 2002/2902). For BMedSc students: 32 credit points of Intermediate BMED units including Distinction in BMED 2502. These requirements may be varied and students with lower averages should contact the unit Executive Officer. Prohibition: May not be counted with BIOL (3025 or 3925). Assessment: One 2hr exam, assignments, seminar and an essay based on discussion sessions.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

This unit is the same as BIOL 3925 Evolutionary Genetics and Animal Behaviour (Advanced), except for the addition of topical seminars and discussions in this discipline.

**BIOL 3928 Evolutionary Genetics Molecular (Adv)**

6 credit points. Prof. Shine, Dr Oldroyd. Semester: 2. Classes: 4 lec & 8 prac/wk. Qualifying: Distinction average in 16 credit points of Intermediate Biology including BIOL 2905 or in MBLG (2001/2901 and 2002/2902). For BMedSc students: 32 credit points of Intermediate BMED units including Distinction in BMED 2502. These requirements may be varied and students with lower averages should contact the unit Executive Officer. Prohibition: May not be counted with BIOL (3025 or 3925). Assessment: One 2hr exam, assignments, seminar and an essay based on discussion sessions.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

This unit is the same as BIOL 3925 Evolutionary Genetics and Animal Behaviour (Advanced), except for the addition of topical seminars and discussions in this discipline.

**BIOL 3929 Developmental Genetics Molecular (Adv)**

6 credit points. Assoc. Prof. Gillies, Dr Raphael, Dr Saleeba. Semester: 2. Classes: 4 lec & 8 prac/wk. Qualifying: Distinction average in 16 credit points of Intermediate Biology including BIOL 2905 or in MBLG (2001/2901 and 2002/2902). Prohibition: May not be counted with BIOL 3026 or 3926. Assessment: One 2hr exam, assignments, seminar and an essay based on discussion sessions.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

This unit is the same as BIOL 3926 Developmental Genetics (Advanced) except for the inclusion of topical seminars and discussions in this discipline.

**BIOL 3931 Plant Development (Advanced)**

6 credit points. A/Prof. Overall, Dr Marc. Semester: 2. Classes: 4 lec & 8 prac/wk. Qualifying: Distinction average in 16 credit points of Intermediate Biology including BIOL 2003 or 2903 or 2006 or 2906. These requirements may be varied and students with lower averages should consult the unit Executive Officer. Prohibition: May not be counted with BIOL 3021. Assessment: One 2hr exam, assignments, one essay.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

Qualified students will participate in alternative components of the BIOL 3021 Plant Development, representing 20% of the total assessment. The students will be exempt from one standard essay and onestandard assignment, but instead will conduct an independent 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 and writing an essay on a related topic.

**BIOL 3932 Plant Physiology (Advanced)**

6 credit points. A/Prof. Allaway. Semester: 2. Classes: 3 lec & 8 prac/wk. Qualifying: Distinction average in 16 credit points of Intermediate Biology including BIOL 2003 or 2903 or 2006 or 2906. These requirements may be varied and students with lower averages should contact the unit Executive Officer. Prohibition: May not be counted with BIOL 3022. Assessment: One 2 hr exam, assignment reports.

*NB: The completion of MBLG 2001 or 2101 or 2901 is highly recommended.*

Qualified students will participate in alternative components of BIOL 3022 Plant Physiology. The content and nature of these components may vary from year to year. Some assessment will be in an alternative form.

## ■CHEM

**CHEM 1001 Fundamentals of Chemistry 1A**  
6 credit points. Semester: 1. Classes: 3 lec & 1 tut/wk & 3hrs prac/wk for 9 wks. 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. Prohibition: May not be counted with CHEM 1101 or 1901 or 1903 or 1905 or 1906 or 1909. Assessment: A theory examination is held at the end of the semester. Students are advised at the beginning of the semester about other factors contributing to assessment in the unit of study. 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.

**Practical:** A series of 9 three-hour laboratory sessions, one per week for 9 weeks of the semester.

### Textbooks

A booklet is contained in the booklet Information for Students distributed at enrolment. Further information can be obtained from the School.

**CHEM 1002 Fundamentals of Chemistry 1B**  
6 credit points. Semester: 2. Classes: 3 lec & 1 tut/wk & 3hrs prac/wk for 9 wks. Prerequisite: CHEM 1001 or 1101 or equivalent. Prohibition: May not be counted with CHEM 1102 or 1902 or 1904 or 1907 or 1908. Assessment: A theory examination is held at the end of the semester. Students are advised at the beginning of the semester about other factors contributing to assessment in the unit of study. Chemistry 1002 builds on Chemistry 1001 to provide a sound coverage of inorganic and organic chemistry.

Lectures: A series of 39 lectures, three per week throughout the semester.

**Practical:** A series of 9 three-hour laboratory sessions, one per week for 9 weeks of the semester.

### Textbooks

A booklet is contained in the booklet Information for Students distributed at enrolment. Further information can be obtained from the School.

**CHEM 1101 Chemistry 1A**  
6 credit points. Semester: 1,2. Classes: 3 lec & 1 tut/wk & 3hrs prac/wk for 9 wks. Assumed knowledge: HSC Chemistry and Mathematics. Corequisite: Recommended concurrent units of study: 6 credit points of Junior Mathematics. Prohibition: May not be counted with CHEM 1001 or 1901 or 1903 or 1905 or 1906 or 1909. Assessment: A theory examination is held at the end of the semester. Students are advised at the beginning of the semester about other factors contributing to assessment in the unit of study.

Chemistry 1A is built on a satisfactory prior knowledge of the HSC 2-unit 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.

**Practical:** A series of 9 three-hour laboratory sessions, one per week for 9 weeks of the semester.

### Textbooks

A booklet is contained in the booklet Information for Students distributed at enrolment. Further information can be obtained from the School.

**CHEM 1102 Chemistry IB**  
6 credit points. Semester: 1,2. Classes: 3 lec & 1 tut/wk & 3hrs praewk for 9 wks. Qualifying: CHEM 1101 or a Distinction in CHEM 1001 or equivalent. Corequisite: Recommended concurrent units of study: 6 credit points of Junior Mathematics including MATH 1003 or 1903. Prohibition: May not be counted with CHEM 1002 or 1902 or 1904 or 1907 or 1908. Assessment: A theory examination is held at the end of the semester. Students are advised at the beginning of the semester about other factors contributing to assessment in the unit of study. Chemistry IB is built on a satisfactory prior knowledge of Chemistry 1A and covers inorganic and organic chemistry. Chemistry IB is an acceptable prerequisite for entry into Intermediate Chemistry units of study.

Lectures: A series of 39 lectures, three per week throughout the semester.

**Practical:** A series of 9 three-hour laboratory sessions, one per week for 9 weeks of the semester.

### Textbooks

A booklet is contained in the booklet Information for Students distributed at enrolment. Further information can be obtained from the School.

**CHEM 1901 Chemistry 1A (Advanced)**  
6 credit points. Semester: 1. Classes: 3 lec & 1 tut/wk & 3hrs prac/wk for 9 wks. Prerequisite: UAI of at least 93 and HSC Chemistry result in the 80th percentile or better, or Distinction or better in a University level Chemistry unit, or by invitation. Corequisite: Recommended concurrent unit of study: 6 credit points of Junior Mathematics. Prohibition: May not be counted with CHEM 1001 or 1101 or 1903 or 1905 or 1906 or 1909. Assessment: A theory examination is held at the end of the semester. Students are advised at the beginning of the semester about other factors contributing to assessment in the unit of study. *NB: Permission required for enrolment.* Chemistry 1A (Advanced) is available to students with a very good HSC performance (typically a UAI of 92.5+) as well as a very good school record in chemistry or science. Students in these categories 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 very 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.

**Practical:** A series of 9 three-hour laboratory sessions, one per week for 9 weeks of the semester.

### Textbooks

A booklet is contained in the booklet Information for Students distributed at enrolment. Further information can be obtained from the School.

**CHEM 1902 Chemistry 1B (Advanced)**  
6 credit points. Semester: 2. Classes: 3 lec & 1 tut/wk & 3hrs prac/wk for 9 wks. Qualifying: CHEM 1901 or 1903 or Distinction in CHEM 1101 or equivalent. Corequisite: Recommended concurrent unit of study: 6 credit points of Junior Mathematics including MATH 1003 or 1903. Prohibition: May not be counted with CHEM 1002 or 1102 or 1904 or 1907 or 1908. Assessment: A theory examination is held at the end of the semester. Students are advised at the beginning of the semester about other factors contributing to assessment in the unit of study. *NB: Permission required for enrolment. Entry is by invitation.* Chemistry 1B (Advanced) is built on a satisfactory prior knowledge of Chemistry 1A (Advanced) and covers inorganic and organic chemistry. 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.

**Practical:** A series of 9 three-hour laboratory sessions, one per week for 9 weeks of the semester.

### Textbooks

A booklet is contained in the booklet Information for Students distributed at enrolment. Further information can be obtained from the School.

**CHEM 1903 Chemistry 1A (Special Studies Program)**  
6 credit points. Semester: 1. Classes: 3 lec & 1 tut/wk & 3hrs prac/wk. Prerequisite: UAI of at least 98.7 and HSC Chemistry result in the 90th percentile or better, or Distinction or better in a University level Chemistry unit, or by invitation. Students in the Faculty of Science Talented Students Program are automatically eligible. Corequisite: Recommended concurrent unit of study: 6 credit points of Junior Mathematics. Prohibition: May not be counted with CHEM 1001 or 1101 or 1901 or 1905 or 1906 or 1909.

*NB: Permission required for enrolment. 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 a UAI of 98.7 and an excellent school record in chemistry or science. 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 IB (Special Studies Program).

**CHEM 1904 Chemistry 1B (Special Studies Program)**  
6 credit points. **Semester:** 2. **Classes:** 3 lec & 1 tut/wk & 3hrs prac/wk.  
**Prerequisite:** Distinction in CHEM 1903. **Corequisite:** Recommended concurrent units of study: 6 credit points of Junior Mathematics including MATH 1003 or 1903. **Prohibition:** May not be counted with CHEM 1002 or 1102 or 1902 or 1907 or 1908.

*NB: Permission required for enrolment. Entry is by invitation.*

*This unit of study is deemed to be an Advanced unit of study.*

Entry to Chemistry IB (Special Studies Program) is restricted to students who have gained a Distinction in Chemistry 1A (Special Studies Program). The practical work syllabus for Chemistry IB (Special Studies Program) is very different from that for Chemistry IB and Chemistry IB (Advanced) and consists of special project-based laboratory exercises. All other unit of study details are the same as those for Chemistry IB (Advanced).

Chemistry IB (Special Studies Program) is an acceptable prerequisite for entry into Intermediate Chemistry units of study.

**CHEM 1905 Chemistry 1A Molecular (Advanced)**  
6 credit points. **Semester:** 1. **Classes:** 3 lec/tut & 3hr prac/wk for 10 weeks & 7 discussion sessions. **Prerequisite:** UAI of at least 93 and HSC Chemistry result in the 80th percentile or better, or Distinction or better in a University level Chemistry unit, or by invitation. **Corequisite:** Recommended concurrent unit of study: 6 credit points of Junior Mathematics. **Prohibition:** May not be counted with CHEM 1001 or 1101 or 1901 or 1903 or 1906 or 1909. **Assessment:** One 3hr closed book exam (70%), prac reports and quizzes (15%), assignments (5%), essay based on discussion sessions (10%).

*NB: Permission required for enrolment.*

This unit of study is the same as Chemistry 1901 except for the addition of 7 special molecular biology and genetics discussion sessions, which consist of topical seminars and discussions in this discipline. An essay based on these discussions is included as part of the assessment of the unit of study.

**CHEM 1906 Chemistry 1A Mol (Special Studies Prog)**  
6 credit points. **Semester:** 1. **Classes:** 3 lec/tut & 3hr prac/wk & 7 discussion sessions. **Prerequisite:** UAI of at least 98.7 and HSC Chemistry result in the 90th percentile or better, or Distinction or better in a University level Chemistry unit, or by invitation. Students in the Faculty of Science Talented Students Program are automatically eligible. **Corequisite:** Recommended concurrent unit of study: 6 credit points of Junior Mathematics. **Prohibition:** May not be counted with CHEM 1001 or 1101 or 1901 or 1903 or 1905 or 1909. **Assessment:** One 3hr closed book exam (70%), prac reports (15%), assignments (5%), essay based on discussion sessions (10%).

*NB: Permission required for enrolment. Entry is by invitation.*

*This unit of study is deemed to be an Advanced unit of study.*

This unit of study is the same as Chemistry 1903 except for the addition of 7 special molecular biology and genetics discussion sessions, which consist of topical seminars and discussions in this discipline. An essay based on these discussions is included as part of the assessment of the unit of study.

**CHEM 1907 Chemistry 1 Life Sciences A Mol (Adv)**  
6 credit points. **Semester:** 1. **Classes:** Total of 6hrs per week consisting on average of 3 lectures, 1 tutorial/discussion session and 2hrs of practical work. **Prerequisite:** UAI of at least 93 and HSC Chemistry result in the 80th percentile or better, or Distinction or better in a University level Chemistry unit, or by invitation. **Corequisite:** Recommended concurrent units of study: 6 credit points of Junior Mathematics. **Prohibition:** May not be counted with CHEM 1002 or 1102 or 1902 or 1904 or 1908. **Assessment:** Exam 75%, practicals 15%, essay based on discussion sessions 10%.

Lectures (39 hr): 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 this applies 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/Discussions (13 hr): These will provide aspects of problem solving and will include special lectures on aspects of molecular biology and genetics from external experts.

Practical: (30 hr): These will be designed to develop practical skills based on the theory presented in the lectures.

*Textbooks*

A booklet is contained in the booklet Information for Students distributed at enrolment. Further information can be obtained from the School.

**CHEM 1908 Chemistry 1 Life Sciences A (Advanced)**  
6 credit points. **Semester:** 1. **Classes:** Total of 6hrs per week consisting on average of 3 lectures, 1 tutorial/discussion session and 2hrs of practical work. **Prerequisite:** UAI of at least 93 and HSC Chemistry result in the 80th percentile or better, or Distinction or better in a University level

Chemistry unit, or by invitation. **Corequisite:** Recommended concurrent units of study: 6 credit points of Junior Mathematics. **Prohibition:** May not be counted with CHEM 1002 or 1102 or 1902 or 1904 or 1907.

**Assessment:** A theory examination is held at the end of the semester. Students are advised at the beginning of the semester about other factors contributing to assessment in the unit of study.

*NB: Permission required for enrolment.*

Lectures (39 hr): 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/Discussions (13 hr): These will provide aspects of problem solving relevant to the theory.

Practical: Practicals (30hr) These will be designed to develop practical skills based on the theory presented in the lectures

*Textbooks*  
A booklet is contained in the booklet Information for Students distributed at enrolment. Further information can be obtained from the School.

**CHEM 1909 Chemistry 1 Life Sciences B Mol (Adv)**  
6 credit points. **Semester:** 2. **Classes:** Total of 6hrs per week consisting on average of 2 lectures, 1 tutorial/discussion session and 3hrs of practical work. **Prerequisite:** CHEM 1907 or 1908 or equivalent.

**Corequisite:** Recommended concurrent units of study: 6 credit points of Junior Mathematics. **Prohibition:** May not be counted with CHEM 1001 or 1101 or 1901 or 1903 or 1905 or 1906. **Assessment:** A theory examination is held at the end of the semester. Students are advised at the beginning of the semester about other factors contributing to assessment in the unit of study.

Lectures (26 hr): 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/Discussions (13 hr): These will provide aspects of problem solving relevant to the unit of study.

Practical: (30 hr) These will be designed to develop practical skills based on the theory presented in the lectures

*Textbooks*

A booklet is contained in the booklet Information for Students distributed at enrolment. Further information can be obtained from the School.

**CHEM 1909 Chemistry 1 Life Sciences B Mol (Adv)**  
6 credit points. **Semester:** 2. **Classes:** Total of 6hrs per week consisting on average of 2 lectures, 1 tutorial/discussion session and 3hrs of practical work. **Prerequisite:** CHEM 1907 or 1908 or equivalent.

**Corequisite:** Recommended concurrent units of study: 6 credit points of Junior Mathematics. **Prohibition:** May not be counted with CHEM 1001 or 1101 or 1901 or 1903 or 1905 or 1906. **Assessment:** A theory examination is held at the end of the semester. Students are advised at the beginning of the semester about other factors contributing to assessment in the unit of study.

Lectures (26 hr): 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/Discussions (13 hr): These will provide aspects of problem solving relevant to the unit of study.

Practical: (30 hr) These will be designed to develop practical skills based on the theory presented in the lectures

*Textbooks*

A booklet is contained in the booklet Information for Students distributed at enrolment. Further information can be obtained from the School.

**CHEM 2001 Chemistry 2 (Life Sciences)**

8 credit points. **Semester:** 1. **Classes:** 4 lec & 4hr prac/wk. **Prerequisite:** 6 credit points of Junior Mathematics. **Qualifying:** CHEM 1102 or 1902 or 1904 or 1909. **Prohibition:** May not be counted with CHEM 2101 or 2301 or 2901 or 2903 or 2311 or 2312 or 2502. **Assessment:** Theory (67%), lab exercises (33%).

This unit of study comprises approximately 51 lectures consisting of: Organic Reaction Mechanisms in Biological Systems; Chemical Analysis and Spectroscopy of Biomolecules; Chemistry of Biomaterials (biopolymers, metalloproteins, biomineralisation etc). Non-compulsory tutorials will also be provided at a rate of one per week.

Additional information: The aim of this unit of study is to provide students interested in life sciences with the chemical knowledge required for an understanding of the subject. **Practical:** Practical work entails 4 hours per week for 13 weeks during the semester. Students must ensure that one complete afternoon from 1pm to 5pm, free from other commitments, is available for this practical work.

**CHEM 2101 Chemistry 2 (Environmental)**

8 credit points. **Semester:** 1. **Classes:** 4 lec & 4hr prac/wk. **Prerequisite:** 6 credit points of Junior Mathematics. **Qualifying:** CHEM 1102 or 1902 or 1904 or 1909. **Prohibition:** May not be counted with CHEM 2001 or 2301 or 2901 or 2903 or 2311 or 2312 or 2502. **Assessment:** Theory (67%), lab exercises (33%).

The aim of this unit of study is to provide students interested in environmental science with the chemical knowledge required for an understanding of the area.

**Practical:** As for CHEM 2001.

**CHEM 2301 Chemistry 2A**

8 credit points. **Semester:** 1. **Classes:** 4 lec & 4hr prac/wk. **Prerequisite:** 6 credit points of Junior Mathematics. **Qualifying:** CHEM 1102 or 1902 or 1904 or 1909. **Prohibition:** May not be counted with CHEM 2001 or 2101 or 2901 or 2903 or 2311 or 2312 or 2502. **Assessment:** Theory (67%), lab exercises (33%).

Non-compulsory tutorials will also be provided at a rate of one per week.

Additional information: This is the main chemistry unit of study for students expecting to major in chemistry.

**Practical:** As for CHEM 2001.

**CHEM 2302 Chemistry 2B**

8 credit points. **Semester:** 2. **Classes:** 4 lec & 4hr prac/wk. **Prerequisite:** 6 credit points of Junior Mathematics. **Qualifying:** CHEM 1102 or 1902 or 1904 or 1909. **Prohibition:** May not be counted with CHEM 2202 or 2902. **Assessment:** Theory (67%), lab exercises (33%).

**Lectures:** This unit of study consists of 17 lectures in which the structure, bonding and properties of inorganic compounds and complexes will be presented; 17 lectures of physical chemistry on statistical thermodynamics and thermodynamics; and 17 lectures in organic chemistry which will include amine chemistry, electrophilic substitution and the chemistry of aromatics, the chemistry of carbonyls, nucleophilic organometallic reagents and organic synthesis and synthetic methods.

Additional information: Main chemistry unit of study for students expecting to major in chemistry.

**Practical:** As for CHEM 2001.

**CHEM 2311 Chemistry 2 (Biological Sciences) Theory**

4 credit points. Dr Robert Baker. **Semester:** 1. **Classes:** 4 lec/wk. **Prerequisite:** 12 credit points of Junior Chemistry. **Prohibition:** May not be counted with CHEM 2001 or 2101 or 2301 or 2901 or 2903 or 2502. **Assessment:** 3 hr exam (80%), continuous assessment (20%).

This unit of study aims to give students an understanding of the chemistry underlying biological systems. Lectures will cover the mechanisms of organic chemical reactions and their application to biological systems, the molecular basis of spectroscopic techniques used in biological chemistry, analytical chemistry of biological systems, biopolymers and biocolloids and topics from inorganic chemistry of relevance to biological systems (metalloproteins, biomineralisation, etc).

**CHEM 2311 Chemistry 2 (Biological Sciences) Theory**

4 credit points. Dr Robert Baker. **Semester:** 1. **Classes:** 4 lec/wk. **Prerequisite:** 12 credit points of Junior Chemistry. **Prohibition:** May not be counted with CHEM 2001 or 2101 or 2301 or 2901 or 2903 or 2502. **Assessment:** 3 hr exam (80%), continuous assessment (20%).

This unit of study aims to give students an understanding of the chemistry underlying biological systems. Lectures will cover the mechanisms of organic chemical reactions and their application to biological systems, the molecular basis of spectroscopic techniques used in biological chemistry, analytical chemistry of

biological systems, biopolymers and biocolloids and topics from inorganic chemistry of relevance to biological systems (metalloproteins, biomineralisation, etc).

**CHEM 2312 Chemistry 2 (Biological Sciences) Prac**

4 credit points. Dr Robert Baker. **Semester:** 1,2. **Classes:** 1x4 hour practical/week. **Prerequisite:** 12 credit points of Junior Chemistry. **Corequisite:** CHEM 2311. **Prohibition:** May not be counted with CHEM 2001 or 2101 or 2301 or 2901 or 2903 or 2502. **Assessment:** Practical reports.

This unit of study aims to assist students in developing the knowledge and skills required to carry out practical work on the chemistry underlying biological systems. The course will cover experimental investigations of chemical kinetics, organic and inorganic chemical analysis, biopolymer characterisation, and preparation and characterisation of a metal-based anti-inflammatory drug.

**CHEM 2312 Chemistry 2 (Biological Sciences) Prac**

4 credit points. Dr Robert Baker. **Semester:** 1,2. **Classes:** 1x4 hour practical/week. **Prerequisite:** 12 credit points of Junior Chemistry. **Corequisite:** CHEM 2311. **Prohibition:** May not be counted with CHEM 2001 or 2101 or 2301 or 2901 or 2903 or 2502. **Assessment:** Practical reports.

This unit of study aims to assist students in developing the knowledge and skills required to carry out practical work on the chemistry underlying biological systems. The course will cover experimental investigations of chemical kinetics, organic and inorganic chemical analysis, biopolymer characterisation, and preparation and characterisation of a metal-based anti-inflammatory drug.

**CHEM 2901 Chemistry 2A (Advanced)**

8 credit points. **Semester:** 1. **Classes:** 5 lec & 4 hr prac/wk. **Prerequisite:** 6 credit points of Junior Mathematics. **Qualifying:** WAM greater than 80 and Distinction average in CHEM 1101 or 1901 or 1903 and in Chemistry 1102 or 1902 or 1904 or 1909. **Prohibition:** May not be counted with CHEM 2001 or 2101 or 2301 or 2903 or 2311 or 2312 or 2502. **Assessment:** Theory (56.7%), lab exercises (33%), Advanced Assignment (10%).

*NB: Permission required for enrolment. Entry to this unit of study is by invitation. Students in the Faculty of Science Talented Students Program are automatically eligible.*

Lectures and tutorials: Lectures and tutorials in Chemistry 2901 (Advanced) comprise two sets: Four lectures per week in common with any other Intermediate Chemistry unit of study and one lecture per week of advanced lectures on topics that are complementary to the other units of study.

Additional information: The number of places in Chemistry 2901 (Advanced) is limited. Applications are invited from students with a high WAM and an excellent record in a Junior Chemistry unit of study. Places are restricted to students enrolled in the Faculty of Science except by permission of the Head of the School of Chemistry. Students in the Faculty of Science Talented Student Program who are enrolled in the BSc or BSc(Adv) degree are automatically eligible. Students enrolled in other Advanced degree programs within the Faculty are not normally admitted because of timetabling.

**Practical:** Practical work entails 4 hours per week during the semester. Students must be available 1pm-5pm Friday afternoons for laboratory work.

**CHEM 2902 Chemistry 2B (Advanced)**

8 credit points. **Semester:** 2. **Classes:** 5 lec & 4hr prac/wk. **Prerequisite:** 6 credit points of Junior Mathematics. **Qualifying:** WAM greater than 80 and Distinction average in CHEM (1101 or 1901 or 1903) and CHEM (1102 or 1902 or 1904 or 1909). **Prohibition:** May not be counted with CHEM 2202 or 2302. **Assessment:** Theory (56.7%), lab exercises (33%), Advanced Assignment (10%).

*NB: Permission required for enrolment. Entry is by invitation.* Lectures and tutorials: Lectures and tutorials in Chemistry 2902 (Advanced) comprise two sets: 4 lectures and 1 tutorial per week in common with any other Intermediate Chemistry unit of study; and 1 lecture per week of advanced lectures on topics that are complementary to the other units of study.

Additional information: The number of places in Chemistry 2902 (Advanced) is limited. Normally entry to this unit of study is restricted to those students enrolled in Chemistry 2901. However, a student who has performed particularly well in another February semester Chemistry unit of study may be invited by the Head of School to enrol in Chemistry 2902 (Advanced). See the Intermediate Chemistry unit of study Coordinator for further information.



Practical: Practical work entails 4 hours per week during the semester. Students must be available 1pm-5pm Friday afternoons for laboratory work

### CHEM 2903 Chemistry Life Sciences (Advanced)

8 credit points. **Semester:** 1. **Classes:** 4 lec & 4hr prac/wk. **Prerequisite:** 12 credit points of Junior Mathematics. **Qualifying:** CHEM 1902, 1904 or 1909. **Prohibition:** May not be counted with CHEM 2001 or 2101 or 2301 or 2311 or 2312 or 2502 or 2901. **Assessment:** Theory (67%) and lab exercises (33%).

This unit of study aims to give students an understanding of the chemistry underlying biological systems. Lectures will cover the mechanisms of organic chemical reactions and their application to biological systems, the molecular basis of spectroscopic techniques used in biological chemistry, analytical chemistry of biological systems, biopolymers and biocolloids and topics from inorganic chemistry of relevance to biological systems (metalloproteins, biomineralisation, etc). There will also be 8 hours of compulsory tutorial workshops. Students must ensure that one complete afternoon from 1.00 pm to 5.00 pm, free from other commitments, is available for the practical work.

#### Textbooks

As for CHEM 2001

### CHEM 3101 Chemistry 3A

12 credit points. **Semester:** 1. **Classes:** 4 lec & 8hr prac/wk. **Qualifying:** CHEM (2001 or 2101 or 2301 or 2901) and CHEM (2302 or 2902). **Prohibition:** May not be counted with CHEM 3311, 3601, 3602, 3901 or 3903 (but may be counted with CHEM 3201). **Assessment:** Exam (67%), lab exercises (33%).

The lectures will be presented in modules (each module runs for a semester and comprises 13 lectures). A listing of the module titles offered in the March Semester in 2001 is given below. There are some restrictions on the number of modules that a student can take from each area. In addition, the seven lecture course on Chemical Laboratory Practices is compulsory. Further details can be obtained from the Senior Chemistry Handbook available from the School.

#### Inorganic Chemistry

- 311F Transition Metal Chemistry and Inorganic Reaction Mechanisms
- 312F Biological, Environmental and Industrial Chemistry of the Main Group
- 313F Organometallic Chemistry and Catalysis

#### Organic Chemistry

- 301F Spectroscopic Identification of Organic Compounds
- 302F Stereochemistry and Mechanism
- 304F Bioorganic Chemistry

#### Physical/Theoretical Chemistry

- 3PT1F Quantum Chemistry
- 3PT3F Chemical Dynamics
- 3PT7F Surfaces and Colloids

#### Cross Disciplinary

- 3C2F Symmetry and Spectroscopy.

There may be some interchange of modules between CHEM 3101 and CHEM 3102. As well, some modules may not be offered.

Practical: Practical work (8 hours/week) comprises sessions in the inorganic, organic and physical chemistry laboratories.

Details can be obtained from the School of Chemistry.

#### Textbooks

See the Senior Chemistry handbook available from the School of Chemistry.

### CHEM 3102 Chemistry 3B

12 credit points. **Semester:** 2. **Classes:** 4 lec & 8 hr prac/ wk. **Qualifying:** CHEM (2001 or 2101 or 2301 or 2901) and CHEM (2302 or 2902). **Prohibition:** May not be counted with CHEM 3601, 3602, 3902 or 3903 (but may be counted with CHEM 3202). **Assessment:** Exam (67%), lab exercises (33%).

The lectures will be presented in modules (each module runs for a semester and comprises 13 lectures). A listing of the module titles offered in the July Semester in 2001 is given below. There are some restrictions on the number of modules that a student can take from each area. The 7-lecture course on Chemical Laboratory Practices is compulsory for those students who did not attend in semester 1. Further details can be obtained from the Senior Chemistry Handbook available from the School.

#### Inorganic Chemistry

- 314J Biological and Environmental Chemistry of the Transition Elements
- 315J Inorganic Materials Chemistry
- 317J Forensic and Analytical Chemistry

#### Organic Chemistry

- 303J Heterocyclic Chemistry
- 305J Medicinal and Biological Chemistry
- 306J Free Radicals and Pericyclics in Synthesis and Nature
- 307J Synthetic Methods

#### Physical/Theoretical Chemistry

- 3PT4J Atmospheric and Photochemistry
- 3PT5J Biophysical Chemistry
- 3PT6J Polymer Chemistry
- 3PT8J Physical Chemistry of Materials

#### Cross-Divisional

- 3C1J Supramolecular Chemistry

There may be some interchange of modules between Chemistry 3101 and Chemistry 3102. As well, some modules may not be offered.

Practical: As for CHEM 3101, but the last six weeks comprise of a workshop.

#### Textbooks

See the Senior Chemistry handbook available from the School of Chemistry

### CHEM 3201 Chemistry 3A Additional

12 credit points. **Semester:** 1. **Classes:** 4 lec & 8hr prac/wk. **Qualifying:** CHEM (2001 or 2101 or 2301 or 2502 or 2901) and CHEM (2302 or 2902). **Corequisite:** CHEM 3101 or 3901. **Prohibition:** May not be counted with CHEM 3601, 3602 or 3903. **Assessment:** Exam (67%), lab exercises (33%).

Students taking this unit of study must be concurrently enrolled in or have previously completed either CHEM 3101 or CHEM 3901. The modules will be chosen from the modules listed for CHEM 3101 and the same selection rules as applicable to CHEM 3101 will apply to the selection of the additional 4 modules. Students cannot take modules already counted towards CHEM 3101 or 3102 or 3901 or 3902 or 3202.

Practical: As for CHEM 3101

#### Textbooks

See the Senior Chemistry handbook available from the School of Chemistry

### CHEM 3202 Chemistry 3B Additional

12 credit points. **Semester:** 2. **Classes:** 4 lec & 8hr prac/wk. **Qualifying:** CHEM (2001 or 2101 or 2301 or 2502 or 2901) and CHEM (2302 or 2902). **Corequisite:** CHEM 3102 or 3902. **Prohibition:** May not be counted with CHEM 3601, 3602 or 3903. **Assessment:** Exam (67%), lab exercises (33%).

Students taking this unit of study must be concurrently enrolled in or have previously completed either CHEM 3102 or CHEM 3902. The modules will be chosen from the modules listed for CHEM 3102 and the same selection rules as applicable to CHEM 3102 will apply to the selection of the additional 4 modules. Students cannot take modules already counted towards CHEM 3101 or 3102 or 3201 or 3901 or 3902.

Practical: As for CHEM 3101, but the last six weeks comprise a workshop in one of the Divisions

#### Textbooks

See the Senior Chemistry handbook available from the School of Chemistry

### CHEM 3311 Drug Design and Characterisation

6 credit points. **Semester:** 1. **Classes:** 2 lec, 3 prac, 1 tut/wk. **Prerequisite:** MOBT 2001 and MOBT 2002. **Qualifying:** CHEM 2311 and CHEM 2312. **Prohibition:** May not be counted with CHEM 3101, 3601, 3602, 3901 or 3903. **Assessment:** One 3hr exam. Continuous practical and workshop assessment.

This unit of study comprises two lectures, one hour of workshops/tutorials and 3 hours of practical work per week. The lectures consist of two 13-lecture modules. The first module, titled 'Spectroscopic Identification of Medicinal Compounds' aims to provide the fundamental principles for identifying drugs and analysing their molecular structure by various spectroscopic techniques, including, mass spectrometry, NMR and infrared spectroscopies. The second module: 'Molecular Modelling in Medicinal Chemistry' provides the necessary basic theory to understand what constitutes molecular modelling packages used widely in rational drug design. Theories include Quantitative Structure-Activity Relationships (QSAR), the role of stereochemistry, computational methods in drug design, and theories of solvation and hydrogen bonding in biological chemistry. These modules are supported by one hour per week of tutorials and workshops. The laboratory program is structured as 10 four-hour practical sessions. The program has been designed to accentuate chemical techniques that are of most importance to drug design, both in the synthesis and analysis of compounds.

**CHEM 3601 Chemistry 3A (Environmental)**

4 credit points. Semester: 1. Classes: 2 lec and 2hr prac/workshop/wk. Prerequisite: CHEM 1102 or 1902 and ENVI2002. Prohibition: May not be counted with CHEM 3101,3102,3201,3202, 3311,3901,3902 or 3903. Assessment: Exam (67%), prac reports (33%).

The aim of this unit of study is to provide students enrolled in the Environmental degree program with the advanced chemistry required for an understanding of the subject. The biological, environmental and industrial chemistry of the main group elements and their compounds will be considered, as well as spectroscopic identification of organic compounds. Further information is available from the Senior Chemistry Handbook.

**CHEM 3602 Chemistry 3B (Environmental)**

4 credit points. Semester: 2. Classes: 2 lec and 2hr prac/workshop/wk. Prerequisite: CHEM 1102 or 1902, and ENVI 2002. Prohibition: May not be counted with CHEM 3101,3102,3201,3202, 3311,3901,3902 or 3903. Assessment: Exam (67%), prac reports (33%).

The biological and environmental chemistry of the transition elements will be covered as well as atmospheric and photochemistry. Further information is available from the Senior Chemistry Handbook.

**CHEM 3901 Chemistry 3A (Advanced)**

12 credit points. Semester: 1. Classes: 5 lec & 8hr prac/wk. Qualifying: Distinction average in CHEM 2001 or 2101 or 2301 or 2901 and in CHEM 2202 or 2302 or 2902; by invitation. Prohibition: May not be counted with CHEM 3101,3311,3601,3602 or 3903 (but may be counted with CHEM 3201). Assessment: As for CHEM 3101, plus a report on each Advanced module. Only the marks for the best 4 out of the total of 5 modules assessed contribute to a student's final mark.

*NB: Permission required for enrolment. The number of places in this unit of study is limited and entry is by invitation. Applications are invited from students with a high WAM and an excellent record in Intermediate Chemistry. Students in the Faculty of Science Talented Student Program are automatically eligible.*

Lectures: The requirements for CHEM 3901 are identical with those for CHEM 3101, with the addition of a special module that is available only to Advanced students. This special module involves an inquiry into a major problem in contemporary chemistry. A member of staff guides the discussion and acts as a consultant. Advanced topics offered in March semester 2001 were:

New technologies based on supramolecular chemistry - Fact or fiction?

Climate chemistry: Exercises in modelling.

Practical: As for CHEM 3101

*Textbooks*

See the Senior Chemistry handbook available from the School of Chemistry

**CHEM 3902 Chemistry 3B (Advanced)**

12 credit points. Semester: 2. Classes: 5.5 lec & 8hr prac/wk. Qualifying: Distinction or better in CHEM 2902 or 3101 or 3901; by invitation. Prohibition: May not be counted with CHEM 3102,3601,3602 or 3903. Assessment: As for CHEM 3B, plus a report on each Advanced module. Only the marks for the best 4 out of the total of 5 modules assessed contribute to a student's final mark.

*NB: Permission required for enrolment. The number of places in this unit of study is limited and entry is by invitation. Students in the Faculty of Science Talented Student Program are automatically eligible.*

Lectures: The requirements for Chemistry 3B (Advanced) are identical with those for Chemistry 3B, with the addition of a special module that is available only to Advanced students. This special module involves an inquiry into a major problem in contemporary chemistry. A member of staff guides the discussion and acts as a consultant. Advanced topics offered in My semester 2001 were:

Drug Resistance

Faster, higher, stronger

Practical: As for CHEM 3101

*Textbooks*

See the Senior Chemistry handbook available from the School of Chemistry.

**CHEM 3903 Chemistry 3 Life Sciences (Advanced)**

12 credit points. Semester: 2. Classes: 4 lec & 8 prac/wk & 4 compulsory discussion sessions. Prerequisite: For BSc (Molecular Biology and Genetics): CHEM 2903. Qualifying: For BMedSc: 32 credit points of Intermediate BMED units and Credit average in CHEM (2311 and 2312). Prohibition: May not be counted with CHEM 3101,3102,3201,3202, 3311,3601,3602, 3901 or 3902. Assessment: Exams (60%), prac reports (30%), assignment based on discussion sessions (10%).

The aim of this unit of study is to provide students enrolled in the Molecular Biology and Genetics Degree Program with some

advanced chemistry required for an understanding of the subject. The unit consists of modules dealing with the biological and environmental chemistry of the transition elements; medicinal and biological chemistry; biophysical chemistry plus one other module to be chosen from a variety of other options that are important for understanding chemical processes or techniques used in molecular biology and genetics. A list of modules and more detailed descriptions are given in the Senior Chemistry Handbook available from the School. A special practical component is designed to illustrate the principles given in the lectures. In addition, 4 seminars from specialists in molecular biology and genetics will be given to illustrate recent research in the area.

**CHEM 3903 Chemistry 3 Life Sciences (Advanced)**

12 credit points. Semester: 2. Classes: 4 lec & 8 prac/wk & 4 compulsory discussion sessions. Prerequisite: For BSc (Molecular Biology and Genetics): CHEM 2903. Qualifying: For BMedSc: 32 credit points of Intermediate BMED units and Credit average in CHEM (2311 and 2312). Prohibition: May not be counted with CHEM 3101, 3102,3201,3202, 3311,3601, 3602,3901 or 3902. Assessment: Exams (60%), prac reports (30%), assignment based on discussion sessions (10%).

The aim of this unit of study is to provide students enrolled in the Molecular Biology and Genetics Degree Program with some advanced chemistry required for an understanding of the subject. The unit consists of modules dealing with the biological and environmental chemistry of the transition elements; medicinal and biological chemistry; biophysical chemistry plus one other module to be chosen from a variety of other options that are important for understanding chemical processes or techniques used in molecular biology and genetics. A list of modules and more detailed descriptions are given in the Senior Chemistry Handbook available from the School. A special practical component is designed to illustrate the principles given in the lectures. In addition, 4 seminars from specialists in molecular biology and genetics will be given to illustrate recent research in the area.

**■ COMP****COMP 2003 Languages and Logic**

4 credit points. Semester: 2. Classes: 2 lec & 1 tut/wk. Prerequisite: MATH 1004 or 1904 or Econometrics or MATH 2009. Qualifying: SOFT (1002 or 1902) or COMP (1002 or 1902). Prohibition: May not be counted with COMP 2903. Assessment: Assessment assignments, written exam.

All communication requires a language. People communicate with each other in a natural language such as English; they communicate with computers in a formal language such as Java. This unit of study looks at two important kinds of formal languages (called regular and context-free), and the algorithms, or automata, that are used to recognise them. On the theoretical side, several ways to represent languages are presented, and their capabilities and limitations discovered; on the practical side, sound and indeed foolproof methods are derived for writing programs to recognise formal languages such as Java. Considerable emphasis is also put on the use of logic (both propositional and first-order), which provides a powerful design tool for hardware implementations of automata.

See prerequisites for Senior Computer Science units of study. Consult Departmental Handbook.

**COMP 2111 Introduction to Algorithms 1**

4 credit points. Semester: 1. Classes: 2 lec, 1 tut/wk. Qualifying: (SOFT (1002 or 1902) or COMP (1002 or 1902)) and MATH (1004 or 1904 or 2009). Prohibition: May not be counted with COMP (2811 or 2002 or 2902).

One of the worst things that can happen when implementing a large software system is to find, after months of hard work, that the underlying design is too inefficient, or is fundamentally flawed. Such situations can often be avoided through careful design using well understood structures, and an analysis of the time complexity and correctness of these designs.

This unit includes a formal introduction to the analysis of algorithms. Commonly used data structures such as lists, stacks, queues, priority queues, search trees, hash tables and graphs are all analysed according to a notion of asymptotic complexity. Design principles such as the greedy strategy, divide and conquer, and dynamic programming are covered, as well as efficient techniques for searching within graphs. There will be a programming project in which students will design an algorithmic solution to a problem, analyse its time complexity, and implement it.

**COMP 2811 Introduction to Algorithms 1 (Adv)**

4 credit points. **Semester:** 1. **Classes:** 2 lec, 1 tut/wk. **Qualifying:** Distinction in [SOFT (1002 or 1902) or COMP (1002 or 1902 or 2003 or 2903)]. **Prohibition:** May not be counted with COMP (2111 or 2002 or 2902).

An advanced alternative to COMP 2111; covers material at an advanced and challenging level. See the description of COMP 2111 for more information.

**COMP 2903 Languages and Logic (Advanced)**

4 credit points. **Semester:** 2. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** MATH 1004 or 1904 or Econometrics or MATH 2009. **Qualifying:** Distinction in SOFT (1902 or 1002) or COMP (1001 or 1901 or 2111 or 2811). **Prohibition:** May not be counted with COMP 2003. **Assessment:** Assessment assignments, written exam.

This unit of study is the advanced alternative to COMP 2003. Topics in Languages and Logic are covered at an advanced and more challenging level.

**COMP 3001 Algorithms**

4 credit points. **Semester:** 2. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** MATH 1004 or 1904 and 8 credit points in Intermediate Mathematics and/or Statistics and/or Econometrics. **Qualifying:** COMP 2002 or 2902 or 2111 or 2811. **Prohibition:** May not be counted with COMP 3901. **Assessment:** Assessment assignments, written exam.

Algorithms are particularly important in all areas of Computer Science. The knowledge of basic algorithms, as well as the ability to design a new algorithm and to analyse an existing one in terms of time and space efficiency, are essential for a person to successfully work in a computer and information related professional area. This unit of study will provide a systematic study of the analysis of existing algorithms and strategies for the design of new algorithms. The analysis skill includes the method of analysis of average computational complexity. The design strategies covered include divide-and-conquer, greedy method, and dynamic programming. Many interesting real-life problems and smart algorithm application examples will also be introduced.

**COMP 3002 Artificial Intelligence**

4 credit points. **Semester:** 1. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** COMP 2003 or 2903 and 8 credit points in Intermediate Mathematics and/or Statistics and/or Econometrics. **Qualifying:** COMP 2004 or 2904 or SOFT 2004 or 2904. **Prohibition:** May not be counted with COMP 3902. **Assessment:** Assessment assignments, written exam.

Artificial Intelligence 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. Most of these activities depend on general or 'weak' methods, primarily search. AI also addresses issues related to the representation and use of the knowledge of human experts. This unit of study will explore topics from selected areas of AI. 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 of study will involve a practical component in which some simple problems are solved using standard AI techniques.

**COMP 3004 Computer Graphics**

4 credit points. **Semester:** 2. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** COMP 2002 or 2902 or 2111 or 2811 and MATH 1002 or 1902 and 8 credit points in Intermediate Mathematics and/or Statistics and/or Econometrics. **Qualifying:** COMP 2004 or 2904 or SOFT 2004 or 2904. **Prohibition:** May not be counted with COMP 3904. **Assessment:** Assessment assignments, written exam.

A picture has a million pixels (in round terms). Like any other interface, it must be well engineered for accuracy, high speed-performance and compatibility with user needs. The Computer Graphics unit of study examines established algorithms for picture generation, covering such topics as hidden-line elimination, shading and texturing, and ray-tracing in terms of the technology of standard graphical output devices and the 3-space geometry which applies. The effects on performance of algorithmic design choices are considered and connections are made with the cognate field of computational geometry. Typically in making pictures, a round ball is modelled by the unit sphere  $x^2 + y^2 + z^2 = 1$  (after Pythagoras), and a point on a tumbling football by the affine transform  $p = A.p' + T$ , where  $A$  is a non-singular matrix,  $p'$  is a point on the unit sphere, and  $T$  is a translation vector. The unit of study therefore assumes an understanding of vector and matrix methods.

**COMP 3006 Declarative Programming Languages**

4 credit points. **Semester:** 1. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 8 credit points in Intermediate Mathematics and/or Statistics and/or Econometrics. **Qualifying:** COMP 2004 or 2904 or SOFT 2004 or 2904. **Prohibition:** May not be counted with COMP 3906. **Assessment:** Assessment assignments, written exam.

What distinguishes Declarative Programming Languages is the way in which programs specify the logic of a problem (what is to be done) rather than the mechanics of solving the problem (how to do it). It is this aspect that has led to these sorts of languages being extensively used for Artificial Intelligence software systems. In addition, they are also often used for rapid prototyping of novel software systems, and many of the ideas and techniques employed in declarative programming language systems have found broader application.

The unit of study focuses on two languages: Prolog and Lisp. Through a combination of workshops, lectures and assignment students will gain practical skills and come away with significant new tools with which to tackle future software development projects.

**COMP 3007 Networked Systems**

4 credit points. **Semester:** 1. **Classes:** 2 lec & 2 prac/wk. **Prerequisite:** COMP 2001 or 2901 or NETS 2008 or 2908 or ELEC 2601. **Qualifying:** COMP 2004 or 2904 or SOFT 2004 or 2904. **Prohibition:** May not be counted with COMP 3907. **Assessment:** Assessment assignments, written exam.

This unit of study deals with various aspects of communications and distribution systems. It introduces the concepts of computer communications, it exposes limitations of communications channels, and it identifies network components and the way they fit together to provide communications functions. The unit of study is also a study of network organisations, and of protocols required at different levels for efficient, reliable, secure, and meaningful communications (International Standard Organisation's OSI reference model and protocols). Emphasis, however, is placed on the Internet and TCP/IP protocol suite. Students are expected to be able to write distributed applications based on the client/server model using Remote Procedure Call (RPC).

Practical: The practical aspects of the unit of study are centred around a specially designed network laboratory. Experiments aim to provide hands-on experiences on many essential, but difficult aspects of networking. The unit of study offers a wide range of experiments, from the network physical layer (RS-232), managing Microsoft Windows Networks, basic Unix administration to programming with sockets, remote procedure calls, to writing client/server application, Simple Mail Transfer Protocol (SMTP) application.

**COMP 3008 Object-Oriented Systems**

4 credit points. **Semester:** 1. **Classes:** 2 lec & 1 tut/wk. **Qualifying:** COMP 2004 or 2904 or SOFT 2004 or 2904. **Prohibition:** May not be counted with COMP 3908. **Assessment:** Assessment assignments, written exam.

Provides further study of the object-oriented paradigm in all stages of the software lifecycle.

**COMP 3009 Operating Systems**

4 credit points. **Semester:** 1. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** COMP 2001 or 2901 or NETS 2008 or 2908 or ELEC 2601. **Qualifying:** COMP 2004 or 2904 or SOFT 2004 or 2904. **Prohibition:** May not be counted with COMP 3909. **Assessment:** Assessment assignments, written exam.

This unit of study provides an introduction to the design and construction of modern operating systems. The emphasis of the unit of study is design and the identification of high-level abstractions. However, the unit of study also has a strong practical component and includes practical exercises which involve the students in implementing components of an operating system. Topics covered include an introduction to concurrency and synchronisation, processes and process scheduling, memory management, virtual memory, file systems and security. The unit of study is not based on a particular operating system, but frequent reference is made to a number of contemporary systems including Unix, Windows NT and MacOS.

**COMP 3100 Software Engineering**

4 credit points. **Semester:** 2. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** COMP 2004 or 2904 or SOFT 2004 or 2904. **Prohibition:** May not be counted with COMP 3800. **Assessment:** Assessment assignments, written exam.

Software Engineering is designed to equip students with the knowledge necessary to undertake large software design and implementation tasks in a team environment. Emphasis will be

on specification, design, implementation and validation tuned to large applications. Students will learn about current software engineering tools and environments to prepare them for real projects. The contents of this unit of study will include the software life cycle, human factors in software engineering, requirements analysis and specification techniques, design methodologies, implementation issues, software tools, validation, verification, quality assurance and software project management issues.

#### COMP 3102 User Interfaces

4 credit points. Semester: 2. Classes: 2 lec & 1 tut/wk. Qualifying: COMP 2004 or 2904 or SOFT 2004 or 2904. Prohibition: May not be counted with COMP 3802. Assessment: Assessment assignments, written exam.

This unit of study introduces several of the critical elements programs need to create effective user interfaces. These include the essentially technical skills used in creating several of the major types of interface as well as human and design issues. Critical to designing an effective interface is familiarity with the substantial body of knowledge about cognitive and perceptual constraints. The technical skills of User Interface programming include learning current tools for building interfaces. The unit of study will introduce students to 'web-technology', programming of interfaces in the World-Wide-Web environment, a visual programming environment and the Python scripting language and TK toolkit for building graphical interfaces.

#### COMP 3201 Algorithmic Systems Project

4 credit points. Semester: 2. Classes: supervised project. Corequisite: COMP 3001 or 3901. Assessment: Assessment quality of software product, written report, product presentation.

*NB: Students intending to major in Computer Science are advised to enrol in one of COMP 3201, 3202, 3203, 3204, 3205, 3206 or 3809.*

Some of the most exciting work being done in the Algorithms and Complexity area today is concerned with the development of software which applies the algorithms and techniques to practical problems. Much progress has been made recently in graph drawing, computational geometry, timetable construction, etc. Real-life instances of these kinds of problems are typically too large to be solved without using efficient algorithms that have been developed for them. In this unit of study you will work in a group to develop a software product of this kind. Past projects have included graph editors for X-windows, various computational geometry projects, and timetable construction.

#### COMP 3202 Computer Systems Project

4 credit points. Semester: 1,2. Classes: supervised project. Prerequisite: COMP 3009 or 3909. Assessment: Assessment quality of software product, written report, product presentation.

*NB: Students intending to major in Computer Science are advised to enrol in one of COMP 3201, 3202, 3203, 3204 or 3205, 3206 or 3809.*

Students work in groups on a software project. The aim of the project is to provide substantial practical experience in designing and modifying an operating system. The task will involve extension and modification of an operating system, which itself runs on simulated hardware above Unix. The simulation is very realistic and all of the usual operating system implementation problems, including synchronisation, memory management, I/O, etc, will be encountered.

#### COMP 3203 Artificial Intelligence Project

4 credit points. Semester: 1. Classes: supervised project. Corequisite: COMP 3002 or 3902. Assessment: Assessment quality of software product, written report, product presentation.

*NB: Students intending to major in Computer Science are advised to enrol in one of COMP 3201, 3202, 3203, 3204, 3205, 3206 or 3809.*

As with any other applied science, theories and techniques in Artificial Intelligence, regardless of how fancy they appear to be, are of little use by themselves unless they can be used to solve real world problems. Furthermore, they can best be understood and mastered by applying them to non-trivial practical problems. In this project, students will have a chance to write computer programs to solve practical problems in a way 'similar' to what intelligent beings do. Specifically, students will be asked to apply learned AI techniques to solve small but realistic and knowledge intensive tasks (eg, advice-giving, troubleshooting), in a carefully selected domain; and to evaluate the utility and performance of the techniques used. Students will work in groups.

#### COMP 3204 Software Engineering Project

4 credit points. Semester: 2. Classes: supervised project. Corequisite: COMP 3100 or 3800. Assessment: Assessment quality of software product, written report, product presentation.

*NB: Students intending to major in Computer Science are advised to enrol in one of COMP 3201, 3202, 3203, 3204, 3205, 3206 or 3809.*

The primary objectives of this module are that students:

- have the opportunity to complete a large and realistic software development task
  - develop skills in defining software requirements in response to an authentic user's needs
  - put into practice state-of-the-art techniques for developing quality software and record these processes in reports
  - develop skills in working in software teams
  - evaluate the quality of the software developed
- Students will produce several products:
- a requirements document
  - evaluation of a product in terms of user needs and the report of testing the software
  - produce a report to the client on what has been achieved
  - a software product with supporting documentation, in a form suitable to hand over to the client
  - a poster outlining the project and highlighting its achievements

#### COMP 3205 Product Development Project

4 credit points. Semester: 1,2. Classes: supervised project. Prerequisite: COMP 3008 or 3908. Assessment: Assessment quality of software product, written report, product presentation.

*NB: Students intending to major in Computer Science are advised to enrol in one of COMP 3201, 3202, 3203, 3204 or 3205, 3206 or 3809.*

The Product Development Project consists of working, as a member of a group of four students, in the specification, design, implementation and testing of a substantial software product, using sophisticated techniques including object-oriented programming. The product is often intended for users elsewhere in the University or in the Department, and an important aspect is discussion with eventual users to determine their needs. The unit of study has three aims. Firstly, students learn to use previously gained implementation, testing, and debugging skills in the realisation of a complete, practical product. Secondly, the importance of careful specification, design and project management to successful completion of a product by a cooperating team is made manifest. Thirdly, students learn to take responsibility for a project and work independently of detailed supervision under the demanding 'sink or swim' conditions of real software development.

#### COMP 3800 Software Engineering (Advanced)

4 credit points. Semester: 2. Classes: 2 lec & 1 tut/wk. Prerequisite: 16 points of Intermediate or Senior Computer Science with Distinction average. Qualifying: COMP 2004 or 2904 or SOFT 2004 or 2904. Prohibition: May not be counted with COMP 3100. Assessment: Written and programming assignments; written exam. An advanced alternative to COMP 3100; covers material at an advanced and challenging level.

#### COMP 3802 User Interfaces (Advanced)

4 credit points. Semester: 2. Classes: 2 lec & 1 tut/wk. Prerequisite: 16 points of Intermediate or Senior Computer Science with Distinction average. Qualifying: COMP 2004 or 2904 or SOFT 2004 or 2904. Prohibition: May not be counted with COMP 3102. Assessment: Written and programming assignments; written exam. An advanced alternative to COMP 3102; covers material at an advanced and challenging level.

#### COMP 3809 Software Project (Advanced)

4 credit points. Semester: 1,2. Classes: 30 mins/week meeting with project supervisor; 3-4 introductory talks; private work on the project. Prerequisite: 16 credit points of Intermediate or Senior Computer Science, with Distinction average. Corequisite: 8 credit points of Senior Computer Science. Assessment: Based on quality of the software and documentation produced, and the process by which it is produced, and the student's written reflections on the outcome. *NB: Students intending to major in Computer Science are advised to enrol in one of COMP 3201, 3202, 3203, 3204, 3205, 3206 or 3809.*

This unit of study involves students in producing innovative software to support activity in a research or advanced development project, either within the university or in industry.

**COMP 3901 Algorithms (Advanced)**

4 credit points. **Semester:** 2. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 16 credit points of Intermediate or Senior Computer Science with Distinction average and MATH 1004 or 1904 and 8 credit points of Intermediate Mathematics and/or Statistics and/or Econometrics. **Qualifying:** COMP 2002 or 2902 or 2111 or 2811. **Prohibition:** May not be counted with COMP 3001. **Assessment:** Written and programming assignments; written exam.

An advanced alternative to COMP 3001; covers material at an advanced and challenging level.

**COMP 3902 Artificial Intelligence (Advanced)**

4 credit points. **Semester:** 1. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** COMP 2003 or 2903 and 16 credit points of Intermediate or Senior Computer Science with Distinction average and 8 credit points of Intermediate MATH and/or Statistics and/or Econometrics. **Qualifying:** COMP 2004 or 2904 or SOFT 2004 or 2904. **Prohibition:** May not be counted with COMP 3002. **Assessment:** Written and programming assignments; written exam.

An advanced alternative to COMP 3002; covers material at an advanced and challenging level.

**COMP 3904 Computer Graphics (Advanced)**

4 credit points. Semester: 2. Classes: 2 lec & 1 tut/wk. Prerequisite: 16 credit points of Intermediate or Senior Computer Science with Distinction average and COMP 2002 or 2902 or 2111 or 2811 and MATH 1002 or 1902 and 8 credit points of Intermediate Mathematics and/or Statistics and/or Econometrics. Qualifying: COMP 2004 or 2904 or SOFT 2004 or 2904. Prohibition: May not be counted with COMP 3004. Assessment: Written and programming assignments; written exam.

An advanced alternative to COMP 3004; covers material at an advanced and challenging level.

**COMP 3906 Declarative Programming Languages (Adv)**

4 credit points. Semester: 1. Classes: 2 lect & 1 tut/wk. Prerequisite: 16 credit points of Intermediate or Senior Computer Science with Distinction average and 8 credit points of Intermediate Mathematics and/or Statistics and/or Econometrics. Qualifying: COMP 2004 or 2904 or SOFT 2004 or 2904. Prohibition: May not be counted with COMP 3006. Assessment: Written and programming assignments; written exam.

An advanced alternative to COMP 3006; covers material at an advanced and challenging level.

**COMP 3907 Networked Systems (Advanced)**

4 credit points. Semester: 1. Classes: 2 lec & 2 prac/wk. Prerequisite: 16 credit points of Intermediate or Senior Computer Science with Distinction average and COMP 2001 or 2901 or NETS 2008 or 2908 or ELEC 2601. Qualifying: COMP 2004 or 2904 or SOFT 2004 or 2904. Prohibition: May not be counted with COMP 3007. Assessment: Written and programming assignments; written exam.

An advanced alternative to COMP 3007; covers material at an advanced and challenging level.

**COMP 3908 Object-Oriented Systems (Advanced)**

4 credit points. Semester: 1. Classes: 2 lec & 1 tut/wk. Prerequisite: 16 points of Intermediate or Senior Computer Science with Distinction average. Qualifying: COMP 2004 or 2904 or SOFT 2004 or 2904. Prohibition: May not be counted with COMP 3008. Assessment: Written and programming assignments; written exam.

An advanced alternative to COMP 3008; covers material at an advanced and challenging level.

**COMP 3909 Operating Systems (Advanced)**

4 credit points. Semester: 1. Classes: 2 lec & 1 tut/wk. **Prerequisite:** 16 points of Intermediate or Senior Computer Science with Distinction average and COMP 2001 or 2901 or NETS 2008 or 2908 or ELEC 2601. **Qualifying:** COMP 2004 or 2904 or SOFT 2004 or 2904. **Prohibition:** May not be counted with COMP 3009. **Assessment:** Written and programming assignments; written exam.

An advanced alternative to COMP 3009; covers material at an advanced and challenging level.

**COMP 4301 Algorithms (AdvancedTopic)**

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Credit in COMP 3001. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination. *NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.*

To develop knowledge of the concepts, and mastery of the techniques, in one specialist topic within the field of Algorithms. This would build on the broad survey provided by COMP 3001. The coverage would be at the level of an professional monograph, or papers from the research literature. The specific topic covered would vary from one offering to another, depending on staff interest and expertise. Example topics

include: parallel algorithms, randomised algorithms, approximation algorithms for intractable problems.

**COMP 4302 Artificial Intelligence**

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Credit in COMP 3002. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination. *NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.*

To develop knowledge of the concepts, and mastery of the techniques, in one specialist topic within the field of Artificial Intelligence. This would build on the broad survey provided by COMP 3002. The coverage would be at the level of an professional monograph, or papers from the research literature. The specific topic covered would vary from one offering to another, depending on staff interest and expertise. Example topics include: Machine Learning, Natural Language Processing, Non-monotonic reasoning.

**COMP 4304 Graphics (AdvancedTopic)**

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Credit in COMP 3004. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination. *NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.*

To develop knowledge of the concepts, and mastery of the techniques, in one specialist topic within the field of Graphics. This would build on the broad survey provided by COMP 3004. The coverage would be at the level of an professional monograph, or papers from the research literature. The specific topic covered would vary from one offering to another, depending on staff interest and expertise. Example topics include: three-dimensional rendering, constraint-maintenance image systems.

**COMP 4305 Networked Systems (Advanced Topic)**

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Credit in COMP 3007. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination. *NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.*

To develop knowledge of the concepts, and mastery of the techniques, in one specialist topic within the field of Networked Systems. This would build on the broad survey provided by COMP 3007. The coverage would be at the level of an professional monograph, or papers from the research literature. The specific topic covered would vary from one offering to another, depending on staff interest and expertise. Example topics include: network management and performance tuning, Internetworking, implementation of network protocols.

**COMP 4307 Distributed Systems (Advanced Topic)**

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Credit in COMP 3007 or Credit in COMP 3009. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination.

*NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.*

To develop knowledge of the concepts, and mastery of the techniques, in one specialist topic within the field of Distributed Systems. This would build on ideas of networks or operating systems provided in the prerequisites. The coverage would be at the level of an professional monograph, or papers from the research literature. The specific topic covered would vary from one offering to another, depending on staff interest and expertise. Example topics include: electronic commerce, distributed operating systems, security in distributed systems.

**COMP 4309 Object-Oriented Systems (Advanced Topic)**

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Credit in COMP 3008. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination. *NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.*

To develop knowledge of the concepts, and mastery of the techniques, in one specialist topic within the field of Object-Oriented Systems. This would build on the broad survey provided by COMP 3008. The coverage would be at the level of

an professional monograph, or papers from the research literature. The specific topic covered would vary from one offering to another, depending on staff interest and expertise. Example topics include: distributed object systems, implementation of object-oriented languages, type theory for object languages.

#### COMP 4400 Operating Systems (AdvancedTopic)

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Credit in COMP 3009. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination. NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.

To develop knowledge of the concepts, and mastery of the techniques, in one specialist topic within the field of Operating Systems. This would build on the broad survey provided by COMP 3009. The coverage would be at the level of an professional monograph, or papers from the research literature. The specific topic covered would vary from one offering to another, depending on staff interest and expertise. Example topics include: system administration, process group infrastructure, modern kernel internals.

#### COMP 4401 Software Engineering (AdvancedTopic)

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Credit in COMP 3100. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination. NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.

To develop knowledge of the concepts, and mastery of the techniques, in one specialist topic within the field of Software Engineering. This would build on the broad survey provided by COMP 3100. The coverage would be at the level of an professional monograph, or papers from the research literature. The specific topic covered would vary from one offering to another, depending on staff interest and expertise. Example topics include: software metrics, tools for CASE, software architecture description.

#### COMP 4402 User Interfaces (AdvancedTopic)

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Credit in COMP 3102. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination. NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.

To develop knowledge of the concepts, and mastery of the techniques, in one specialist topic within the field of User Interfaces. This would build on the broad survey provided by COMP 3102. The coverage would be at the level of an professional monograph, or papers from the research literature. The specific topic covered would vary from one offering to another, depending on staff interest and expertise. Example topics include: user-adaptive systems, information filtering, usability testing.

#### COMP 4403 Computation Theory (Advanced Topic)

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Credit in COMP 2003 and 8 credit points of Intermediate Mathematics. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination. NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.

To develop understanding of the theoretical limits of computation, and the proof techniques used to show these limits in specific problems. Syllabus Summary: Computability; models of computation and their relationships; recursive sets and recursively enumerable sets; Godel incompleteness theorem; halting problem; complexity theory; speed-up theorems; reductions; NP-completeness.

#### COMP 4404 Scientific Visualisation (Advanced Topic)

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Credit in one of: COMP 3001 or COMP 3304 or PHYS 3303. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination.

NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.

To develop knowledge of the concepts, and mastery of the techniques, in one specialist topic within the field of Scientific

Visualisation. The coverage would be at the level of an professional monograph, or papers from the research literature. The specific topic covered would vary from one offering to another, depending on staff interest and expertise. Example topics include: medical imaging and simulation.

#### COMP 4601 Advances in Computer Science 1

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Permission of Head of Department. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination.

NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.

To develop knowledge of the concepts, and mastery of the techniques, in one specialist topic within the field of Computing. This unit is used when a student wants to take a further topic within a field which has already been studied at 4000-level. Head will not grant permission unless the topic being taught is substantially different from those studied previously.

#### COMP 4602 Advances in Computer Science 2

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Permission of Head of Department. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination.

NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.

To develop knowledge of the concepts, and mastery of the techniques, in one specialist topic within the field of Computing. This unit is used when a student wants to take a further topic within a field which has already been studied at 4000-level. Head will not grant permission unless the topic being taught is substantially different from those studied previously.

#### COMP 4603 Advances in Computer Science 3

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Permission of Head of Department. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination.

NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.

To develop knowledge of the concepts, and mastery of the techniques, in one specialist topic within the field of Computing. This unit is used when a student wants to take a further topic within a field which has already been studied at 4000-level. Head will not grant permission unless the topic being taught is substantially different from those studied previously.

#### COMP 4604 Advances in Computer Science 4

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Permission of Head of Department. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination.

NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.

To develop knowledge of the concepts, and mastery of the techniques, in one specialist topic within the field of Computing. This unit is used when a student wants to take a further topic within a field which has already been studied at 4000-level. Head will not grant permission unless the topic being taught is substantially different from those studied previously.

## ■ COSC

#### COSC 1001 Computational Science in Matlab

3 credit points. Semester: 2. Classes: 1 lec & 2 prac/wk. Prohibition: May not be counted with COSC 1901. Assessment: One 3hr theory exam, one 3hr prac exam, 1 essay, quizzes, project.

This unit of study focuses on scientific problem solving and data visualisation using computers and is complementary to COSC 1002. 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.



**COSC 1002 Computational Science in C**

3 credit points. Semester: 2. Classes: 1 lec & 2 prac/wk. Prohibition: May not be counted with COSC 1902. Assessment: One 3hr theory exam, one 3 hr prac exam, 1 essay, quizzes, project.

This unit of study focusses on scientific problem solving using computers and is complementary to COSC 1001. 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.

**COSC 1901 Computational Science in Matlab (Adv)**

3 credit points. Semester: 2. Classes: 1 lec & 2 prac/wk. Prerequisite: UAI of at least 90, or COSC 1902, or a distinction or better in COSC 1002, SOFT 1001,1002,1901 or 1902. Prohibition: May not be counted with COSC 1001. Assessment: One 3hr theory exam, one 3hr prac exam, 1 essay, quizzes, project.

*NB: Permission required for enrolment.*

This unit of study is the advanced version of COSC 1001 and is complementary to COSC 1902. The subject matter is very similar but more challenging problems will be covered and some additional programming and visualisation techniques will be used. The unit focuses on scientific problem solving and data visualisation using computers. 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.

**COSC 1902 Computational Science in C (Adv)**

3 credit points. Semester: 2. Classes: 1 lec & 2 prac/wk. Prerequisite: UAI of at least 90, or COSC 1901, or a distinction or better in COSC 1001, SOFT 1001,1002,1901 or 1902. Prohibition: May not be counted with COSC 1002. Assessment: One 3hr theory exam, one 3hr prac exam, 1 essay, quizzes, project.

*NB: Permission required for enrolment.*

This unit of study is the advanced version of COSC 1002 and is complementary to COSC 1901. The subject matter is very similar, but more challenging problems will be covered and some additional programming techniques will be used. The unit focusses on scientific problem solving using computers. 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.

**COSC 3601 Parallel Computing**

4 credit points. Semester: 2. Classes: 2 lec & 2 prac/wk. Assumed knowledge: Some familiarity is assumed with Unix and a programming language (eg, C or Fortran). Prerequisite: At least one of SOFT (2004 or 2904) or COMP (2004 or 2904) or PHYS (3301 or 3901) or MATH 2903 or MATH (3016 or 3916). Assessment: Written exam of up to 2hrs and assignment work.

This unit of study introduces the student to basic concepts of parallel computing such as Amdahl's law. Superscalar and Symmetric Multiprocessor (SMP) architecture and strategies for achieving parallelism. Programming topics will cover the use of Message Passing Interfaces (MPI), batch queue systems and Open Message Passing. Practical work will be done using the advanced computing facilities of the University of Sydney's VISLAB.

**■ ENVI****ENV11001 Global Geology**

6 credit points. Semester: 1. Classes: 3 lec & prac/tut/wk. Assessment: One 2hr exam, class work.

The unit of study serves as an introduction to environmental geology by examining global geological processes and their controls on the human environment. The unit of study explores the origin of the Earth within the developing Solar System and traces the evolution of the Earth's hydrosphere, atmosphere and biosphere through geological time. Other topics include plate tectonics, and the influence of volcanic activity, earthquakes and other geological hazards on human occupation of the planet. The unit of study includes an examination of minerals and rocks as an introduction to the study of the Earth's mineral and energy resources.

Students considering enrolling in this unit of study should study the pamphlet on the Junior unit of study in Geology, obtainable from the Enquiry Office in the Edgeworth David

Building. It gives details of unit of study content, text and reference books, staffing and other relevant matters.

**ENV11002 Geomorphic Environments and Change**

6 credit points. Semester: 2. Classes: 3 lec & prac/tut/wk. Assessment: One 2hr exam, class work.

This unit of study completes the introduction to environmental earth sciences by examining geographical scales of environmental concern, such as catchments, river basins, hydrology and land-use. The unit then progresses on to the basic microbiological aspects of the environment and how we can use these to our benefit. Students will begin to learn how to integrate information from related disciplines to understand relationships between the sciences and the environment and to produce solutions to environmental problems. This will be a continuing theme throughout the Environmental Science program.

**ENVI 2001 Biological Environmental Processes**

8 credit points. Semester: 1. Classes: 3 lec, 1 prac & 2 tut/wk, field excursions. Prerequisite: ENV11001 and ENV11002. Assessment: One 2hr exam, prac assignments.

*NB: This unit of study is only available to students enrolled in the BSc(Environmental).*

**ENVI 2002 Physical Environmental Processes**

8 credit points. Semester: 2. Classes: 3 lec, 2 tut & 1 prac/wk, field excursions. Prerequisite: ENV11001 and ENV11002. Assessment: One 2hr exam, prac assignments.

*NB: This unit of study is only available to students enrolled in the BSc(Environmental).*

Environmental Science 2 provides the integrated framework for understanding the natural environment in terms of its chemical, physical, biological, ecological and earth-scientific components. This is used to identify and understand the impact of humans on our environments at scales from local rivers to global patterns of climate. ENVI 2001 concentrates on the biological, microbiological and earth science aspects of natural processes within the environment as well as how these are impacted upon by human activities. ENVI 2002 considers the physical and chemical aspects, from climate and hydrology through to geomorphology to pollution. Emphasis is on practical measurement and interpretation to provide professional training in the use of numerous relevant disciplines.

**ENVI 3001 Environmental Law and Planning**

12 credit points. Semester: 1. Classes: 8 lec/wk; 3 field-units. Prerequisite: ENVI 2001 and 2002. Assessment: Continual assessment throughout the semester by essay, report and prac assignments.

*NB: This unit of study is only available to students enrolled in the BSc(Environmental) or BSc (Marine Science)*

ENVI 3001 covers topics and issues in environmental ethics, law, resource economics, planning, regulation and management for the built and natural environments, and energy production and alternate processes. This is an intensive unit of study that examines issues not normally considered 'environmental' but which impact to a large degree on how we interact with our environment.

**ENVI 3002 Environmental Assessment**

12 credit points. Semester: 2. Classes: 8 lec & 4 prac/tut/wk. Prerequisite: ENVI 2001 and 2002. Assessment: Continual assessment throughout the semester by essay, report and prac assignments.

*NB: This unit of study is only available to students enrolled in the BSc(Environmental) or BSc (Marine Science)*

ENVI 3002 covers all issues concerning environmental impact assessment, including topics in conservation, risk assessment and ecotoxicology, as well as providing an examination of the logical structure of environmental sampling. The latter introduces the theory of sampling design for measurements at different scales of biological systems, statistical analysis of data and the interpretation of magnitude and scale of environmental disturbances, with topics including the nature of variables, univariate and multivariate measures, correlation of environmental variables and interpretation of data.

**■ GEOG****GEOG1001 Biophysical Environments**

6 credit points. Assoc. Prof. Short, Dr Gale. Semester: 1. Classes: 3 lec & 3hr prac/wk. Assessment: One 2hr exam, 1500w report, prac assignments.

This unit of study provides an introduction to the earth's biophysical environments. It begins by considering the earth's place in the universe, its origin and its development, and the nature and evolution of the earth's structure. This is followed by an investigation of the evolution of the earth's physical environment and its development to its present stage over time. With this background, the unit of study goes on to examine the earth's hydrosphere and atmosphere and the major landforms produced by the interaction of atmospheric and ocean processes with the earth's surface, including fluvial, arid, coastal and glacial systems.

Practical: Field excursion one half day/sem

### GEOG 1002 Human Environments

6 credit points. Prof. Connell & Dr W Pritchard. **Semester:** 2. **Classes:** 3 lec & 3hr prac/wk. **Assessment:** One 2hr exam, 2000w essay, prac exercises.

Human Environments develops understanding of processes and consequences of interactions among people and between people and their environments. Questions, challenges and issues that stem from the relationships and transformations in the built, natural, social and spatial environments are introduced and scrutinised. Social structures and development are explored and principles of human geography are presented through study of the location and distribution of economic activities with special reference to Australia and the Asia-Pacific region.

### GEOG 2001 Processes in Geomorphology

8 credit points. Associate Professor D Dragovich and others. **Semester:** 1. **Classes:** 3 lec & 5 prac or field/wk. **Prerequisite:** 36 credit points of Junior units of study, including GEOG 1001 or ENV11001 or 1002. Students enrolled in the Bachelor of Resource Economics should have 36 credit points from Junior units of study in Biology, Chemistry and Mathematics. **Assessment:** One 2hr exam and 1500w essay or prac papers.

This unit of study is concerned with the geomorphology of global environments, as mega-landforms and the processes that shape them. The major focus is on continental-scale landforms and the long term processes which shape the physical platform which is the home, workplace and exploitation surface of humankind.

### GEOG 2002 Fluvial and Coastal Geography

8 credit points. Dr P Cowell & others. **Semester:** 2. **Classes:** 3 lec & 5 prac or field/wk. **Prerequisite:** 36 credit points of Junior units of study, including GEOG 1001 or ENV11001 or 1002. Students enrolled in the Bachelor of Resource Economics should have 36 credit points from Junior units of study in Biology, Chemistry and Mathematics. **Prohibition:** May not be counted with GEOG 2302 or 2303 or MARS 2002. **Assessment:** One 2hr exam, 1500w essay or prac reports.

*NB: Other Information: As for GEOG 2001*

Physical Geography stream: This unit of study focuses not on global, but meso- and micro-scales on two of the major morphostratigraphic systems, namely fluvial and coastal geomorphology. Both provide introductory analyses of rivers and coasts, so fundamental to understanding the physical environments which affect the sustainability of these regions.

### GEOG 2101 Environmental Change and Human Response

8 credit points. Associate Professor D Dragovich & Dr Chapman. **Semester:** 1. **Classes:** 3 lec & 2 prac & field/wk. **Prerequisite:** 36 credit points of Junior units of study, including GEOG 1001 or 1002 or ENVI 1001 or 1002. **Assessment:** One 2hr exam, 2000w essay or prac reports.

*NB: Other Information: As for GEOG 2001*

Environmental Geography stream: Environmental change occurs at time scales from seconds to centuries or longer, from the sudden and catastrophic to gradual transformations barely noticeable at human time scales. Some kinds of environmental change are largely caused by humans, but in other cases humans are helpless before the uncontrollable forces of nature. Environmental change is explored in all of these categories. Consideration is given to land degradation problems such as soil erosion and desertification, and how humans are both implicated in these problems and respond to them. We also study environmental hazards like floods and bushfires, and how we may (or in some cases may not) effectively manage them. Included in the unit of study will be a variety of techniques for the analysis of environmental problems.

### GEOG 2102 Resource and Environmental Management

8 credit points. Dr Hirsch and Dr McManus. **Semester:** 2. **Classes:** 3 lec & 5hr tut or prac or fieldwork/wk. **Prerequisite:** 36 credit points of Junior units of study, including GEOG 1001 or 1002 or ENV11001 or 1002. **Assessment:** One 2hr exam, 2000w essay, tut papers, prac and fieldwork report/s.

*NB: Other Information: As for GEOG 2001*

Environmental Geography stream: This unit of study forms part of the Environmental Geography and Resource Management stream which is designed to evaluate human interaction with the biophysical environment and use of the earth's surface and its resources. Emphasis is upon human impacts on environments through social, economic and political processes and through deliberate decision making and management. Policy responses are considered at a range of scales. The unit of study examines the nature and characteristics of selected resource processes with reference to Australian (and, as appropriate, other national and international) contexts, and, on a more global and regional scale, focuses on the changing relationship between people and environments in tropical Asia and the Pacific.

### GEOG 2201 Cultural and Economic Geography

8 credit points. Prof Connell, Dr W Pritchard. **Semester:** 1. **Classes:** 3 lec & 5hr tut or prac or fieldwork/wk. **Prerequisite:** 36 credit points of Junior units of study, including GEOG 1001 or 1002 or ENV11002 or ECOP 1001 or 1002. **Assessment:** One 2hr exam, two 2000w essays, tut papers, prac and fieldwork reports.

*NB: Other Information: As for GEOG 2001*

Human Geography stream: This unit of study examines the spatial processes that underpin cultural and economic activity. Two themes dominate: firstly cultural and economic activities are defined by multiple sets of spatial relations; and secondly, that economic and cultural processes and practices are by necessity inter-related. These arguments provide the entry points for debate on the social construction of economic and cultural spaces, with specific attention to topics including urban change and gentrification; ethnicity; the geographies of global financial flows; and the development of industrial clusters. The unit also develops arguments relating to the economic and cultural geographies of food production and consumption.

### GEOG 2202 Urban and Political Geography

8 credit points. Lecturers to be advised. **Semester:** 2. **Classes:** 3 lec & 5hr tut or prac or fieldwork/wk. **Prerequisite:** 36 credit points of Junior units of study, including GEOG 1001 or 1002 or ENV11002 or ECOP 1001 or 1002. **Assessment:** One 2hr exam, two 2000w essays, tut papers, prac and fieldwork reports.

*NB: Other Information: As for GEOG 2001.*

Human Geography stream: This unit of study starts by examining urban processes and problems in developed and developing countries. For developed countries, the focus is on urban economies, suburbs, urban politics, and the nature of the built environment. For developing countries, urbanisation trends and the ideologies of planning policies are considered. The unit of study considers the political constructions of space, with specific reference to issues of sovereignty and the changing character of political borders and divisions. Topics include diasporas, refugee policies, the role of culture in nationalism, and global geopolitical trends.

### GEOG 2302 Fluvial Geomorphology

6 credit points. Lecturers to be advised. **Semester:** 2. **Classes:** 3 lec, 3 prac & 1 tut/wk. **Prerequisite:** GEOG 2001 or 36 credit points of Junior units of study including GEOG 1001 or ENV11001 or 1002. Students in the Bachelor of Resource Economics should have 36 credit points of Junior units of study in Biology, Chemistry and Mathematics. **Prohibition:** May not be counted with GEOG 2002 or 2303. **Assessment:** One 2hr exam, one essay, one project.

*NB: Other Information: as for GEOG 2001.*

This unit will provide an introduction to fluvial processes and morphology, with particular reference to the Australian environment. The unit will take a holistic view of the fluvial system, emphasising that stream characteristics are an outcome of interrelated variables operating at different scales within the catchment. It will include a description of catchment characteristics; water and sediment delivery, conveyance and influence on channel morphology; floods and floodplains; natural and anthropogenic channel change; groundwater issues; and estuarine sedimentation.

### GEOG 2303 Fluvial and Groundwater Geomorphology

8 credit points. Dr M. Neave, Dr. R.W. Vervoort. **Semester:** 2. **Classes:** 3 lec, 3 prac & 2 fieldwork/wk. **Prerequisite:** GEOG 2001 or 36 credit points of Junior study including GEOG 1001 or ENV11001 or 1002.

Students in the Bachelor of Resource Economics should have 36 credit points of study in Biology, Chemistry and Mathematics. Prohibition: May not be counted with GEOG 2002 or GEOG 2302. Assessment: One 2 hr theory exam, 1 essay, 2 projects.

*NB: Other Information: as for GEOG 2001*

This course will provide an introduction to fluvial processes, morphology and groundwater hydrology, with particular reference to the Australian environment. The course will take a holistic view of the fluvial system, emphasising that stream characteristics are the result of many factors operating at different scales across the entire catchment. An introduction in groundwater hydrology will introduce aquifer flow and water quality concepts as well as the interaction between aquifers and the over- and underlying strata. A modelling project using MODFLOW will be given to study the effects of a contamination on a groundwater supply.

### GEOG 3001 Coastal Environments and Dynamics

12 credit points. Assoc. Prof. Short, Dr Cowell. Semester: 1. Classes: 3 lec & 6hr prac or field/wk. Prerequisite: GEOG 2001 or 2002 or 2101 or 2302 or 2303 or MARS 2002. Assessment: One 2hr exam, two 1500w essays, prac reports.

Senior Geomorphology stream

This unit of study examines the marine, terrestrial and atmospheric components that contribute to the formation and the nature of coastal environments, with particular emphasis on Australian coastal systems. It goes on to focus on the general principles of morphodynamic adjustment to changes in coastal boundary components and their impact on the inner shelf, shoreface and estuaries. The field excursions are closely linked to the unit of study and practical work.

Practical: Field excursion one 1-day, two 3-day

### GEOG 3002 Environmental Geomorphology

12 credit points. Assoc. Prof. D Dragovich, Dr S Gale. Semester: 2. Classes: 3 lec & 6 prac or field/wk. Prerequisite: GEOG 2001 or 2002 or 2101 or 2302 or 2303. Assessment: One 2hr exam, two 1500w essays, prac and field reports.

Senior Geomorphology stream

One component of this unit of study deals with the effects of weathering on the physical and the built environment, and considers the relationship between soils and landforms. The other component deals with environmental change in Australia and the interaction of people with the Australian environment.

### GEOG 3101 Catchment Management

12 credit points. Lecturers to be advised. Semester: 1. Classes: 3 lec & 1 tut & 8 prac or field/wk. Prerequisite: GEOG 2001 or 2002 or 2101 or 2302 or 2303 and GEOG 2102 or 2201 or 2202. Assessment: One 2hr exam, two 1500w essays.

Senior Environmental stream

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.

### GEOG 3102 Coastal Management and GIS

12 credit points. Dr Chapman, Dr Cowell. Semester: 2. Classes: 3 lec & 6 prac or field/wk. Prerequisite: GEOG 2001 or 2002 or 2101 or 2302 or 2303 or MARS 2002. Assessment: One 2hr exam, two 1500w essay, prac or reports.

Senior Environmental Geomorphology stream

The coastal zone provides an ideal area for the study of resources management, since virtually all the central concerns of resources management are exemplified in that zone. Hence, the structure of this unit of study will be determined by these concerns, with the application to the coastal zone providing the central unifying theme. The unit of study first addresses critical physical systems and natural hazards in the coastal zone, and the ways in which decisions are made about resources management. The unit of study then applies geographical information systems in environmental assessment and management of coastal drainage catchments. It focuses on the development and application of GIS models for strategic planning and is structured around a field exercise in location-analysis within a coastal catchment. Practical work involves extensive use of computers.

Practical: Field excursion one 2-day

### GEOG 3201 Asia-Pacific Development

12 credit points. Prof. Connell, Dr Hirsch. Semester: 1. Classes: 3 lec & 9hr tut or prac or fieldwork/wk. Prerequisite: GEOG 2101 or 2102 or 2201 or 2202. Assessment: One 2hr exam, two 2000w essays, tut papers, prac and fieldwork reports.

Senior Social and Economic Geography stream

The unit of study builds on key human geographic principles from the sub-disciplines of environmental, economic, development, social, cultural and urban geography.

The unit of study contains three options. Two are taught sequentially within the semester. The third is a field school that is run over a five week period in January-February, that is prior to the commencement of the semester. The Field School is held alternately in Southeast Asia (typically Vietnam, Laos and Thailand) and in the Island Pacific (typically Fiji, Vanuatu and New Caledonia). It is run in close association with university staff and students in the host countries and it focusses on environmental and developmental issues in the context of rapid rural and urban change.

### GEOG 3202 Sustainable Cities & Regional Change

12 credit points. Dr P McManus and others. Semester: 1. Classes: 3 lec & 9 hrs tut or prac or fieldwork or indiv. research/wk. Prerequisite: GEOG 2102 or 2201 or 2202. Assessment: One 2hr exam, two 2000w essays, tut papers, prac and fieldwork reports.

Senior Social and Economic Geography stream: This unit of study develops the urban geography and environmental management ideas introduced in second year subjects. The focus is on the reconceptualisation of both cities and regions in order to physically change these spaces. The unit of study draws upon Australian and international examples and traces changes in ideas and physical form over time. Students completing this unit of study will have a sound understanding of urban environmental issues, current debates in urban and regional planning for sustainability and how to use GIS in urban and regional studies. Topics covered include ecological footprint analysis, transport, urban form, environmental history, government policy on cities and regions and the use of GIS in urban and regional studies.

### GEOG 3302 Mining, Rural Change and Globalisation

12 credit points. Prof Connell, Dr W Pritchard and others. Semester: 2. Classes: 4 lec & 4 prac/wk. One 5 day field excursion. Prerequisite: GEOG (2001 or 2002 or 2102 or 2201 or 2202 or 2302 or 2303 or 3101) or GEOL (2002 or 2005). Assessment: One 2hr exam, two 2000w essays, tut papers, prac and fieldwork reports.

Senior Social and Economic Geography stream. This unit of study will provide an overview of key issues relating to the assessment of the social and economic impacts of mining and resource industries. Topics to be covered include: the economic geography of the global resources industry; Indigenous Land Rights and Native Title; regional economic analysis using input-output tables; social research on 'company town' mining environments and in fly-in fly-out mining systems, and the political geographies of contested resource ownership. The unit will be taught on the basis of two lecture/seminar presentations weekly, plus problem-solving practical classes where students will be required to critically evaluate Impact Assessment documents relating to major mining developments. The lecture/seminar presentations will each have a two hour duration and will combine formal lecture-style teaching techniques with collaborative 'roundtable' seminar discussions.

## ■GEOL

### GEOL1001 Earth and its Environment

6 credit points. Prof P Davies (Coordinator). Semester: 1. Classes: 3 lec & prac or tut/wk. Assumed knowledge: No previous knowledge of Geology assumed. Prohibition: GEOL 1501. Assessment: One 2hr exam, class and field work.

The aim of this unit of study is to provide students with an understanding of how the Earth system works, its origin, plate tectonics, surface processes, evolution of life and geologic time. The crises in resources and fossil fuel and implications for our economy will be discussed and an assessment made of our own impact on the Earth together with the role of geologists in protecting and monitoring the environment. Students will learn techniques and types of observations used to decipher the history and evolution of the Earth, and dating sediments and rocks. Laboratory classes and a one day field trip in the Sydney region will involve exercises in observing and describing Earth

materials and in interpreting Earth history from geological information, including fossils and maps.

### GEOL 1002 Earth Processes and Resources

6 credit points. Associate Professor Keene (Coordinator). Semester: 2. Classes: 3 lec & prac or tut/wk. Assumed knowledge: No previous knowledge of Geology assumed. Prohibition: GEOL 1501. Assessment: One 2hr exam, class and field work.

The aim of this unit of study is to examine the chemical and physical processes involved in mineral formation, the interior of the Earth, volcanoes, and metamorphism. Lectures and laboratory sessions on mountain building processes and the formation of ore deposits will lead to an understanding of the driving forces in geology. 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 weekend field excursion to the Hunter Valley. Students will be required to pay hostel accommodation for one night on the Hunter Valley excursion.

### GEOL 2001 Geological Hazards and Solutions

8 credit points. Dr D Wyman. **Semester:** 1. Classes: 4 lec & 2 prac or tut/wk. **Prerequisite:** GEOL 1002 or ENV11001. A candidate who has completed 24 credit points of Junior units of study in Physics and Chemistry and who has not taken Junior Geology or ENV11001, may apply under section 1 (4) for permission to enrol in GEOL 2001. **Prohibition:** CIVL2409. **Assessment:** Two 2hr theory, lab exam, class work, field work.

This unit expands upon the concepts introduced during the Junior units of study in Geology and uses a problem solving approach to investigate geological processes and materials that are important in Asia, Australia, and the South-West Pacific. The two main topics covered in the unit are a) the description, analysis, and remediation of sediments polluted by agricultural, industrial and urban practices; and b) the strategies used to identify, predict and mitigate the hazards associated with volcanism and earthquakes. The unit of study has an emphasis on developing a thorough knowledge of the analytical techniques and methods applied to evaluating the hazards associated with these phenomena as well as providing students with the fundamental geochemical and geological knowledge required to interpret the data collected during these investigations. In addition to lectures and practicals students are required to attend a compulsory field trip and may choose between two alternative field trips, either a) the New Zealand Field Trip which gives students a first-hand experience of volcanism and seismic activity at an active plate margin; or b) the Rivers and Estuaries of Sydney which introduces students to the sampling and mapping techniques used to evaluate geochemical pollution and remediation strategies.

### GEOL 2002 Resource Exploration and Management

4 credit points. Dr Birch. **Semester:** 2. **Classes:** 2 lec & 1 prac or tut/wk. **Prerequisite:** GEOL 2001. **Prohibition:** CIVL 2409. **Assessment:** One 2hr exam, class work, field work.

Materials sourced from mining and fossil fuels are important to the Australian economy and essential parts of our everyday lives. Geological concepts developed in Geology 2001 are used as a basis to understand the basic physical, chemical and biological processes that formed metamorphic rocks, petroleum, coal and ore deposits in Australia. The unit of study also introduces students to geophysics and geophysical techniques used in resource management.

In addition to laboratory classes there will be a compulsory five-day field trip to near Yass, where students will be instructed in methods of geological mapping and the identification of geological objects in the field. Students will be required to pay hostel accommodation for five nights.

### GEOL 2003 Fossils and Time

4 credit points. Semester: 2. Classes: 2 lec & 1 prac or tut/wk. Prerequisite: 24 credit points of Science units of study. Prohibition: CIVL 2409. Assessment: One 2hr theory, class work.

This palaeontology and stratigraphy unit of study is aimed at geoscientists, archaeologists, biologists, marine and environmental scientists who use fossils or stratigraphic data to determine ages, environments or evolutionary lineages. It provides an overview of fossil biodiversity, concentrating on invertebrate animals but also covering vertebrates, plants and microorganisms, with the emphasis on those groups that are most environmentally or stratigraphically useful. It also considers the main methods of stratigraphic correlation and age determination, concentrating on litho- and bio-stratigraphy but also covering the more modern techniques of chemo-, magneto- and sequence-stratigraphy as well as radiometric age dating.

### GEOL 2004 Environmental Geology and Climate Change

4 credit points. Dr Hughes and Dr Gavin Birch. Semester: 1. Classes: 3 lec/wk & fieldwork. Prerequisite: 24 credit points of Science units of study. Assessment: One 2hr exam and assignments.

The Earth sciences provide an essential framework for understanding environmental changes that arise from short-term and long-term geological processes. This unit of study introduces students to a range of geological phenomena that can impact detrimentally on society using examples drawn from the urban areas and national parks in New South Wales. These phenomena have a variety of impacts ranging from the level of nuisance to disastrous. As the welfare of much of the world's population is sensitive to climate change, a component of the course will include an examination of global climate change over a variety of timescales ranging from millions of years to tens of years. The record of recent climate change and projections of future climate change will be reviewed in the context of their natural and human causes.

### GEOL 2005 Environmental Geology: Resources

4 credit points. Professor Iain Mason. Semester: 2. **Classes:** 3 lec/wk & fieldwork. **Prerequisite:** 24 credit points of Science units of study. **Assessment:** One 2hr exam.

Australia is a major primary producing nation and mining accounts for a substantial part of its export income. This segment of the environmental geology program is concerned with the application of geological information and techniques in solving conflicts that may arise when new mines are proposed. It shows how geological principles can be used to minimise environmental degradation in areas of active mining. Topics covered include renewable and non-renewable global energy resources, the importance of minerals in an industrialised society, mineral extraction and processing, the environmental impact of mining and mineral processing, site reclamation, recycling, ecologically sustainable development, global climate change and environmental law.

### GEOL 3101 Crustal Growth and Recycling

12 credit points. Dr Geoffrey Clarke and Dr Patrice Rey. **Semester:** 1. **Classes:** 12 hours of lectures & practical classes per wk, one 12-day field excursion. **Prerequisite:** GEOL 2002. **Prohibition:** May not be counted with GEOL 3001. **Assessment:** Two 2hr theory & laboratory exams, classwork and field exercises.

One half of this unit will study the major tectonic processes that shape the Earth's surface and their products. Tectonic, metamorphic and structural studies provide students with a more detailed understanding of global tectonic theory. Students will study rocks from active tectonic environments, the structure of the crust in different tectonic settings, processes that control mountain building, and the effects of modern and ancient plate boundaries on the evolution of the continents. The application and interpretation of remote sensing techniques in these studies will also be covered in computer-based practical exercises that use a mixture of Landsat TM, radiometric and magnetic databases.

The other half of this unit provides a detailed, process-oriented understanding of the origin and evolution (petrogenesis) of Earth's crust. It will show how thin sections and hand samples of igneous rocks can be used in conjunction with chemical and isotopic data to illustrate magmatic processes. An optional twelve-day field school will be run to New Zealand, where students will examine exciting and, in many cases, active examples of developing geological phenomena that are only preserved as ancient examples in Australia. Study topics include active volcanic processes in the North Island, Neotectonic structures and crustal uplift, and features produced by active and Cretaceous plate convergence in the South Island.

### GEOL 3102 Earth's Evolution and Energy

12 credit points. Dr Gavin Birch. Semester: 1. Classes: 12 hours of lectures & practical classes per wk, one weekend field excursion. Prerequisite: GEOL 2002 or 2003 or 8 credit points of Intermediate Biology, Environmental or Marine Science. Prohibition: May not be counted with GEOL 3002, 3004 and/or 3006. Assessment: Two 2hr exams, assignment and classwork.

One half of this unit is aimed at geoscientists, biologists, environmental and marine scientists who are interested in the evolution of life, how it has been constrained by changing environmental conditions, and how it provides a basis for assessing modern environmental problems such as 'nuclear winter', global warming, the ozone hole and biodiversity destruction. It includes a seminar series focussing on the major events in the history of life and the earth, including mass

extinctions and explosive radiations and their evolutionary and ecological influences and outcomes. This emphasises critical reading of scientific papers, short oral presentations and group discussions. An accompanying lecture and practical component will focus on historical geology, particularly of the Australian continent, covering the changing nature of Earth's geological record and surface environment through time. A weekend field excursion to examine a mass extinction horizon is also included.

The other half of this unit provides a comprehensive introduction to petroleum exploration. It acquaints students with tools currently being used in the industry and is underpinned by modern concepts of basin architecture and sequence stratigraphy. Exploration techniques include the principals and practice of electrical logging, source rock evaluation and reservoir quality assessment. The controlling influence of basin architecture is examined in terms of critical factors such as hydrocarbon source, migration and entrapment, whereas the modern concepts of sequence stratigraphy and seismic stratigraphy are used to demonstrate climatic and tectonic control. This unit of study uses a problem solving approach to bring the theoretical and practical issues of petroleum exploration into clear focus.

### GEOL 3103 **Ore Deposit Geology & Structural Mapping**

12 credit points. Dr Derek Wyman and Dr Patrice Rey. Semester: 2. Classes: 12 hours of lectures & practical classes per wk, two field excursions. Prerequisite: GEOL 2002. Assessment: Two 2 hr theory & laboratory exams, class work and field reports.

One half of this unit provides an introduction to the geology of metallic ore deposits. Deposits will be examined in terms of their geographic and tectonic distribution, physical and geochemical characteristics, genesis, and related exploration criteria. General metallogenic principals will be emphasised through the examination of representative ore deposit subtypes including: magmatic Cr-PGE-Ni-Cu; volcanogenic and sedimentary Cu-Pb-Zn massive sulphide; lode gold; Mississippi Valley type Pb-Zn; and Cu-Mo-Au porphyry. Laboratory classes will include reflected and transmitted light microscopy of ores and associated rock types, along with hand specimen assessment; evaluation of geochemical data; and a synthesis of Global to Local exploration methods. In addition to laboratory classes there will be a five-day field excursion to an area of known sub-surface mineralisation, close to active mining operations. There, students will plan and execute basic geological, magnetic, gravimetric, electro-magnetic and electrical prospecting surveys. Data collected in the field will be analysed both on-site and in the laboratory. Students will be required to pay hostel accommodation for five nights.

The other half of this unit will give students practical experience in advanced structural analysis. It examines aspects of structural geology that characterise the tectonic setting and evolution of various sedimentary basins, integrating geological models that assist in the search for petroleum resources. It also examines current models proposed for the origin and evolution of multiply deformed gneiss terrains in different tectonic settings and shows how to combine different types of both field and laboratory data to develop structural models for these terrains. A twelve-day field trip will be run between Semesters 1 and 2 to central Australia (Alice Springs), where students will be instructed in methods of geological mapping and map interpretation in deformed and metamorphosed terranes. Students will be required to pay hostel accommodation for this excursion, and the field trip may involve camping.

### GEOL 3104 **Sedimentary Processes**

12 credit points. A/Prof Jock Keene and Dr Michael Hughes. Semester: 2. Classes: 12 hours of lectures & practical classes per wk, two weekend field excursions. Prerequisite: GEOL 2001 or 8 credit points of Intermediate Marine Science. Assessment: Two 2 hr theory & laboratory exams, assignment and class work.

The first half of this unit provides a detailed understanding of the physical processes responsible for producing sedimentary textures, bed-forms and structures observed in both modern and ancient depositional environments. The theory content of the course is divided into three themes. The fluid dynamics theme addresses boundary layer processes, in particular, turbulence and shear stress production at the fluid/sediment boundary. Both unidirectional (currents) and oscillatory (waves) flows are considered. The sediment dynamics theme describes the mechanics of sediment entrainment, transport and deposition for both cohesionless (sandy) and cohesive (muddy) sediments. The final theme explains how the interaction of fluid and sediment dynamics produces the wide variety of bedforms and structures

observed in both modern sediments and ancient sedimentary rocks. The practical content of the course will develop student's skills in field experimentation and sampling, and the quantitative interpretation of physical processes from the study of sedimentary textures and structures. A weekend field excursion forms part of the practical program, and students will be required to cover the cost of hostel accommodation for one night.

The second half of this unit examines the interaction of physical, chemical and biological processes active on, and in, the sea floor of Planet Earth. A variety of continental margins will be compared together with the deep sea floor. Samples from the shelf, slope and deep-sea will enable examination of the role of plants and animals in modifying sediment texture and composition, unravelling the history of how sediments became rocks, and enable an understanding of how and why ocean basin sedimentary deposits have changed through time. The past 200 million years will be analysed using Ocean Drilling Program data. The aim of this module is to provide the student with skills to analyse sea floor environments, sediments and rocks and interpret a variety of geological, geophysical, oceanographic and biological data. Laboratory work will emphasise both techniques of sediment/rock analysis and interpretation of data from direct sampling. Includes a one day excursion on Sydney Harbour.

## ■ GEOP

### GEOP 3201 **Modelling Earth Processes**

12 credit points. Dr Dietmar Muller and Dr Michael Hughes. Semester: 1. Classes: 12 hours of lectures & practical classes per wk. Prerequisite: 6 credit points of Junior Mathematics and 16 credit points of Intermediate Science units of study. Prohibition: May not be counted with GEOP 3001, 3002 and 3004. Assessment: Two 2hr theory & laboratory exams, assignment and class work.

This unit of study is aimed at applying computational methods to modelling Earth processes. Complex links among deep Earth processes, tectonics, and surface processes control the long-term evolution of the Earth. Plate tectonic processes in the ocean basins and margins control the production of magma and the destruction of crust, which collectively lead to changes in sea level, geochemistry and sedimentation, and drive the formation of basins and mountain belts with associated natural resources. Subject to rapid change within this system are the Earth's coastlines, which are vulnerable to changes in sea level and ocean currents, causing erosion/sedimentation or flooding. This unit bridges the gap between solid Earth and surface processes by building on the similarity in computational methods common to many aspects of analysing/modelling the Earth system. Our objective is to convey the basics of data collection, time series (harmonic and spectral) analysis, and filtering, as well as forward modelling of solid Earth and surface physical processes, with an emphasis of data collected by remote sensing and at sea. As 70% of the Earth's surface is covered by water, marine processes are highlighted, including the formation of sedimentary basins and hydrocarbon resources. The unit is relevant to all students interested in using computational methods to learn how the Earth works.

### GEOP 3202 **Geophysical Exploration**

12 credit points. Prof. Iain Mason. Semester: 2. Classes: 12 hours of lectures & practical classes per wk, one 5-day field excursion. Prerequisite: 16 credit points of Science units of study. Prohibition: May not be counted with GEOP 3003, 3005 and 3006. Assessment: Two 2hr theory & laboratory exams, assignment and class work.

One half of the unit examines the use of geophysical techniques to map high value sites with minimum disruption. Immediate targets will include archaeological digs, and other sites of high cultural and/or commercial value that have been polluted: (1) inadvertently, as in the Murray-Darling basin; or (2) by more hostile actions, such as the planting of land mines, the construction of sub-standard factories, and poorly designed mine tailings dumps. The problems selected will be prototypes of more general mapping problems, such as that of delineating an oil reservoir. Techniques to be covered will include micro-gravity surveying, magnetism and aero-magnetism; radiometry, short- and long-range surveillance and tracking. Computer-aided design techniques, backed up by field measurements, will be used to design and cost an economical high-resolution survey of a housing area, endangered by a very old unmapped mine.

The other half of the unit will formalise the description and sampling of three kinds of fields: quasi-static (gravity / magnetic), dynamic (seismic / radar) and hydrodynamic that influence the formation and betray the presence of mineral

deposits. It will also analyse the data acquisition, mapping, map enhancement and pattern recognition operations that influence their discovery. These operations include the analysis of time series in order to formally link colours, patterns and their spectra, the filtering of gravity and aero-magnetic maps to distinguish between deep and shallow exploration targets, the reconstruction of 3D images from the shadows cast by the transmission of X-rays, sound and other forms of radiation; and the use of back-scattered light, seismic and radar radiation to form 3D synthetic aperture images. In addition to laboratory classes there will be a five-day field excursion to an area of known sub-surface mineralisation, close to active mining operations. There, students will plan and execute basic geological, magnetic, gravimetric, electro-magnetic and electrical prospecting surveys. Data collected in the field will be analysed both on-site and in the laboratory. Students will be required to pay hostel accommodation for five nights.

## ■ HPSC

### HPSC 2001 **What Is This Thing Called Science?**

4 credit points. **Semester:** 2. **Classes:** 2 lee & 2 tut/wk. **Prerequisite:** 24 credit points of Junior units of study. This is a qualifying unit of study for Senior History and Philosophy of Science units of study. **Assessment:** Two in-class tests, tutorial assignments.

Based on the best-selling book of the same title, 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.

#### *Textbooks*

Chalmers, A. *What is this thing called Science?* (3rd ed)

### HPSC 2002 **The Birth of Modern Science**

4 credit points. **Semester:** 1. **Classes:** 2 lee & 2 tut/wk. **Prerequisite:** 24 credit points of Junior units of study. This is a qualifying unit of study for Senior History and Philosophy of Science units of study. **Assessment:** Two in-class tests, tutorial assignments.

An introduction to the 'scientific revolution' of the seventeenth century, 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*

Henry, J. *The Scientific Revolution and the Origins of Modern Science.*

HPSC 3001 **History of Physical Sciences and Maths**  
6 credit points. **Semester:** 1. **Classes:** 2 lee 2 tut/wk. **Qualifying:** HPSC 2001 and 2002. **Assessment:** Exercises, one take-home exam. Examines some of the major episodes in the social and scientific history of the physical and/or mathematical sciences, building upon the material covered in HPSC 2002.

HPSC 3002 **History of Biological/Medical Sciences**  
6 credit points. **Semester:** 2. **Classes:** 2 lee, 2 tut/wk. **Qualifying:** HPSC 2001 and 2002. **Assessment:** Take-home exams, tutorial work. Examines some of the major episodes in the social and scientific history of the biological and biomedical sciences.

### HPSC 3003 **Social Relations of Science**

4 credit points. **Semester:** 1. **Classes:** 1 lee & 1 tut/wk. **Qualifying:** HPSC 2001 and 2002. **Assessment:** Short essay, fieldwork reports, tutorial work.

An introduction to sociological approaches to science as an institution and the study of social influences on the production of scientific knowledge.

### HPSC 3005 **History/Philosophy of Medicine**

4 credit points. **Semester:** 1. **Classes:** 1 lee & 1 tut/wk. **Qualifying:** HPSC 2001 and 2002. **Assessment:** Class work, essay.

An introduction to some of the major episodes in the social and scientific history of medicine, from ancient Greece to the present day.

### HPSC 3007 **Science and Ethics**

4 credit points. **Semester:** 1. **Classes:** 1 lee, 1 tut/wk. **Qualifying:** HPSC 2001 and 2002. **Assessment:** Short essays, tutorial work. Focuses on the ethical issues arising in science. Students have the chance to compare the theories studied to the experience of working scientists.

### HPSC 3100 **Contemporary Issues in HPS**

4 credit points. **Semester:** 2. **Classes:** 1 lee, 1 tut/wk. **Qualifying:** HPSC 2001 and 2002. **Assessment:** Classwork, take-home exam. An examination of one area of the recent literature in the history and philosophy of science.

### HPSC 3102 **History of the Biomedical Sciences**

12 credit points. **Semester:** 1,2. **Classes:** 4 lee, 4 tut & 4 prac/wk. **Qualifying:** HPSC 2001 and 2002. **Assessment:** Tut assignment, one 3000w essay, project report, take-home exam. An introduction to some of the major episodes in the social and scientific history of biological and medical science.

### HPSC 3103 **Philosophy of the Biological Sciences**

4 credit points. Dr Griffiths. **Semester:** 2. **Classes:** 1 lee & 1 tut/wk. **Prerequisite:** HPSC 2001 and 2002. **Assessment:** One tut presentation (50%), one take-home exam.

The major philosophical debates in and about recent biological science, concentrating on evolutionary biology and genetics. Previous study in biology is not assumed.

#### *Textbooks*

Sterelny, K & Griffith, P E. *Sex and Death: An Introduction to the Philosophy of Biology*

### HPSC 3105 **Philosophy of Physics**

4 credit points. Professor Huw Price (Philosophy), Professor Stephen Gaukroger (Philosophy). **Semester:** 1. **Classes:** 2 lee & 1 tut/wk. Individual student consultation as required. **Prerequisite:** HPSC 2001 and 2002. **Prohibition:** May not be counted with PHIL 3212. **Assessment:** Take home examination.

A discussion of the main philosophical issues arising from developments in physics in the past century. The course uses texts for non-physicists and presupposes no more than an average high school background in mathematics and physics.

#### *Textbooks*

Price, H. *Time's Arrow and Archimedes Point* (OUP 1996);

Sklar, L. *The Philosophy of Physics* (Westview & OUP 1992).

### HPSC 3106 **Philosophy of Mathematics**

4 credit points. Dr Adrian Heathcote (Philosophy). **Semester:** 2. **Classes:** 2 lee & 1 tut/wk. Individual student consultation as required. **Prerequisite:** HPSC 2001 and 2002. **Prohibition:** May not be counted with PHIL 3219. **Assessment:** Take home examination.

An examination of contemporary problems in the philosophy of mathematics. We will look at the philosophies of mathematics known as Nominalism, Platonism, Formalism and Constructivism while also touching on the reduction of mathematics to Set Theory and the significance of the Godel and Lob theorems.

### HPSC 4101 **Philosophy of Science**

6 credit points. **Semester:** 1. **Classes:** One 2hr sem/wk. **Prerequisite:** 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). **Assessment:** Five short written assignments, seminar participation mark.

*NB: Permission required for enrolment.*

This unit covers the main contemporary philosophical accounts of the nature of science. Philosophical analyses are compared with examples of actual practice in both physical and biological science.

### HPSC 4102 **History of Science**

6 credit points. **Semester:** 1,2. **Classes:** One 2hr sem/wk. **Prerequisite:** 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). **Assessment:** Two essays, seminar participation.

*NB: Permission required for enrolment.*

This unit explores major episodes in the history of science as well as introducing students to historiographic methods.

### HPSC 4103 **Sociology of Science**

6 credit points. **Semester:** 2. **Classes:** One 2hr sem/wk. **Prerequisite:** 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). **Assessment:** Essay, fieldwork report, seminar participation mark.

*NB: Permission required for enrolment.*

This course builds upon earlier courses introducing the sociology of science with an exploration of recent approaches in the social studies of scientific knowledge. Specific topics include the 'strong program' sociologists of knowledge and their critique of traditional philosophy of science, the counter-arguments of philosophers, anthropological approaches to science such as ethnomethodology and 'actor-network' theory, and sociology of technology. Students evaluate the approaches by conducting their own research on specific cases.



**HPSC 4104 Recent Topics in HPS**

6 credit points. Semester: 1,2. Classes: One 2hr sem/wk. Prerequisite: 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). Assessment: Two essays, seminar participation.

*NB: Permission required for enrolment.*

An examination of one area of the contemporary literature in the history and philosophy of science.

**HPSC 4105 HPS Research Methods**

6 credit points. Semester: 1. Classes: One 2hr sem/wk. Prerequisite: 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). Assessment: Literature review, archival research project, seminar participation mark.

*NB: Permission required for enrolment.*

An introduction to the research skills of history, philosophy and sociology of science. Students will learn to be conscious of their own introductions of interpretations, arguments and theories into their research and writing through comparative study of different schools in contemporary HPS.

**HPSC 4106 Research Project A**

12 credit points. Semester: 1,2. Classes: Weekly individual supervision. Prerequisite: Available only to students admitted to HPS Honours and Graduate Diploma in Science (History and Philosophy of Science). Corequisite: Must be taken in conjunction with HPSC 4107 Research Project B in the following semester. Assessment: Conduct of research tasks as specified by the supervisor.

*NB: Permission required for enrolment.*

Research into a topic in history and philosophy of science under the supervision of one or more members of the HPS staff.

**HPSC 4107 Research Project B**

12 credit points. Semester: 1, 2. Classes: Weekly individual supervision. Prerequisite: Available only to students admitted to HPS Honours and Graduate Diploma in Science (History and Philosophy of Science). Corequisite: HPSC 4999 (for Honours students only). Assessment: 15000 word thesis.

*NB: Permission required for enrolment.*

Production of an original thesis of not more than 15,000wds under the supervision of one or more members of the HPS staff.

**HPSC 4999 History & Philosophy of Science Honours**

No credit points. Semester: 1,2. Prerequisite: Available only to students admitted to HPS Honours.

*NB: 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.

## ■ INFO

**INFO 2000 System Analysis and Design**

4 credit points. Semester: 1, Summer. Classes: 2 lec and 1 tut or 1 prac/wk; 1 unscheduled lab work with a CASE tool. Qualifying: INF01000 or ISYS 1003 or SOFT (1001 or 1901) or COMP (1001 or 1901 or 1002 or 1902). Assessment: Written and practical assignments + written exam. The syllabus covers data-centred, process-oriented and object-centred methodologies for requirements analysis and system description to address organisational needs, including the gathering of facts, diagnosis of problems, recommendation of appropriate and feasible solutions. A CASE tool will be used to develop practical skills.

**INFO 2005 Personal Database Tools**

4 credit points. Semester: 2. Classes: 2 lec, 1 tut/wk; 1 unscheduled lab work. Qualifying: INFO 1000 or ISYS 1003 or SOFT (1001 or 1901) or COMP (1001 or 1901 or 1002 or 1902). Prohibition: May not be counted with COMP 3005 or 3905. Assessment: Written and practical assignments + written exam.

The syllabus covers use of databases through forms and through SQL language; data representation and basic interfaces; good design of tables through normalisation. Use of a variety of data modelling techniques. A commercial strength PC based database system will be used to develop practical skills.

**INFO 2007 Distributed Information Systems**

4 credit points. Semester: 2. Classes: 2 lec, 2 prac/wk. Qualifying: ISYS 2006. Assessment: One 2hr examination, written assignments.

This unit of study covers both networking technologies and design of distributed applications. Emphasis is on the analysis and design of effective solutions and patterns to business issues. Students learn to evaluate and select appropriate technologies and configurations. Major topics include: communications media and techniques; network topologies, devices and standards;

distributed system architectures such as client/server and the Internet; design and management for integrity, reliability and security; and, business applications.

**INFO 3005 Organisational Database Systems**

4 credit points. Semester: 1. Classes: 2 lec & 1 tut/wk. Qualifying: INFO 2005. Prohibition: May not be counted with INFO 3905 or COMP 3005 or COMP 3905. Assessment: Assessment assignments, written exam. Large organisations store lots of essential data in central repositories from which many users can access it. This unit covers the development of client-server systems which access shared data in a DBMS. It also deals with the responsibilities of the Database Administrator who must organise the physical structures to make access efficient, and who must also guard the integrity of the data.

**INFO 3905 Organisational Database Systems (Adv)**

4 credit points. Semester: 1. Classes: 2 lec & 1 tut/wk. Prerequisite: 16 credit points of Intermediate or Senior Computer Science units of study with Distinction average. Qualifying: INFO 2005. Prohibition: May not be counted with COMP 3005 or COMP 3905 or INFO 3005. Assessment: Written and programming assignments; written exam. An advanced alternative to INFO 3005; covers material at an advanced and challenging level.

**INFO 4300 Information Systems (AdvancedTopic)**

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Credit in ISYS 3000. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination. *NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.*

To develop knowledge of the concepts, and mastery of the techniques, in one specialist topic within the field of Information Systems. This would build on the broad survey provided by ISYS 3000. The coverage would be at the level of an professional monograph, or papers from the research literature. The specific topic covered would vary from one offering to another, depending on staff interest and expertise. Example topics include: management of change in organisations, soft systems analysis, workflow management.

**INFO 4306 Database Systems (AdvancedTopic)**

4 credit points. Semester: 1,2. Classes: 2hrs lec & 1 hr tutorial or lab/wk. Prerequisite: Credit in INFO 3005. Assessment: Written and practical assignments (individually and/or in small groups) and a final examination. *NB: Permission required for enrolment. This unit may be available in February or July semester; it may not always be offered.*

To develop knowledge of the concepts, and mastery of the techniques, in one specialist topic within the field of Database Systems. This would build on the broad survey provided by COMP 3005. The coverage would be at the level of an professional monograph, or papers from the research literature. The specific topic covered would vary from one offering to another, depending on staff interest and expertise. Example topics include: transaction processing monitors, advanced conceptual modelling, object-oriented databases.

**INFO 4901 Research Preparation**

8 credit points. Semester: 1,2. Prerequisite: Permission of Head of Department.

*NB: Permission required for enrolment.*

This unit involves the preparation needed for a significant project of research. A weekly lecture covers topics such as use of literature, structure of a thesis, evaluation of research claims. Students are required to produce three main contributions.

- A literature review:

This must give a thoughtful and integrated account of the relevant prior work, as normally found in a thesis chapter. Assessment will be based on both the thoroughness of the coverage and on the understanding of the purpose and prior work.

- Research Plan and Project requirements:

For a system or product type project, the specifications are similar to those defined in software engineering. For a theoretical type of project, this really means a 'critical analysis of the problem, identification of the problem and definition of the problem'. Assessment is based on the appropriateness of the work as a basis for a successful honours project

- Initial progress:

The nature of this progress should be negotiated with the project supervisor, but it could be, for example, a prototype

implementation, derivation of existing results, or an experimental setup (eg, a simulation environment).

### INFO 4902 Research Project

16 credit points. **Semester:** 1,2. **Prerequisite:** Permission of Head of Department.

*NB: Permission required for enrolment.*

This unit represents the completion of the project of supervised research, whose initial planning was done in INFO 4901. The main outcome is a thesis (usually about 50 pages long), which describes the purpose of the work, the background and prior results, what was accomplished, the evidence you have collected for the success of the project, and what further work might be worthwhile. For the most successful projects, it is reasonable that the thesis will form the basis of publications in the research literature.

### INFO 4999 Computer Science Honours Result

No credit points. **Semester:** 1,2. **Prerequisite:** Permission of the Head of Department.

*NB: Permission required for enrolment.*

All students in Computer Science Honours must enrol in this non assessable unit of study in their final semester.

## ■ ISYS

### ISYS 1003 Foundations of Information Technology

6 credit points. **Semester:** 1,2. **Classes:** 2 lec, 3 prac & 1 tut/wk. **Prohibition:** May not be counted with INF01000. **Assessment:** Practical assignments, quizzes, tutorial contribution, written exam. In our society computer systems have become a major platform for communication, commerce, education and entertainment. Students, using a systems thinking approach, will undertake meaningful research and authoring tasks using various kinds of software including word processors, spreadsheets, Web browsers and databases, in order to understand how hardware, software and human systems support communication, collaboration, modelling and decision-making. Students will be expected to understand how information is structured, linked and flowed in different situations, and to be able to customise an IT environment to streamline or share tasks. In addition, the course will emphasise the importance of documenting decisions and processes, and understanding the many social, ethical, and intellectual property issues that arise when creating and handling information.

### ISYS 2006 Information Systems in Organisations

4 credit points. **Semester:** 1. **Classes:** 2 lec & 1 tut/wk. **Assumed knowledge:** Use of basic PC tools such as spreadsheets, Internet, email and word processing software. **Qualifying:** INF01000 or ISYS 1003 or SOFT (1001 or 1901) or COMP (1001 or 1901 or 1002 or 1902). **Assessment:** One 2hr examination, written assignments.

*NB: Enrolment Restriction: Entry is restricted to students who have a credit or better in at least one of the qualifying units*  
The syllabus provides a critical review of the enabling impact of information systems on business processes. The use of telecommunications and data communications and their applications to distributed information systems, and the management of change due to information technology are discussed in some detail. A key element of this unit is the development of critical analysis and communication skills by students.

### ISYS 3000 Information Systems Management

4 credit points. **Semester:** 2. **Classes:** 2 lec, 1 tut/wk; 1 unscheduled lab work. **Qualifying:** INFO 2000 or ISYS 2006. **Assessment:** Written and practical assignments and written exam.

The syllabus covers applications in business and management, managing information technology, planning and implementation of information systems, end user computing, system approach, strategic planning, operations management, control and audit and quality management, strategic information systems.

### ISYS 3012 Project Management and Practice

4 credit points. **Semester:** 1. **Classes:** 2hr lec, 1 prac & 1 hr independent study/wk. **Qualifying:** INFO 2000. **Assessment:** One 2hr examination, written assignments.

This unit of study covers the factors necessary for successful management of system development or enhancement projects. Both technical and behavioural aspects of project management are discussed with a focus on management of development for enterprise-level systems. Major topics include managing the system life cycle, system and database integration issues, network and client-server management, system performance

evaluation, managing expectations of team members, cost-effectiveness analysis, and change management.

### ISYS 3015 Analytical Methods for IS Professionals

4 credit points. **Semester:** 1. **Classes:** 2hr lec & 1 prac/wk. **Prerequisite:** 16 credit points of Intermediate or Senior units of study. **Qualifying:** ISYS 2006 and INFO 2000 and [ARIN 1000 or ENGL 1050 or LNGS (1001 or 1002 or 1005) or ECOF (1001 or 1002)]. **Assessment:** One 3hr examination, written assignments.

*NB: Enrolment Restriction: Entry is restricted to students who have a credit or better in at least one of the Qualifying units. Alternatively, for 2002 only, a student who has completed ISYS 2006 with a Credit or better, and 24 credit points of Intermediate units of study including 8cp from INFO or ISYS units of study will be also be admitted to the unit.*

A collection of different methods for collecting and analysing information will be studied in the context of a systems thinking approach to investigative research. These approaches include participative methods, surveys, focus groups, controlled experiments and case studies.

### ISYS 3113 Arts Informatics Systems

4 credit points. **Semester:** 1. **Classes:** 2 lec & 1 tut/wk. **Qualifying:** INFO 2005. **Assessment:** Examination and written assignments.

A variety of topics relevant to the text and image processing needs of the Arts and Social Sciences such as scripting languages, text retrieval, natural language processing, applied artificial intelligence, and multi media techniques in the context of data distributed in databases across networks.

### ISYS 3207 Information Systems Project

8 credit points. **Semester:** 2. **Classes:** 1 hr lec/wk. **Prerequisite:** INFO 3005 or ISYS 3000 or 3012 or 3113. **Qualifying:** ISYS 3015 or ARIN 2000. **Assessment:** Written project report and presentation.

The objective is to enable students to design and implement a solution to a complex data processing problem or to investigate an issue in the management or development of a real-world information system. The project consists of students working together in teams to complete a task of adequate complexity that draws on their education in Information Systems to date. The project will either investigate an issue that is important to the successful practice of the management of Information systems including topics in such areas as end-user computing, IS methodologies, business process re-engineering. Alternatively, it will follow through the life-cycle of systems creation and development and delivery using the traditional tools and methods of the systems analyst.

## ■ MARS

### MARS 2001 Introductory Marine Science A

4 credit points. **Semester:** 1. **Classes:** 3 lec & 1 tut/wk. **Prerequisite:** 24 credit points of Junior units of study from Science Discipline Areas. This is a qualifying unit of study for MARS 3001 and 3002. Some options in Senior Marine Science have additional prerequisites. **Assessment:** One 2hr exam, classwork.

Introduction to oceanography and its history; the morphology, geology and history of the continental shelves, continental slopes and ocean basins; ocean properties and circulation, ocean-atmosphere and ocean-sea floor relationships.

### MARS 2001 Introductory Marine Science A

4 credit points. **Semester:** 1. **Classes:** 3 lec & 1 tut/wk. **Prerequisite:** 24 credit points of Junior units of study from Science Discipline Areas. This is a qualifying unit of study for MARS 3001 and 3002. Some options in Senior Marine Science have additional prerequisites. **Assessment:** One 2hr exam, classwork.

Introduction to oceanography and its history; the morphology, geology and history of the continental shelves, continental slopes and ocean basins; ocean properties and circulation, ocean-atmosphere and ocean-sea floor relationships.

### MARS 2002 Introductory Marine Science B

4 credit points. **Semester:** 2. **Classes:** 3 lec & 1 tut/wk, 1 day excursion, 1/2 day excursion. **Prerequisite:** 24 credit points of Junior units of study from Science Discipline Areas. This is a qualifying unit of study for MARS 3001 and 3002. Some options in Senior Marine Science have additional prerequisites. **Prohibition:** May not be counted with GEOG 2002. **Assessment:** One 2hr exam, classwork.

Introduction to physical processes affecting the coastal zone; chemical cycles within the oceans; major biological systems of the oceans; biological adaptation.

**MARS 2002 Introductory Marine Science B**

4 credit points. **Semester:** 2. **Classes:** 3 lec & 1 tut/wk, 1 day excursion, 1/2 day excursion. **Prerequisite:** 24 credit points of Junior units of study from Science Discipline Areas. This is a qualifying unit of study for MARS 3001 and 3002. Some options in Senior Marine Science have additional prerequisites. **Prohibition:** May not be counted with GEOG 2002. **Assessment:** One 2hr exam, classwork.

Introduction to physical processes affecting the coastal zone; chemical cycles within the oceans; major biological systems of the oceans; biological adaptation.

**MARS 2003 Marine Science Field School**

4 credit points. **Semester:** 1. **Classes:** Field school and prac/Sem 2hr/wk. **Prerequisite:** 48 credit points of Junior units of study from Science Subject Areas. **Corequisite:** MARS 2001. **Assessment:** Participation in field school, participation in practicals, assignments.

Marine Scientists are generally involved in a wide variety of fieldwork throughout their careers. A detailed knowledge of field methods and techniques is therefore a necessary component in the education of marine scientists. This unit of study introduces students to a range of field issues within the coastal and marine environment during a five day field school held 19-23 February, prior to commencement of lectures. Many of the field methods focussed on are generic across the marine disciplines. In addition, techniques specific to the disciplines of Biological Sciences and Geosciences are taught. Students will be expected to participate in a hands-on way, undertaking small project-based data collection exercises during the field school. These data will provide resources for the practical/seminar part of the course undertaken during semester.

**Practical:** The practical classes are intended to familiarise the student with data processing techniques and the seminars are intended to draw the connection between fieldwork and dioretical issues discussed in the Introductory Marine Science units.

**MARS 2004 Marine Techniques**

4 credit points. **Semester:** 2. **Classes:** Prac 3 hrs/wk, two 2-day field excursions. **Prerequisite:** 48 credit points of units of study from Junior Science Subject Areas and MARS 2003. **Corequisite:** MARS 2002. **Assessment:** Participation in the field excursions and practicals, assignments.

Marine scientists are involved in the study of the largest and most diverse and dynamic environment on the planet. A multidisciplinary approach is required to investigate the complex physical, biological and chemical interactions that compose this environment. This course will build on MARS 2003, and systematically introduce students to a range of field and laboratory techniques used in the acquisition and analysis of marine biological and marine geoscience data. During the course students will collect data in the field, undertake laboratory analysis, and input the results into spreadsheet/databases, and finally prepare and present a final report on their findings. Field techniques will include vibrocoring, surveying, dredging, and biomass sampling, laboratory techniques will include core, sediment and water quality analysis, as well as computer drafting, spreadsheet, database and report preparation, with an oral presentation of the results.

**Practical:** The practical classes are intended to familiarise the student with data processing techniques and the seminars are intended to draw the connection between field work and the dioretical issues discussed in the Introductory Marine Science Course.

**MARS 3001 Marine Science A**

12 credit points. **Semester:** 1. **Classes:** See options. **Prerequisite:** MARS 2001 and MARS 2002. There are additional prerequisites for some options, see options entries. **Assessment:** See individual options.

The lectures will be presented in options (each option runs for a half-semester and comprises 18 lectures, plus up to 6 hr practicals per week, and excursions, with the number of practical hours and length of excursions varying between options).

- Students must take two options one from each half semester (ie, February Semester weeks 1-6 and February Semester weeks 7-13).
- Note students taking MARS 3001 and MARS 3002 cannot take more than three options from the same discipline streams (ie, A: Geography, B: Geology/Geophysics or C: Biology)

*Semester 1 (weeks 1-6)*

MS 1 Coastal Depositional Environment (stream A)  
MS 3 Marine Geophysical Data Analysis (stream B)  
MS 5 Ecophysiology (stream C)

*Semester 1 (weeks 7-13)*

MS 2 Coastal Morphodynamics (stream A)

MS 4 Dynamics of Ocean Basins and Margins (stream B)

MS 6 Marine Biology (stream C)

**MARS 3002 Marine Science B**

12 credit points. **Semester:** 2. **Classes:** See individual options.

**Prerequisite:** MARS 2001 and MARS 2002. There are additional prerequisites for some options, see option entries. **Assessment:** See individual options.

The lectures will be presented in options (each option runs for a half-semester and comprises 18 hr lectures, plus up to 6 hr practicals per week, and excursions, with the number of practical hours and length of excursions varying between options).

- Students must take two options one from each half semester (ie, Semester 2 weeks 1-6 and Semester 2 weeks 7-13).
- Note students taking MARS 3001 and MARS 3002 cannot take more than three options from the same discipline streams (ie, A: Geography, B: Geology or C Biology)

*Semester 2 (weeks 1-6)*

MS 8 Geographical Information Systems (stream A)

MS 9 Physical Sedimentology: Shallow Marine

Environments (stream B)

MS 11/12 Marine Ecology (stream C)

*Semester 2 (weeks 7-13)*

MS 7 Coastal Zone Management (stream A)

MS 10 The Physical Marine Habitat (stream B)

MS 11/12 Marine Ecology (stream C)

**MARS 3101 Marine Science C**

12 credit points. **Semester:** 1. **Classes:** See options. **Prerequisite:** MARS 2001 and 2002 and 2003 and 2004. There are additional prerequisites for some options, see options entries. **Assessment:** See individual options.

The lectures will be presented in options (each option runs for a half-semester and comprises 18 lectures, plus up to 6 hr practicals per week, and excursions, with the number of practical hours and length of excursions varying between options). Options taken in MARS 3001 cannot be taken in MARS 3101.

- Students must take two options one from each half semester (ie, Semester 1 weeks 1-6 and Semester 1 weeks 7-13).
- Note students taking MARS 3001 and MARS 3002 cannot take more than three options from the same discipline streams (ie, A: Geography, B: Geology/Geophysics or C: Biology)

*Semester 1 (weeks 1-6)*

MS 1 Coastal Depositional Environment (stream A)

MS 3 Marine Geophysical Data Analysis (stream B)

MS 5 Ecophysiology (stream C)

*Semester 2 (weeks 7-13)*

MS 2 Coastal Morphodynamics (stream A)

MS 4 Dynamics of Ocean Basins and Margins (stream B)

MS 6 Marine Biology (stream C)

**MARS 3102 Marine Science D**

12 credit points. **Semester:** 2. **Classes:** See individual options.

**Prerequisite:** MARS 2001 and 2002 and 2003 and 2004. There are additional prerequisites for some options, see options entries. **Assessment:** See individual options.

The lectures will be presented in options (each option runs for a half-semester and comprises 18 hr lectures, plus up to 6 hr practicals per week, and excursions, with the number of practical hours and length of excursions varying between options). Options taken in MARS 3002 cannot be taken in MARS 3102.

- Students must take two options one from each half semester (ie, Semester 2 weeks 1-6 and Semester 2 weeks 7-13).
- Note students taking MARS 3101 and MARS 3102 cannot take more than three options from the same discipline streams (ie, A: Geography, B: Geology or C Biology)

*Semester 2 (weeks 1-6)*

MS 8 Geographical Information Systems (stream A)

MS 9 Physical Sedimentology: Shallow Marine

Environments (stream B)

MS 11/12 Marine Ecology (stream C)

*Semester 2 (weeks 7-13)*

MS 7 Coastal Zone Management (stream A)

MS 10 The Physical Marine Habitat (stream B)

MS 11/12 Marine Ecology (stream C)

## ■ MATH

### MATH 1001 Differential Calculus

3 credit points. Semester: 1, Summer. Classes: 2 lec & 1 tut/wk. Assumed knowledge: HSC Mathematics Extension 1. Prohibition: May not be counted with MATH 1011 or 1901 or 1906. Assessment: One 1.5 hour examination, assignments and quizzes.

MATH 1001 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.

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

### MATH 1002 Linear Algebra

3 credit points. Semester: 1, Summer. Classes: 2 lec & 1 tut/wk. Assumed knowledge: HSC Mathematics Extension 1. Prohibition: May not be counted with MATH 1902 or 1012. Assessment: One 1.5 hour examination, assignments and quizzes.

MATH 1002 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 matrices, determinants, eigenvalues and eigenvectors.

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

### MATH 1003 Integral Calculus and Modelling

3 credit points. Semester: 2, Summer. Classes: 2 lec & 1 tut/wk. Assumed knowledge: HSC Mathematics Extension 2 or MATH 1001. Prohibition: May not be counted with MATH 1013 or 1903 or 1907. Assessment: One 1.5 hour examination, assignments and quizzes.

MATH 1003 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 forms 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.

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

### MATH 1004 Discrete Mathematics

3 credit points. Semester: 2, Summer. Classes: 2 lec & 1 tut/wk. Assumed knowledge: HSC Mathematics Extension 1. Prohibition: May not be counted with MATH 1904. Assessment: One 1.5 hour examination, assignments and quizzes.

MATH 1004 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 requirements 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.

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

### MATH 1005 Statistics

3 credit points. Semester: 2, Summer. Classes: 2 lec & 1 tut/wk. Assumed knowledge: HSC Mathematics. Prohibition: May not be counted with MATH 1905 or 1015 or ECMT1010 or 1020 or STAT 1021 or 1022. Assessment: One 1.5 hour examination, assignments and quizzes.

MATH 1005 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.

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

### MATH 1011 Life Sciences Calculus

3 credit points. Semester: 1. Classes: 2 lec & 1 tut/wk. Assumed knowledge: HSC Mathematics. Prohibition: May not be counted with MATH 1001 or 1901 or 1906. May not be counted by students enrolled in the BSc/BCom combined award course. Assessment: One 1.5 hour examination, assignments and quizzes.

MATH 1011 is designed to provide calculus for students of the life sciences who do not intend to undertake higher year mathematics and statistics.

This unit of study looks at the fitting of data to various functions, introduces finite difference methods, 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.

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

### MATH 1012 Life Sciences Algebra

3 credit points. Semester: 2. Classes: 2 lec & 1 tut/wk. Assumed knowledge: HSC Mathematics. Prohibition: May not be counted with MATH 1002 or 1902. May not be counted by students enrolled in the BSc/BCom combined award course. Assessment: One 1.5 hour examination, assignments and quizzes.

MATH 1012 is designed to provide algebra for students of the life sciences who do not intend to undertake higher year mathematics and statistics.

This unit of study introduces matrices, systems of linear equations and linear programming and counting techniques.

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

### MATH 1013 Differential and Difference Equations

3 credit points. Semester: 2. Classes: 2 lec & 1 tut/wk. Assumed knowledge: HSC Mathematics. Prohibition: May not be counted with MATH 1003 or 1903 or 1907. May not be counted by students enrolled in the BSc/BCom combined award course. Assessment: One 1.5 hour examination, assignments and quizzes.

MATH 1013 is designed to provide the theory of difference and differential equations for students of the life sciences 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.

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

### MATH 1015 Life Science Statistics

3 credit points. Semester: 1, Summer. Classes: 2 lec & 1 tut/wk. Assumed knowledge: HSC Mathematics. Prohibition: May not be counted with MATH 1905 or 1005 or STAT 1021 or 1022. May not be counted by students enrolled in the BSc/BCom combined award course. Assessment: One 1.5 hour examination, assignments and quizzes.

MATH 1015 is designed to provide a thorough preparation in statistics for students of the Life [Sciences.lit](http://www.sciences.lit.edu.au) offers a comprehensive first 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

**MATH 1901 Differential Calculus (Advanced)**

3 credit points. Semester: 1. **Classes:** 2 lec & 1 tut/wk. **Assumed knowledge:** HSC Mathematics Extension 2 or result in Band E4 of HSC Mathematics Extension 1. **Prohibition:** May not be counted with MATH 1011 or 1001 or 1906. **Assessment:** One 1.5 hour examination, assignments and quizzes.

MATH 1901 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 MATH 1001 but goes more deeply into the subject matter and requires more mathematical sophistication.

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

**MATH 1902 Linear Algebra (Advanced)**

3 credit points. Semester: 1. **Classes:** 2 lec & 1 tut/wk. **Assumed knowledge:** HSC Mathematics Extension 2 or result in Band E4 of HSC Mathematics Extension 1. **Prohibition:** May not be counted with MATH 1002 or 1012. **Assessment:** One 1.5 hour examination, assignments and quizzes.

MATH 1902 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 MATH 1002 but goes more deeply into the subject matter and requires more mathematical sophistication.

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

**MATH 1903 Integral Calculus and Modelling  
Advanced**

3 credit points. Semester: 2. **Classes:** 2 lec & 1 tut/wk. **Assumed knowledge:** HSC Mathematics Extension 2 or Credit or better in MATH 1001/1901. **Prohibition:** May not be counted with MATH 1003 or 1013 or 1907. **Assessment:** One 1.5 hour examination, assignments and quizzes.

MATH 1903 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 MATH 1003 but goes more deeply into the subject matter and requires more mathematical sophistication.

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

**MATH 1904 Discrete Mathematics (Advanced)**

3 credit points. Semester: 2. **Classes:** 2 lec & 1 tut/wk. **Assumed knowledge:** HSC Mathematics Extension 2 or result in Band E4 of HSC Mathematics Extension 1. **Prohibition:** May not be counted with MATH 1004. **Assessment:** One 1.5 hour examination, assignments and quizzes.

MATH 1904 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 of study parallels the normal unit MATH 1004 but goes more deeply into the subject matter and requires more mathematical sophistication.

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

**MATH 1905 Statistics (Advanced)**

3 credit points. Semester: 2. **Classes:** 2 lec & 1 tut/wk. **Assumed knowledge:** HSC Mathematics Extension 2 or result in Band E2 or better of HSC Mathematics Extension 1. **Prohibition:** May not be counted with MATH 1005 or 1015 or ECMT1010 or 1020 or STAT 1021 or 1022. **Assessment:** One 1.5 hour examination, assignments and quizzes.

MATH 1905 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 MATH 1005 but goes more deeply into the subject matter and requires more mathematical sophistication.

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

**MATH 1906 Mathematics (Special Studies Program) A**

3 credit points. Semester: 1. **Classes:** 2 lec, 1 sem, 1 tut/wk. **Prerequisite:** UAI of at least 98.5 and result in Band E4 HSC Mathematics Extension 2; by invitation. **Prohibition:** May not be counted with MATH 1001 or 1011 or 1901. **Assessment:** One 1.5hr exam, assignments, classwork.

*NB: 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 MATH 1901 Differential Calculus (Advanced). In addition there will be a selection of special topics, which are not available elsewhere in the Mathematics and Statistics program.

There are comprehensive details of this unit of study in the Junior mathematics Handbook distributed at the time of enrolment.

**MATH 1907 Mathematics (Special Studies Program) B**

3 credit points. Semester: 2. **Classes:** 2 lec, 1 sem & 1 tut/wk. **Prerequisite:** Distinction in MATH 1906; by invitation. **Prohibition:** May not be counted with MATH 1003 or 1013 or 1903. **Assessment:** One 1.5hr exam, assignments, classwork.

*NB: 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 MATH 1906. Students will cover the material in MATH 1903 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.

There are comprehensive details of this unit of study in the Junior mathematics Handbook distributed at the time of enrolment.

**MATH 2001 Vector Calculus and Complex Variables**

4 credit points. Semester: 1, Summer. **Classes:** 3 lec & 1 tut/wk. **Prerequisite:** MATH (1001 or 1901 or 1906) and (1002 or 1902) and (1003 or 1903 or 1907). **Prohibition:** May not be counted with MATH 2901. **Assessment:** One 2hr exam, assignments, tutorial participation, tutorial quizzes.

This unit of study has two major components: firstly, a study of functions of several real variables from a vector point of view, and secondly an introduction to functions of a complex variable. Vector calculus topics include line integrals and multiple integrals, surface integrals, change of variables, theorems of Green, Gauss and Stokes with their physical significance. Complex variables topics include definitions and properties of complex functions, differentiability, Cauchy Riemann conditions and analyticity, contour integration and residues.

**MATH 2002 Matrix Applications**

4 credit points. Semester: 1, Summer. **Classes:** 2 lec, 1 tut & 1 computer lab/wk. **Prerequisite:** MATH 1002 or 1902 or Distinction in MATH 1012. **Prohibition:** May not be counted with MATH 2902. **Assessment:** One 2hr exam, assignments, tutorial participation, tutorial quizzes.



This unit of study covers systems of linear equations, vector spaces and eigenspaces. In linear equations the topics include existence of solutions, uniqueness, numerical solution, scaled partial pivoting, and residual correction. In vector spaces the topics include subspaces, linear combinations, spanning set, linear dependence, basis, dimension, Lagrange polynomials, linear transformations, kernel, image space, and rank. In eigenspaces the topics include characteristic equation, computation of eigenspaces, similar matrices, diagonalisation, difference equations, coupled differential equations, iterative solution of  $AX=B$ .

#### MATH 2003 Introduction to Mathematical Computing

4 credit points. **Semester:** 1. **Classes:** 2 lec & 2 computer lab/wk. **Prerequisite:** MATH (1001 or 1901 or 1906) and (1002 or 1902) and (1003 or 1903 or 1907). **Prohibition:** May not be counted with MATH 2903. **Assessment:** One 2hr exam, assignments, quizzes, computer lab participation.

This unit of study consists of two segments, one devoted to computer simulation and modelling and the other to applied computer algebra. In the first, mathematical models will be set up for a range of problems, such as the minimisation of factory pollutants, determination of drug regimes for a diabetic, the modelling of stars, biological patterns and chaos. Students will use computer simulations to explore solutions. The emphasis will be on modelling, rather than programming. The second segment gives hands-on experience with a computer algebra program. Students work through a set of interactive lessons showing them the potential of such programs. Students are required to write programs to solve applied mathematical problems that would be intractable if attempted solely by pen and paper.

#### MATH 2004 Lagrangian Dynamics

4 credit points. **Semester:** 2. **Classes:** 2 lec, 1 prac & 1 tut/wk. **Prerequisite:** MATH 2001 or 2901. **Prohibition:** May not be counted with MATH 2904. **Assessment:** 2hr exam, assignments.

This unit of study provides a first course in dynamics from a higher standpoint. It demonstrates that Newton's laws of motion can be derived from a variational principle. The advantage offered by the Lagrangian formulation in solving for the motion is emphasised. The applications, which include planetary dynamics, illustrate the basic concepts of Newtonian dynamics such as conservation laws. Small oscillations about equilibrium states are treated as part of linear stability theory.

#### MATH 2005 Fourier Series & Differential Equations

4 credit points. **Semester:** 2, Summer. **Classes:** 3 lec & 1 tut/wk. **Prerequisite:** MATH (1001 or 1901 or 1906) and MATH (1002 or 1902) and MATH (1003 or 1903 or 1907). **Prohibition:** May not be counted with MATH 2905. **Assessment:** One 2hr exam, assignments, quizzes.

In the Fourier Series segment, periodic phenomena such as wave motion are given a systematic treatment. The basic problem is to represent a periodic function of one variable as the sum of an infinite series of sines and cosines. The theory has extensive applications in engineering, acoustics, internal and surface waves in fluids, etc., as well as in pure mathematics. Then a review of first order equations is followed by a systematic treatment of second order equations using the methods of variation of parameters, undetermined coefficients and the theory of Laplace Transforms. Linear systems of differential equations are treated using matrices and vectors. The final part of the unit of study deals with partial differential equations with the emphasis on the application of the method of separation of variables to first and second order linear equations and on Laplace transforms for initial value problems.

#### MATH 2006 Nonlinear Systems and Chaos Introduction

4 credit points. **Semester:** 2. **Classes:** 2 lec, 1 tut & 1 computer lab/wk. **Prerequisite:** MATH (1001 or 1901 or 1906) and (1002 or 1902) and (1003 or 1903 or 1907) or (Credit in MATH 1011 and 1012 and 1013). **Prohibition:** May not be counted with MATH 2906. **Assessment:** 2hr exam, assignments, computer lab participation.

This unit of study aims to provide an introduction to the simplest cases of nonlinear dynamics and chaos and their use in modelling systems in a variety of applications taken from chemistry, biology, physiology and economics. Topics covered include first order finite difference equations, bifurcations, chaos, fractals, phase portrait analysis of one and two dimensional differential equations, fixed points, analysis of stability. The computer labs use the Mathematica software package.

#### MATH 2007 Analysis

4 credit points. **Semester:** 2. **Classes:** 3 lec & 1 tut/wk. **Prerequisite:** MATH (1001 or 1901 or 1906) and (1003 or 1903 or 1907) or Distinction average in MATH 1011 and 1013. **Prohibition:** May not be counted with MATH 2907. **Assessment:** One 2hr exam, assignments.

This unit of study is concerned with sequences and series. Topics include the definition of the limit of a sequence, the principle of monotonic convergence, elementary limit theorems, convergence of an infinite series, the comparison and integral tests; absolute convergence, the ratio test and Taylor Series. The last part is devoted to series of complex terms, dealing with power series and radius of convergence.

#### MATH 2008 Introduction to Modern Algebra

4 credit points. **Semester:** 2. **Classes:** 2 lec, 1 tut & 1 computer lab/wk. **Prerequisite:** MATH 2002 or 2902. **Prohibition:** May not be counted with MATH 2908 or 2918. **Assessment:** One 2hr exam, assignments.

The major topics in this unit of study are inner product spaces and groups. First, it treats the geometric and algebraic properties of inner product spaces and then the geometrical and combinatorial background to groups. Topics covered include the definitions and elementary properties of groups, subgroups, direct products, the permutation, symmetric and cyclic groups, isomorphisms and homomorphisms, cosets, Lagrange's theorem, conjugate elements, rotations and reflections in the plane, and symmetries of an n-gon.

#### MATH 2009 Graph Theory

4 credit points. **Semester:** 1, Summer. **Classes:** 3 lec & 1 tut/wk. **Prerequisite:** 6 credit points of Junior Mathematics (at the Distinction level in Life Sciences units). **Assessment:** One 2hr exam, assignments, quizzes.

Graph theory is a branch of discrete mathematics with important applications in almost every branch of science, and particularly in computer science and engineering. (In graph theory, a graph is a set of points and a set of edges - not the graph of a function.)

Topics covered include: Eulerian graphs, Hamiltonian graphs, trees, shortest paths, planar graphs, colouring of graphs and maps, transport networks, activity networks, matching theory, digraphs.

Many applications are considered, and some famous graph theory problems discussed.

#### MATH 2010 Optimisation

4 credit points. **Semester:** 2. **Classes:** 3 lec & 1 tut/wk. **Prerequisite:** MATH (1001 or 1901 or 1906) and (1002 or 1902). **Prohibition:** May not be counted with Econometrics 3510 Operations Research A. **Assessment:** One 2hr exam, assignments.

This unit of study looks at practical optimisation problems. Theory developed in lectures will be complemented by workstation laboratory sessions using Matlab. Minimal computing experience will be required. Topics will be chosen from linear programming and the simplex algorithm, transportation problems, constrained and unconstrained minimisation of functions, search methods, dynamical programming, least-squares and singular-value decomposition.

#### MATH 2033 Financial Mathematics 1

4 credit points. **Semester:** 1. **Classes:** 2 lec, 1 tut & 0.5 comp lab/wk. **Prerequisite:** MATH (1001 or 1901 or 1906) and MATH (1002 or 1902) and MATH (1003 or 1903 or 1907) and MATH (1005 or 1905). **Prohibition:** May not be counted with MATH 2933. **Assessment:** 2hr exam, quizzes, assignment, computer project.

This unit of study is an introduction to financial mathematics with the main emphasis being on mathematical and statistical techniques used to solve problems of relevance to the finance industry. Topics covered include: riskless interest rate models, present and future value factors, arbitrage, solution of general cash-flow problems in both discrete and continuous time, analysis of bonds, simple optimisation problems in finance, modelling of risky assets, expectations hypothesis, utility theory, state space security price modelling, introduction to options. Mathematical techniques include: solving difference and differential equations, advanced integration and summation techniques, linear and dynamic programming, method of Lagrange multipliers, calculation of distributions and expectations of random variables, linear algebra methods, analysis of simple random walks.

#### MATH 2901 Vector Calculus and Complex Var (Adv)

4 credit points. **Semester:** 1. **Classes:** 3 lec & 1 tut/wk. **Prerequisite:** MATH (1901 or 1906 or Credit in 1001) and (1902 or Credit in 1002) and (1903 or 1907 or Credit in 1003). **Prohibition:** May not be counted with MATH 2001. **Assessment:** One 2hr exam, assignments.



This unit of study is designed to provide the basic tools needed for studying functions of two or more real variables and also an introduction to functions of one complex variable. These subjects are fundamental to many areas of Pure and Applied Mathematics, and are essential for students in Science and Engineering courses. Topics in functions of several variables include the following: local maxima and minima, Lagrange multipliers, inverse function theorem, Jacobians, double integrals, change of variables, triple integrals, line integrals, Green's theorem, surface integrals, Stokes' theorem, triple integrals, Gauss' Theorem, multiple integrals. Elementary complex variable theory includes complex line integrals, Cauchy's Theorem and Integral Formula, residues and real improper integrals.

#### MATH 2902 Linear Algebra (Advanced)

4 credit points. Semester: 1. Classes: 3 lec & 1 tut/wk. Prerequisite: 12 credit points of Junior Mathematics, including MATH 1902 or Credit in 1002. Prohibition: May not be counted with MATH 2002. Assessment: One 2hr exam, assignments, three quizzes.

This unit of study is primarily concerned with linear transformations. Abstract vector spaces are introduced as the correct context in which to discuss linear transformations, and the basic structure theorems for finite dimensional vector spaces are proved. The connections between matrices and linear transformations are investigated. Determinants, introduced in first year, are revised and investigated further. Eigenvalues and eigenvectors are discussed and their usefulness for diagonalizing linear transformations is shown. Diagonalisation techniques are applied to solve simple examples of simultaneous differential equations. A partial treatment of the Jordan normal form may be included if time allows.

#### MATH 2903 Intro to Mathematical Computing (Adv)

4 credit points. Semester: 1. Classes: 2 lec & 2 computer lab/wk. Prerequisite: MATH (1901 or 1906 or Credit in 1001) and (1902 or Credit in 1002) and (1903 or 1907 or Credit in 1003). Prohibition: May not be counted with MATH 2003. Assessment: One 2hr exam, assignments, quizzes, computer lab participation. The content of this unit of study parallels that of MATH 2003.

#### MATH 2904 Lagrangian Dynamics (Advanced)

4 credit points. Semester: 2. Classes: 3 lec & 1 tut/wk. Prerequisite: MATH 2901 or Credit in MATH 2001. Prohibition: May not be counted with MATH 2004. Assessment: One 2hr exam, assignments, project. The content of this unit of study parallels that of MATH 2004.

#### MATH 2905 Mathematical Methods (Advanced)

4 credit points. Semester: 2. Classes: 3 lec & 1 tut/wk. Prerequisite: MATH 2901 or Credit in MATH 2001. Prohibition: May not be counted with MATH 2005. Assessment: One 2hr exam, assignments. This unit of study is essentially an advanced version of MATH 2005, the emphasis being on solutions of differential equations in Applied Mathematics. The theory of ordinary differential equations is developed for second order linear, including series solutions, special functions and Laplace transforms. Some use is made of computer programs such as Mathematica. Methods for partial differential equations and boundary-value problems include separation of variables, Fourier series and transforms.

#### MATH 2906 Nonlinear Systems and Chaos (Advanced)

4 credit points. Semester: 2. Classes: 2 lec, 1 tut & 1 computer lab/wk. Prerequisite: MATH (1901 or 1906 or Credit in 1001) and (1902 or Credit in 1002) and (1903 or 1907 or Credit in 1003). Prohibition: May not be counted with MATH 2006. Assessment: 2hr exam, assignments, computer lab participation. The content of this unit of study parallels that of MATH 2006.

#### MATH 2907 Analysis (Advanced)

4 credit points. Semester: 2. Classes: 3 lec & 1 tut/wk. Prerequisite: MATH (1901 or 1906 or Credit in 1001) and (1903 or 1907 or Credit in 1003) (MATH 2901 or 2001 strongly advised). Prohibition: May not be counted with MATH 2007. Assessment: One 2hr exam, assignments. The aim of the unit of study is to provide a solid grounding to the general theory of infinite processes. We study in a concrete way the limiting behaviour of sequences, series and functions via interesting and enduring examples from classical analysis. This background is essential to understanding the more abstract theories which are studied in third year and beyond, and their myriad of applications in Science, Engineering, Statistics and Economics. Topics will include convergence of sequences and series, power series of real and complex variables, uniform convergence of sequences and series of functions, and Fourier series with applications.

#### MATH 2918 Introduction to Modern Algebra (Adv)

4 credit points. Semester: 2. Classes: 3 lec & 1 tut/wk. Prerequisite: MATH 2902. Prohibition: May not be counted with MATH 2008 or 2908. Assessment: One 2hr exam, assignments & quizzes.

This unit provides an introduction to modern abstract algebra, via linear algebra and group theory. It starts with a revision of linear algebra concepts from junior mathematics and MATH 2902, and proceeds with a detailed investigation of inner product spaces over the real and complex fields. Applications here include least squares lines and curves of best fit, and approximation of continuous functions by finite Fourier series.

The major part of the unit is concerned with introductory group theory, motivated by examples of matrix groups and permutation groups. Topics include actions of groups on sets, including linear actions on vector spaces. Subgroups, homomorphisms and quotient groups are investigated, and the First Isomorphism Theorem is proved.

#### MATH 2933 Financial Mathematics 1 (Advanced)

4 credit points. Semester: 1. Classes: 2 lec, 1 tut & 0.5 comp lab/wk. Prerequisite: MATH (1901 or 1906 or credit in 1001) and MATH (1902 or credit in 1002) and MATH (1903 or 1907 or credit in 1003) and MATH (1905 or credit in 1005). Prohibition: May not be counted with MATH 2033. Assessment: 2hr exam, quizzes, assignment, computer project. The content of this unit of study parallels that of MATH 2033, but students will be required to undertake all problem solving and assessment tasks at a more advanced level. Some additional topics may also be included.

#### MATH 3001 Topology

4 credit points. Semester: 1. Classes: 2 lec & 1 tut/wk. Prerequisite: 8 credit points of Intermediate Mathematics. Prohibition: May not be counted with MATH 3901. Assessment: One 2hr exam, assignments. Topology can be considered as a branch of geometry, and it has been called 'rubber sheet geometry', because it originated in the study of figures which are invariant under elastic deformations. It now forms a basic framework for fields such as functional analysis and nonlinear differential equations.

This unit of study covers a number of the more elementary aspects of both general and combinatorial topology. Topics discussed include continuous mappings and homeomorphisms, compactness, and the combinatorial classification of surfaces.

#### MATH 3002 Rings and Fields

4 credit points. Semester: 1. Classes: 2 lec & 1 tut/wk. Prerequisite: 8 credit points of Intermediate Mathematics (strongly advise MATH 2002 or 2902, with 2008 or 2908). Prohibition: May not be counted with MATH 3902. Assessment: One 2hr exam, assignments. This unit of study is concerned primarily with the algebraic systems such as rings and fields, which are generalizations of familiar examples such as polynomials and real numbers. It generalizes familiar notions of divisibility, greatest common divisors and primality from the integers to other rings, and considers homomorphisms and quotient structures.

#### MATH 3003 Ordinary Differential Equations

4 credit points. Semester: 1. Classes: 2 lec & 1 tut/wk. Prerequisite: 8 credit points of Intermediate Mathematics (strongly advise MATH 2002 or 2902, with 2001 or 2901). Assessment: One 2hr exam, assignments. 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 be not 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.

#### MATH 3004 History of Mathematical Ideas

4 credit points. Semester: 1. Classes: 2 lec & 1 tut/wk. Prerequisite: 8 credit points of Intermediate Mathematics. Assessment: One 2hr exam, 2500w essay, tut presentation.

This unit of study looks at the evolution of some basic mathematical concepts: one of the goals is a better understanding of mathematics itself. The main theme is the development of the ideas underlying the calculus from Newton to Hausdorff, over the period 1650 to 1914: the work of Newton, Leibniz, Euler, Lagrange, Cauchy and Weierstrass is discussed in some detail. Independent research is an important part of the work of the unit: more than half of the assessment comes from the essay and the tutorial paper which each student must complete.

**MATH 3005 Logic**

4 credit points. **Semester:** 1. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** (for all but BCST students) 8 credit points of Intermediate Mathematics; (for BCST students) 8 credit points of Intermediate Mathematics or 12 credit points of Junior Mathematics at Advanced level. **Assessment:** One 2hr exam, assignments.

This unit of study is mainly concerned with a general notion of computability, studied by means of Turing machines (simple abstract computers). In particular, it looks at some problems which cannot be solved by any computer. (Note: no experience with computing is required.) In the second part of the unit of study, the results from the first part are applied to mathematics itself. The conclusion is that there is no systematic way of discovering all mathematical truths.

**MATH 3006 Geometry**

4 credit points. **Semester:** 2. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics (strongly advise MATH 1902 or 1002). **Assessment:** One 2hr exam, assignments.

Over the last 100 years or so, transformations have come to play an increasingly important role in geometry. In this unit of study, various groups of transformations are studied in some detail. Isometries, affine transformations, projective transformations, and the famous frieze groups are all discussed. The basic approach is via vectors (and matrices), emphasizing the interplay between geometry and linear algebra. Each provides insight into the other. The underlying theme of the unit is the classification of transformation groups in both Euclidean and projective planes.

**MATH 3007 Coding Theory**

4 credit points. **Semester:** 2. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics (strongly advise MATH 2002 or 2902). **Assessment:** One 2hr exam, assignments.

This unit of study provides a general introduction to the theory of error-correcting codes. After studying general error correcting block codes, with the aim of constructing efficient codes which can be practically implemented, it leads to the study of cyclic codes which are a special case of linear codes, with nice algebraic properties. This unit of study concludes with the construction of classes of cyclic codes that are used in the modern digital communication systems, including the code used in the compact disc player to correct errors caused by dust and scratches.

**MATH 3008 Real Variables**

4 credit points. **Semester:** 2. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics (strongly advise MATH 2001 or 2007 or 2901 or 2907). **Assessment:** One 2hr exam, assignments.

The aim of this unit of study is to present some of the beautiful and practical results which continue to justify and inspire the study of analysis. The unit of study includes a review of sequence, series, power series and Fourier series. It introduces the notions of asymptotic and uniform convergence. Among topics studied are the Bernoulli numbers, Bernoulli polynomials, the Euler-Maclaurin summation formula, the Riemann zeta function and Stirling's approximation for factorials.

**MATH 3009 Number Theory**

4 credit points. **Semester:** 2. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics. **Assessment:** One 2hr exam, assignments.

This unit of study is an introduction to elementary number theory, with an emphasis on the solution of Diophantine equations (that is, finding integer solutions to such equations as  $x^2 + y^2 = z^2$ ,  $x^2 - 21y^2 = 1$ ). Three main tools are developed: (i) the theory of divisibility and congruence (up to quadratic reciprocity), (ii) geometric methods, and (iii) rational approximation (continued fractions).

**MATH 3010 Information Theory**

4 credit points. **Semester:** 2. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics (strongly advise MATH 2001 or 2901 and some probability theory). **Assessment:** One 2hr exam, assignments.

This unit of study is a general introduction to the ideas and applications of information theory. The basic concept here is that of entropy, an idea which goes back more than a century to the work of Boltzmann. Interest in the concept was enormously increased by the work of Shannon in the late 1940's. He showed that entropy was a basic property of any (discrete) probability space, and established a fundamental relation between the entropy of a randomly varying signal and the maximum rate at which the signal could be transmitted through a communication line. Another interpretation of entropy is in terms of the financial value of information to a gambler. The unit of study covers

applications in both areas; topics studied include data compression, gambling strategies and investment portfolios.

**MATH 3015 Financial Mathematics 2**

4 credit points. **Semester:** 2. **Classes:** 2 lec, 1 tut & 1 lab/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics including MATH 2033 or 2933 (and strongly advise MATH 2010 and STAT (2001 or 2901)). **Prohibition:** May not be counted with MATH 3933. **Assessment:** One 2hr exam, quizzes, assignment, computer project.

This unit is a follow-on from the Intermediate unit MATH 2033 (Financial Mathematics 1). The first part deals with modern portfolio theory, the second part with options and derivative securities. Topics covered include: mean-variance Markowitz portfolio theory, the Capital Asset Pricing Model, Arbitrage Pricing Theory, log-optimal portfolios and the Kelly criterion; calls and puts, profit-loss profiles for option strategies, arbitrage from mispricing, binomial random walk and the CRR-option pricing model, risk-neutrality, limit to the continuous time Black-Scholes model, sensitivity analysis, introduction to exotic options and derivative securities. Mathematical and statistical methods required: theory of quadratic programming, Lagrange parameters and Kuhn-Tucker theory, linear factor models in a statistical setting, advance probability theory including distributions and expectations, introduction to random walks and stochastic processes.

**MATH 3016 Mathematical Computing I**

4 credit points. **Semester:** 1. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics and one of MATH 1001 or 1003 or 1901 or 1903 or 1906 or 1907. **Prohibition:** May not be counted with MATH 3916. **Assessment:** One 2hr exam, assignments.

This unit of study provides an introductory unit of study on Fortran 95 programming and numerical methods. Topics covered include computer arithmetic and computational errors, systems of linear equations, interpolation, solution of nonlinear equations, numerical quadrature and initial value problems for ordinary differential equations.

**MATH 3018 Partial Differential Equations and Waves**

4 credit points. **Semester:** 1. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** MATH (2001 or 2901) and MATH (2005 or 2905). **Prohibition:** May not be counted with MATH 3921. **Assessment:** One 2hr exam, assignments. After a review of ordinary differential equations this unit of study covers Sturm-Liouville eigenvalue problems and demonstrates their role in solving PDE's. The standard equations of mathematical physics, the wave equation, the diffusion (heat) equation and Laplace's equation, are treated, together with various applications.

**MATH 3019 Signal Processing**

4 credit points. **Semester:** 1. **Classes:** 2 lec, 1 tut & 1 lab/wk. **Prerequisite:** MATH (2001 or 2901) and MATH (2005 or 2905). **Prohibition:** May not be counted with MATH 3919. **Assessment:** One 2hr exam, assignments, computer project.

This unit of study is an introduction to the mathematical theory of Digital Signal Processing. It consists of both theory and application. A significant component of the unit of study involves computer exercises using MATLAB. Topics treated include analogue and digital signals, transforms, the spectral theory of digit signal and wavelets. Applications include sampling and aliasing, filter design and the basics of image processing.

**MATH 3020 Nonlinear Systems and Biomathematics**

4 credit points. **Semester:** 2. **Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics (strongly advise MATH 2006 or 2906 or 2908 or 3003) and one of MATH 1001 or 1003 or 1901 or 1903. **Prohibition:** May not be counted with MATH 3920. **Assessment:** One 2hr exam, assignments.

This unit of study is concerned with nonlinear ordinary and partial differential equations applied to biological systems. The applications will be drawn from predator-prey systems, transmission of diseases, chemical reactions, beating of the heart, neurons (nerve cells), and pattern formation. The emphasis is on qualitative analysis including phase-plane methods, bifurcation theory and the study of limit cycles. The unit of study will include some computer simulations as illustrations.

**MATH 3024 Elementary Cryptography and Protocols**

4 credit points. **Semester:** 1. **Classes:** 2 lec & 2 prac/wk. **Prerequisite:** 12 credit points of Intermediate Mathematics. Strongly advise MATH 2008 or 2908. **Assessment:** One 2hr exam plus assignments. Cryptography is the branch of mathematics that provides the techniques which enable confidential information to be transmitted over public networks. This unit introduces the student to cryptography, with an emphasis on the cryptographic

primitives that are in most common use today. Following a review of classical cryptosystems, modern symmetric cryptosystems (chiefly DES) and non-symmetric cryptosystems (chiefly RS A) will be studied. In the second part of the unit, these cryptographic primitives will be used to construct protocols for realising digital signatures, data integrity, identification, authentication and key distribution. An important feature of the course will be weekly exercises in practical cryptography using the Computer Algebra system Magma.

#### MATH 3901 Metric Spaces (Advanced)

4 credit points. **Semester: 1. Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 12 credit points of Intermediate Mathematics (strongly advise MATH 2907). **Prohibition:** May not be counted with MATH 3001. **Assessment:** One 2hr exam, assignments.

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.

#### MATH 3902 Algebra I (Advanced)

4 credit points. **Semester: 1. Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 12 credit points of Intermediate Mathematics (strongly advise MATH 2902). **Prohibition:** May not be counted with MATH 3002. **Assessment:** One 2hr exam, assignments.

In this unit the tools of modern algebra are developed as an introduction to Galois Theory, which deals with the solution of polynomial equations in one variable. The same tools provide an analysis of the classical problem of determining whether certain geometrical constructions, such as the trisection of a given angle, can be performed using only ruler and compasses. The unit begins with the definitions and basic properties of rings, homomorphisms and ideals, continues with an investigation of factorization in principal ideal domains such as the Gaussian integers and the ring of polynomials over a field, and concludes with a study of algebraic field extensions and their automorphisms.

#### MATH 3903 Differential Geometry (Advanced)

4 credit points. **Semester: 1. Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 12 credit points of Intermediate Mathematics (strongly advise MATH 2001 or 2901, with MATH 3001 or 3901). **Assessment:** One 2hr exam, assignments.

Differential Geometry is an important branch of mathematics in which one uses Calculus to study geometric objects, such as curves, surfaces and higher-dimensional objects. It also has close connections with classical and modern physics. This unit of study covers elementary properties of curves and surfaces in  $R^3$ , following Do Carmo's book, leading to the celebrated Gauss-Bonnet Theorem. If time allows, either the language of differential forms will be introduced or some global theory of differential geometry will be developed.

#### MATH 3904 Complex Variable (Advanced)

4 credit points. **Semester: 1. Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 12 credit points of Intermediate Mathematics (strongly advise MATH 2001 or 2901, with MATH 3001 or 3901). **Assessment:** One 2hr exam, assignments.

This unit of study continues the study of functions of complex variables introduced in the Intermediate units of study (Mathematics 2001 or 2901) assuming some knowledge of algebra (for example, that covered in Mathematics 2008). It will be advantageous for students to also take either Mathematics 3901 Metric Spaces (Advanced), or Mathematics 3001 Topology if they intend to do this unit of study. The unit of study begins with a review of elementary properties of analytic functions, Cauchy's integral formula, isolated singularities and the calculus of residues. This will be followed by selected topics from the theory of uniform convergence, entire functions, gamma function, zeta function, elliptic functions, harmonic functions, conformal mappings, Riemann surfaces.

#### MATH 3905 Categories and Computer Science (Adv)

4 credit points. **Semester: 1. Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 12 credit points of Intermediate Mathematics. **Assessment:** One 2hr exam, assignments.

*NB: Permission required for enrolment. This unit of study is offered in odd years only.*

Category theory was born in the 1940's as an offshoot of algebraic topology, but since then it has become increasingly clear that it provides a rich and powerful language which can be applied to many areas both inside mathematics and beyond it. One area in which this has proved particularly fruitful is theoretical computer science. This unit of study will provide an introduction to some of the main concepts of category theory, drawing on examples from both mathematics and computer science as motivation. Topics may include: categories, functors, free categories, generators and relations, natural transformations, adjunctions, duality, group actions, imperative programs, and automata.

#### MATH 3906 Group Representation Theory (Advanced)

4 credit points. **Semester: 2. Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 12 credit points of Intermediate Mathematics (strongly advise MATH 3902). **Assessment:** One 2hr exam, assignments.

*NB: Permission required for enrolment. This unit is only offered in odd years.*

This topic is a natural extension of linear algebra combined with group theory. Groups occur naturally wherever there is symmetry of any kind; linear algebra is the fundamental tool of solving equations. Representation theory provides techniques for analysing symmetrical systems of equations. The central problem of the subject is the decomposition of a complicated representation into simple constituents. The remarkable theory of group characters, which provide the algebraic machinery for this decomposition, is the main topic of the unit of study.

#### MATH 3907 Algebra II (Advanced)

4 credit points. **Semester: 2. Classes:** 2 lec & 1 tut/wk. **Prerequisite:** MATH 3902 or Credit in MATH 3002, and 12 credit points of intermediate Mathematics. **Assessment:** One 2hr exam, assignments.

*NB: This unit of study is only offered in even years.*

This unit deals 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, analysis of the structure of finite Abelian groups, and techniques for obtaining canonical forms for matrices. Students will be assumed to be familiar with the basic concepts of ring theory.

#### MATH 3908 Nonlinear Analysis (Advanced)

4 credit points. **Semester: 2. Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 12 credit points of Intermediate Mathematics (strongly advise MATH 3901). **Assessment:** One 2hr exam, assignments.

The purpose of this unit is to give an introduction to some modern ideas in the study of nonlinear dynamical systems. We concentrate largely on one-dimensional discrete systems. The dynamics of the apparently simple systems we study turn out to be remarkably complicated. We show how seemingly elementary nonlinear maps, such as quadratic maps, give rise to fractal sets. This leads into a discussion of concepts like topological conjugacy, symbolic dynamics, chaos theory, the Sarkovskii Theorem and, in particular, bifurcations of maps. We also study how period doubling bifurcations can lead to chaos; homeomorphisms of the circle and the rotation number. We give a more general discussion of the important topic of bifurcation theory.

#### MATH 3909 Lebesgue Int and Fourier Analysis (Adv)

4 credit points. **Semester: 2. Classes:** 2 lec & 1 tut/wk. **Prerequisite:** 12 credit points of Intermediate Mathematics (strongly advise MATH 2907 and MATH 3901). **Assessment:** One 2hr exam, assignments.

Integration is a very useful tool in many areas of mathematics. Lebesgue's theory of integration is the one used in most modern analysis, providing very general conditions under which integrals are defined. The theory is based on measure theory, which is a generalisation of the ideas of area and volume. Measure theory is also the foundation of probability theory, and is important for understanding many different subjects from quantum physics to financial mathematics. In this unit, measure theory is applied to the study of Fourier series and integrals. The first part deals with measure, outer measure, construction of measure and Lebesgue measure. The second part covers measurable functions, integration theory, Fatou's lemma, dominated convergence theorem. The third part deals with product measure, convolution, Fourier transform and Fourier inversion. The additional topics expectation, Radon-Nikodym

derivative, and conditional probability may be covered, if time permits.

### MATH 3912 Combinatorics (Advanced)

4 credit points. Semester: 2. Classes: 2 lec & 1 tut/wk. Prerequisite: 12 credit points of Intermediate Mathematics (strongly advise MATH 2902). Assessment: Generally one 2hr exam, assignments.

This course is an introduction to enumerative combinatorics. It begins with a study of some of the important numbers that arise in counting: binomial and multinomial coefficients, Stirling numbers, Fibonacci numbers, etc, in particular in the context of counting functions between finite sets, where functions and sets have special properties. The main tools useful in enumeration problems, including the principle of inclusion-exclusion, generating functions, calculus of differences, are discussed. A feature of the course is a detailed account of Polya's Theory of counting classes of objects possessing some symmetry, for example isomers in chemistry, or non-isomorphic finite simple graphs.

### MATH 3914 Fluid Dynamics (Advanced)

4 credit points. Semester: 1. Classes: 2 lec & 1 tut/wk. Prerequisite: MATH (2901 or credit in 2001) and MAIH (2905 or credit in 2005). Assessment: One 2hr exam, assignments.

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 and Helmholtz's theorem. Topics covered include viscous flows, boundary layers, potential theory and 2-D airfoils, and complex variable methods. The unit of study concludes with an introduction to hydrodynamic stability and the transition to turbulent flow.

### MATH 3915 Mathematical Methods (Advanced)

4 credit points. Semester: 2. Classes: 2 lec & 1 tut/wk. Prerequisite: MAIH (2901 or 2905 or 2907 or 3921) or Credit in MAIH (2005 or 3018). Assessment: One 2hr exam, assignments.

This unit of study begins with a review of analytic functions, complex integration and power series. These techniques are applied to the evaluation of real variable integrals and summation of series. The second part is a study of some of the special functions of mathematical physics in the real and complex domains. Examples include various hypergeometric functions and their connection with certain ordinary and partial differential equations, and also elliptic functions and their connection with the simple pendulum and the spinning top. The third part introduces transforms methods, generalised functions and Green's functions with applications to boundary value problems.

### MATH 3916 Mathematical Computing I (Advanced)

4 credit points. Semester: 1. Classes: 2 lec & 1 tut/wk. Prerequisite: 8 credit points of Intermediate Mathematics and one of MATH 1903 or 1907 or Credit in MATH 1003. Prohibition: May not be counted with MATH 3016. Assessment: One 2hr exam, assignments. See entry for MATH 3016 Mathematical Computing I.

### MATH 3917 Hamiltonian Dynamics (Advanced)

4 credit points. Semester: 2. Classes: 2 lec & 1 hr tut/wk. Prerequisite: MATH 2904 or Credit in MATH 2004. Assessment: One 2hr exam, assignments.

This unit of study provides a brief recapitulation of the essential features of Lagrange's equations and of the calculus of variations before introducing the Hamiltonian and deriving Hamilton's equations from a variational principle. Canonical transformations, that is, transformations which take a Hamiltonian system into a new Hamiltonian system, then lead in a natural way to the Hamilton-Jacobi equation of mechanics, by means of which any integrable Hamiltonian system is most readily solved. The role of action angle variables in perturbation theory is described, and a brief introduction to the onset of chaos in Hamiltonian systems is given. In the last part the use of Pontriagin's principle in optimisation and control theory is discussed.

### MATH 3919 Signal Processing (Advanced)

4 credit points. Semester: 1. Classes: 2 lec, 1 tut & 1 lab/wk. Prerequisite: MATH 2905 or Credit in MATH 2005. Prohibition: May not be counted with MATH 3019. Assessment: One 2hr exam, assignments, computer project.

As for MATH 3019 but with more advanced problem solving and assessment tasks. Some additional topics may also be included.

### MATH 3920 Nonlinear Systems & Biomathematics (Adv)

4 credit points. Semester: 2. Classes: 2 lec & 1 tut/wk. Prerequisite: 8 credit points of Intermediate Mathematics (strongly advise MATH 2908 or 3003) and one of MATH 1903 and 1905 or 1903 and 1904 or Credit in MATH 1003 and 1005 or 1003 and 1004. Prohibition: May not be counted with MATH 3020. Assessment: One 2hr exam, assignments. See entry for MATH 3020 Nonlinear Systems and Biomathematics.

### MATH 3921 P D E And Waves (Advanced)

4 credit points. Semester: 1. Classes: 2 lec & 1 tut/wk. Prerequisite: MATH (2901 or credit in 2001) and (2905 or credit in 2005). Prohibition: May not be counted with MATH 3018. Assessment: One 2hr exam, assignments.

As for MATH 3018 but with more advanced problem solving and assessment tasks. Some additional topics may also be included.

### MATH 3925 Public Key Cryptography (Advanced)

4 credit points. Semester: 2. Classes: 2 lec & 2 prac/wk. Prerequisite: 12 credit points from Intermediate or senior mathematics. Strongly recommend MAIH 3902. Assessment: One 2hr exam plus assignments. Public Key Cryptography (PKC) enables two parties to communicate securely over a public communications network, without them first having to exchange a secret key. PKC provides secure communications over the Internet, over mobile phone networks and in many other situations. This course draws on ideas from algebra, number theory and geometry to provide the student with a thorough grounding in the mathematical basis of the most popular PKC's. Specifically, the unit treats PKC's based on the difficulty of integer factorization (RSA), the discrete logarithm problem in a finite field (Diffie-Hellman, ElGamal) and the discrete logarithm problem in the group of rational points of an elliptic curve over a finite field. Attacks on these cryptosystems will be treated in some depth.

### MATH 3933 Financial Mathematics 2 (Advanced)

4 credit points. Semester: 2. Classes: 2 lec, 1 lab & 1 tut/wk. Prerequisite: 8 credit points of Intermediate Mathematics including MATH 2933 or Credit in MATH 2033 (and strongly advise MATH 2010 and STAT (2001 or 2901)). Prohibition: May not be counted with MATH 3015. Assessment: One 2hr exam, quizzes, assignment, computer project. As for Math 3015 but with more advanced problem solving and assessment tasks. Some additional topics may also be included.

## ■ MBLG

### MBLG 2001 Molecular Biology and Genetics A

8 credit points. Associate Professor Whitelaw, Dr Hancock. Semester: 1. Classes: 3 lec & 5 prac/wk & voluntary tutorials. Prerequisite: 12 credit points of Junior Chemistry. Qualifying: BIOL 1001 or 1901 except for students co-enrolled in BCHM 2011, or with permission of the unit Coordinator. Prohibition: May not be counted with AGCH 2001 or BCHM 2001 or 2101 or 2901 or MBLG 2101 or 2901. Assessment: One 2hr exam, one 2hr theory of prac exam, prac tasks.

The lectures in this unit of study introduce the main principles of molecular biology and genetics - ie, the molecular basis of life. In the beginning, the students are introduced to the information macromolecules in living cells: DNA, RNA and protein. This is followed by a review of how DNA is organised into chromosomes and genes and this leads on to discussion of gene expression and replication. The unit of study then moves on to discuss how the amino acid sequence of proteins determines the diverse array of protein functions. The unit covers modern molecular biology techniques: plasmids, transposons, bacteriophage and restriction enzymes and the techniques used to manipulate genetic information; gene libraries, DNA sequencing and the polymerase chain reaction.

Practical: The practical component complements the theory component of MBLG 2001 by exposing students to experiments which investigate the regulation of gene expression, the manipulation of DNA molecules and the purification of proteins. During the unit of study, students will acquire a wide range of generic skills; including computing skills, communication and articulation skills (written and oral), criticism and dataanalysis/evaluation skills, experimental design and hypothesis testing skills. Students perform practical sessions in small groups and, therefore, problem solving and team work form an integral part of each activity. In addition to the generic skills, students will learn important laboratory/technical abilities with an emphasis on the equipment used in molecular biology and genetics research.

*Textbooks*

Garrett RH & Grisham CM. Biochemistry. Saunders 1999;

Resource Manual for MBLG 2001 Practical Sessions, Sem 1.

### MBLG 2001 Molecular Biology and Genetics A

8 credit points. Associate Professor Whitelaw, Dr Hancock. Semester: 1. Classes: 3 lec & 5 prac/wk & voluntary tutorials. Prerequisite: 12 credit points of Junior Chemistry. Qualifying: BIOL 1001 or 1901 except for students co-enrolled in BCHM 2011, or with permission of the unit Coordinator. Prohibition: May not be counted with AGCH 2001 or BCHM 2001 or 2101 or 2901 or MBLG 2101 or 2901. Assessment: One 2hr exam, one 2hr theory of prac exam, prac tasks.

The lectures in this unit of study introduce the main principles of molecular biology and genetics - ie, the molecular basis of life. In the beginning, the students are introduced to the information macromolecules in living cells: DNA, RNA and protein. This is followed by a review of how DNA is organised into chromosomes and genes and this leads on to discussion of gene expression and replication. The unit of study then moves on to discuss how the amino acid sequence of proteins determines the diverse array of protein functions. The unit covers modern molecular biology techniques: plasmids, transposons, bacteriophage and restriction enzymes and the techniques used to manipulate genetic information; gene libraries, DNA sequencing and the polymerase chain reaction.

Practical: The practical component complements the theory component of MBLG 2001 by exposing students to experiments which investigate the regulation of gene expression, the manipulation of DNA molecules and the purification of proteins. During the unit of study, students will acquire a wide range of generic skills; including computing skills, communication and articulation skills (written and oral), criticism and dataanalysis/evaluation skills, experimental design and hypothesis testing skills. Students perform practical sessions in small groups and, therefore, problem solving and team work form an integral part of each activity. In addition to the generic skills, students will learn important laboratory/technical abilities with an emphasis on the equipment used in molecular biology and genetics research.

#### Textbooks

Garrett RH & Grisham CM. Biochemistry. Saunders 1999; Resource Manual for MBLG 2001 Practical Sessions, Sem 1.

### MBLG 2002 Molecular Biology and Genetics B

8 credit points. Dr K Raphael. Semester: 2. Classes: 3 lec & 5 prac/wk. Prerequisite: MBLG 2001. Prohibition: May not be counted with BIOL 2005 or 2105 or 2905 or MBLG 2102 or 2902. Assessment: One 2 hour theory exam, one 2 hour theory of practical exam, laboratory reports, quizzes, project.

This unit of study will build on the concepts introduced in MBLG 2001 and show 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. The course begins with a discussion of classical Mendelian genetics and its extensions, including linkage, sex-linkage and gene interactions. Lectures in this section also cover statistical analysis of genetic data, crossing over, tetrad analysis, gene mapping. Eukaryotic chromosome structure and variations in chromosome number and structure are examined as well as inheritance of cytoplasmic genes and gene mutation.

Topics in bacterial genetics and evolution include transfer of genetic information between bacteria via fertility factors and plasmids, bacterial genomics, population genetics, recombinant micro-organisms and their use in vaccine production and in agriculture. The application of recombinant DNA to the production of important biologicals will be examined as well as the utility of transgenesis and gene knockouts. The study of eukaryotic genomes will begin with a comparison of classical and molecular gene mapping, and results and lessons from eukaryotic sequencing projects, including the Human Genome Project, will be examined. The way in which modern molecular techniques have increased our knowledge in the field of developmental biology will be examined by lectures on the developmental genetics of plants, animals and insects, control of gene expression, regulation of the cell cycle.

Topics in population genetics and molecular evolution include changes in gene frequency, Hardy-Weinberg equilibrium, inbreeding selection, genetic drift, molecular and gene evolution, conservation and ecological genetics, plant and animal breeding. Practical: Laboratory exercises will utilize a variety of prokaryotic and eukaryotic organisms to illustrate aspects of the lecture material, while developing familiarity and competence with practical equipment, microscopes, computers, and statistical tests.

### MBLG 2002 Molecular Biology and Genetics B

8 credit points. Dr K Raphael. Semester: 2. Classes: 3 lec & 5 prac/wk. Prerequisite: MBLG 2001. Prohibition: May not be counted with BIOL 2005 or 2105 or 2905 or MBLG 2102 or 2902. Assessment: One 2 hour theory exam, one 2 hour theory of practical exam, laboratory reports, quizzes, project.

This unit of study will build on the concepts introduced in MBLG 2001 and show 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. The course begins with a discussion of classical Mendelian genetics and its extensions, including linkage, sex-linkage and gene interactions. Lectures in this section also cover statistical analysis of genetic data, crossing over, tetrad analysis, gene mapping. Eukaryotic chromosome structure and variations in chromosome number and structure are examined as well as inheritance of cytoplasmic genes and gene mutation.

Topics in bacterial genetics and evolution include transfer of genetic information between bacteria via fertility factors and plasmids, bacterial genomics, population genetics, recombinant micro-organisms and their use in vaccine production and in agriculture. The application of recombinant DNA to the production of important biologicals will be examined as well as the utility of transgenesis and gene knockouts. The study of eukaryotic genomes will begin with a comparison of classical and molecular gene mapping, and results and lessons from eukaryotic sequencing projects, including the Human Genome Project, will be examined. The way in which modern molecular techniques have increased our knowledge in the field of developmental biology will be examined by lectures on the developmental genetics of plants, animals and insects, control of gene expression, regulation of the cell cycle.

Topics in population genetics and molecular evolution include changes in gene frequency, Hardy-Weinberg equilibrium, inbreeding selection, genetic drift, molecular and gene evolution, conservation and ecological genetics, plant and animal breeding. Practical: Laboratory exercises will utilize a variety of prokaryotic and eukaryotic organisms to illustrate aspects of the lecture material, while developing familiarity and competence with practical equipment, microscopes, computers, and statistical tests.

### MBLG 2101 Molecular Biology & Genetics A (Theory)

4 credit points. Associate Professor Whitelaw, Dr Hancock. Semester: 1. Classes: 3 lec wk. Prerequisite: 12 credit points of Junior Chemistry. Qualifying: BIOL 1001 or 1901 or by permission of the unit Coordinator. Prohibition: May not be counted with AGCH 2001 or BCHM 2001 or 2101 or 2901 or MBLG 2001 or 2901. Assessment: One 3 hr theory exam.

This unit of study is comprised of the lecture component of MBLG 2001.

#### Textbooks

Garrett RH & Grisham CM. Biochemistry. Saunders 1999.

### MBLG 2101 Molecular Biology & Genetics A (Theory)

4 credit points. Associate Professor Whitelaw, Dr Hancock. Semester: 1. Classes: 3 lec wk. Prerequisite: 12 credit points of Junior Chemistry. Qualifying: BIOL 1001 or 1901 or by permission of the unit Coordinator. Prohibition: May not be counted with AGCH 2001 or BCHM 2001 or 2101 or 2901 or MBLG 2001 or 2901. Assessment: One 3 hr theory exam.

This unit of study is comprised of the lecture component of MBLG 2001.

#### Textbooks

Garrett RH & Grisham CM. Biochemistry. Saunders 1999.

### MBLG 2102 Molecular Biology & Genetics B (Theory)

4 credit points. Dr K Raphael. Semester: 2. Classes: 3 lec & 1 tut/wk. Prerequisite: MBLG 2001 or 2101. Prohibition: May not be counted with BIOL 2005, 2105 or 2905, or MBLG 2002 or 2902. Assessment: One 2 hour theory exam, one essay.

This unit of study has the same lectures and tutorials as MBLG 2002 Molecular Biology and Genetics B, but no practical work. It does not lead on to Senior Biology units of study in genetics. It is suitable for students who wish to gain an understanding of theoretical aspects of genetics in greater depth, for applications to other areas of their career.

### MBLG 2102 Molecular Biology & Genetics B (Theory)

4 credit points. Dr K Raphael. Semester: 2. Classes: 3 lec & 1 tut/wk. Prerequisite: MBLG 2001 or 2101. Prohibition: May not be counted with BIOL 2005, 2105 or 2905, or MBLG 2002 or 2902. Assessment: One 2 hour theory exam, one essay.

This unit of study has the same lectures and tutorials as MBLG 2002 Molecular Biology and Genetics B, but no practical work.

It does not lead on to Senior Biology units of study in genetics. It is suitable for students who wish to gain an understanding of theoretical aspects of genetics in greater depth, for applications to other areas of their career.

#### **MBLG 2901 Molecular Biology and Genetics A (Adv)**

8 credit points. A/Prof Whitelaw, Dr Hancock. Semester: 1. Classes: 3 lec & 5 prac/wk. Prerequisite: 12 credit points of Junior Chemistry. Qualifying: BIOL 1001 or 1901 except for students co-enrolled in BCHM 2011. Prohibition: May not be counted with AGCH 2011 or BCHM 2001 or 2101 or 2901 or MBLG 2001 or 2101. Assessment: One 2hr exam, one 2hr theory of prac exam, continuous lab reports.

*NB: Entry requires a Distinction in one of the Qualifying or Prerequisite units of study, or permission of the unit Coordinator.* Extension of concepts taught in MBLG 2001 which will be taught in the context of practical laboratory experiments.

##### *Textbooks*

Garrett RH & Grisham CM. Biochemistry. Saunders 1999; Resource Manual for MBLG 2001 Practical Sessions, Sem 1.

#### **MBLG 2901 Molecular Biology and Genetics A (Adv)**

8 credit points. A/Prof Whitelaw, Dr Hancock. Semester: 1. Classes: 3 lec & 5 prac/wk. Prerequisite: 12 credit points of Junior Chemistry. Qualifying: BIOL 1001 or 1901 except for students co-enrolled in BCHM 2011. Prohibition: May not be counted with AGCH 2011 or BCHM 2001 or 2101 or 2901 or MBLG 2001 or 2101. Assessment: One 2hr exam, one 2hr theory of prac exam, continuous lab reports.

*NB: Entry requires a Distinction in one of the Qualifying or Prerequisite units of study, or permission of the unit Coordinator.* Extension of concepts taught in MBLG 2001 which will be taught in the context of practical laboratory experiments.

##### *Textbooks*

Garrett RH & Grisham CM. Biochemistry. Saunders 1999; Resource Manual for MBLG 2001 Practical Sessions, Sem 1.

#### **MBLG 2902 Molecular Biology and Genetics B (Adv)**

8 credit points. Dr K Raphael. Semester: 2. Classes: 3 lec & 5 prac/wk. Qualifying: Distinction or better in MBLG 2001 or 2901. This requirement may be varied and students with lower marks should consult the unit Executive Officer. Prohibition: May not be counted with BIOL 2005 or 2105 or 2905 or MBLG 2002 or 2102. Assessment: One 2 hour theory exam, one 2 hour theory of practical exam, laboratory reports, quizzes, project.

Qualified students will participate in alternative components of MBLG 2002 Molecular Biology and Genetics B. The content and nature of these components may vary from year to year. This is a core Intermediate unit of study in the BSc (Molecular Biology and Genetics) award course. See prerequisites for Senior units of study in Biology.

#### **MBLG 2902 Molecular Biology and Genetics B (Adv)**

8 credit points. Dr K Raphael. Semester: 2. Classes: 3 lec & 5 prac/wk. Qualifying: Distinction or better in MBLG 2001 or 2901. This requirement may be varied and students with lower marks should consult the unit Executive Officer. Prohibition: May not be counted with BIOL 2005 or 2105 or 2905 or MBLG 2002 or 2102. Assessment: One 2 hour theory exam, one 2 hour theory of practical exam, laboratory reports, quizzes, project.

Qualified students will participate in alternative components of MBLG 2002 Molecular Biology and Genetics B. The content and nature of these components may vary from year to year. This is a core Intermediate unit of study in the BSc (Molecular Biology and Genetics) award course. See prerequisites for Senior units of study in Biology.

## ■ MOBT

#### **MOBT 2001 Molecular Biotechnology 2A**

4 credit points. Semester: 1. Classes: 3 lec & 1 tut/wk. Prerequisite: 12 cp of Junior BIOL and 12cp of Junior CHEM. Assessment: One 3 hour theory exam, quizzes and associated tasks.

The major purpose of this unit of study is to introduce students to the concepts of modern molecular biotechnology. It assumes students will be taught Molecular Biology and Genetics through MBLG 200X. It commences with case studies of overseas and local molecular biotechnology companies, then considers the roles of intellectual property and patenting in Australia and overseas, in combination with regulatory issues. This is followed by an appreciation of the societal impact and ethics of biotechnology, implications of patent-driven research and development, issues facing start-ups, interactions with big companies, informative interactions with the public, and needs for feedback and relevance. This information is disseminated through discussion sessions and problem-based learning. It leads on to an introduction to industrial macromolecule production,

covering areas of sugar-based macromolecules in surgical treatment, engineered protein pharmaceuticals, medicinal enzymes and enzymes in food. This proceeds to considering the chemical synthesis of pharmaceuticals with specific example, including structure-activity relationships, use and modification of natural products in drug design, drugs from virus structures including anti-influenza drugs, new drug targets from genomics and cell-targeting, and bioinorganic drugs. Finally students are taken through large molecule drug discovery, screening in drug development, phage display of molecular targets, molecular diversity of peptides, synthetic peptide combinatorial libraries, molecular diversity of oligonucleotides and examples from industry.

#### **MOBT 2002 Molecular Biotechnology 2B**

4 credit points. Semester: 2. Classes: 3 lec & 1 tut/wk. Prerequisite: MOBT 2001. Assessment: One 3 hour theory exam, quizzes and associated tasks.

The major purpose of this unit of study is to build on MOBT 2001 and provide further concepts of modern molecular biotechnology. It assumes students will be taught molecular biology and genetics through MBLG 200X. 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. This is followed by an appreciation of the uses of multicellular factories, illustrated with case studies. It extends biomaterials and wound repair, covering issue diversities, connective tissue candidates, recruitment of wound repair reactions, biomimetics and composites, and the prospects of bioartificial organs. The impact of proteomics in these and related areas will be explored in terms of its interplay with genomics, organ and organismal variety, disease states, quantitative vs. qualitative profiles, database management, computer tools and proteome databases and its major interplay with bioinformatics. Finally students are taken through biosensors, where they will learn about amperometric and potentiometric sensing, optical and fluorescence detection, immobilisation of enzymes on biosensor surfaces, ion-gating or ion-channel biosensors, illustrated with examples, including glucose biosensor for diabetics. Teaching will be augmented through discussion sessions and problem-based learning.

#### **MOBT 3001 Molecular Biotechnology 3A**

6 credit points. Semester: 1. Classes: 3 lec, 2 prac & 1 tut/wk. Prerequisite: MBLG 2002 and MOBT 2002 and CHEM (2311 and 2312). Assessment: One 2hr theory exam, quizzes and associated tasks.

This Senior unit of study explores major current issues in the field and extends builds on the concepts of modern molecular biotechnology taught in MOBT 2001 and MOBT 2002. It commences with a detailed exploration of drug discovery by combinatorial chemistry and molecular diversity. This will be followed with the theory and practice of computer-assisted drug design. Genomic studies will interface with predictive concepts and then proceed to an appreciation of therapeutic design in the post-genomic era. Students are then taken through essential aspects of genome annotation and functional analysis, then in-silico directed metabolic models and testing. To gain an appreciation of key stages in developing concepts and inventions, these approaches and earlier topics are combined through examples and viewing classical development paths for molecular biotechnology products.

Main subject areas include drug discovery by combinatorial chemistry and molecular diversity; fundamentals of computer assisted drug discovery and optimisation; therapeutic design in the post-genomic era; therapeutic targets, pharmacogenomics and functional analysis; development of molecular diagnostics; and in silico-directed metabolic models and testing.

#### **MOBT 3002 Molecular Biotechnology 3B**

12 credit points. Semester: 2. Classes: 1 lec, 1 tut & 10 placement/wk. Prerequisite: MOBT 3001. Assessment: In-industry placements within the Program will be assessed by an academic staff member of the Molecular Biotechnology Program through communication with both the student and industry appointed liaison officer.

This Senior unit of study builds on knowledge gained in earlier units of modern molecular biotechnology. It emphasises the



needs for experience and preparation for invention, product design research and development, and the importance of recognising industry trends. Students are given practical experience through an industry-placement program. This will typically involve either participation on-site at locations of industry partners in association with University staff or in an industry-associated university laboratory. Lectures will address emerging areas in molecular biotechnology and business management. To maximise future opportunities, students will learn about funding, research and development models, partly through Australian and overseas case studies. Guest lecturers will contribute and help students develop an appreciation of emerging areas in molecular biotechnology.

As well as relevant practical experience gained through the industry placement, subject areas including Agricultural Biotechnology; Environmental Biotechnology including remediation strategies and green manufacturing technologies; Bioprocess Technologies (scaling-up and micro-processing); Commercial Biotechnology; management fundamentals for biotechnology-based product marketing with relevant case studies; biotechnology and society; ethics of modern biotechnology; funding, research and development models; and emerging areas in molecular biotechnology will be covered.

## ■ NETS

### NETS 2008 Computer System Organisation

4 credit points. Semester: 1. Classes: 2 lec, 2 lab/wk. Qualifying: SOFT (1001 or 1901) or COMP (1001 or 1901 or 1002 or 1902). Prohibition: May not be counted with NETS 2908 or COMP (2001 or 2901).

For most people, a computer-based system provides powerful services. This unit aims to show how the underlying hardware and software components can make this possible. It covers an overview of the main hardware components, such as CPU, memory, storage, peripherals, it also explains the functionality (not the internal details) of the main software necessary to turn a box into a working system, including the operating system, file system, window manager, command processing shell.

The unit provides hands-on experience of some aspects in the administration of a system, including writing scripts to automate repetitive tasks such as installing upgrades, monitoring logs, altering configuration information, and estimating the performance implications of possible changes.

### NETS 2009 Network Organisation

4 credit points. Semester: 2. Classes: 2 lec & 2 lab/wk. Qualifying: SOFT (1001 or 1901) or COMP (1001 or 1901 or 1002 or 1902). Prohibition: May not be counted with NETS 2909.

Computer users often take for granted the ability to access information and services from remote computers. This unit aims to show how the underlying hardware and software components can make this possible. It covers the overall structure of a network, including the hardware (LANs, WANs, bridges, switches) and the software (an overview of the OSI layered reference model; description of the functionality of protocols such as TCP/IP, PPP, SLIP, DNS, SNMP, SMTP, HTTP; and the functionality of networked file systems). It introduces the main issues for security in a network, including firewalls and viruses. The unit provides hands-on experience of some aspects in the administration of a network, including writing scripts to detect

problems and adjust configurations. There is practice in trouble-shooting from the wire-level up to the application level.

### NETS 2908 Computer System Organisation (Adv)

4 credit points. Semester: 1. Classes: 2 lec, 2 lab/wk. Qualifying: Distinction in SOFT (1001 or 1901 or 1002 or 1902) or COMP (1001 or 1901 or 1002 or 1902) or NETS (2009 or 2909). Prohibition: May not be counted with NETS 2008 or COMP (2001 or 2901). An advanced alternative to NETS 2008; covers material at an advanced and challenging level. See the description of NETS 2008 for more information.

### NETS 2909 Network Organisation (Adv)

4 credit points. Semester: 2. Classes: 2 lec & 2 lab/wk. Qualifying: Distinction in SOFT (1001 or 1901 or 1002 or 1902) or COMP (1001 or 1901 or 1002 or 1902) or NETS (2008 or 2908). Prohibition: May not be counted with NETS 2009.

An advanced alternative to NETS 2009; covers material at an advanced and challenging level. See the description of NETS 2009 for more information.

## ■ NTMP

### NTMP 3001 Coral Reef Ecosystems

6 credit points. Semester: 2. Classes: Fieldwork, 80 hours block mode. Assumed knowledge: General concepts in Biology. Prerequisite: MARS 2001 plus 16 credit points from Intermediate Science units of study. Qualifying: MARS 2003. Assessment: Report.

*NB: 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 in reef environments.

### NTMP 3002 Marine Biotechnology

6 credit points. Semester: 1. Classes: Fieldwork, 80 hours block mode. Assumed knowledge: General concepts in Biology. Prerequisite: MARS 2001 plus 16 credit points from Intermediate Science units of study. Qualifying: MARS 2003. Assessment: Assignment and report.

*NB: Permission required for enrolment.*

Marine Biotechnology is an intensive unit that will be held at the Heron Island Tropical Research Station on the Great Barrier Reef. The unit focuses on novel attributes of coral reef environments that are the basis of an expanding industry of biotechnology. Marine Biotechnology is the application of knowledge of reef-based life to improve our quality of life. Emphasis is given to the abilities of corals and other reef associated organisms (eg. Sponges) to protect themselves against the sun, repel and/or destroy non-self cells, and to immunise themselves against some diseases. Aspects covered include: collection of organisms; field experiments; and, molecular and genetic techniques to separate and identify 'useful proteins'.

### NTMP 3003 Fisheries Biology and Management

6 credit points. Semester: 2. Classes: Fieldwork, 80 hours block mode. Assumed knowledge: General concepts in Biology. Prerequisite: MARS 2001 plus 16 credit points from Intermediate Science units of study. Qualifying: MARS 2003. Assessment: Report.

*NB: 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.

### NTMP 3004 Aquaculture

6 credit points. Semester: 2. Classes: Fieldwork, 80 hours block mode. Assumed knowledge: General concepts in Biology. Prerequisite: MARS 2001 plus 16 credit points from Intermediate Science units of study. Qualifying: MARS 2003. Assessment: Assignments and report.

*NB: 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.

### NTMP 3005 Coastal Management

6 credit points. Semester: 2. Classes: Fieldwork, 80 hours block mode. Assumed knowledge: General concepts in Biology. Prerequisite: MARS 2001 plus 16 credit points from Intermediate Science units of study. Qualifying: MARS 2003. Assessment: Assignment and report.

*NB: 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.

### NTMP 3006 Coastal Oceanography

6 credit points. Semester: 1. Classes: Fieldwork, 80 hours block mode. Assumed knowledge: General concepts in Biology. Prerequisite: MARS 2001 plus 16 credit points from Intermediate Science units of study. Qualifying: MARS 2003. Assessment: Report.

*NB: Permission required for enrolment.*

Coastal Oceanography is an intensive unit that will be held at the tropical research station on North Stradbroke Island in the Great Barrier Reef. The unit focuses on approaches to studying the physical and biological attributes of coastal and pelagic environments. Emphasis is given to measuring horizontal and vertical attributes of the water column (eg, Salinity and temperature) as well as the composition of planktonic assemblages from low salinity waters to the shelf break. Aspects covered include: the use of physical oceanographic equipment (static sampling and logger); analyses of nutrients; and, the use of plankton nets.

## ■ NUTR

### NUTR 2901 Introductory Food Science (Advanced)

8 credit points. Associate Professor J Brand Miller. Semester: 1. Classes: 3 lec & 5 hr prac/wk. Prerequisite: BIOL (1001 or 1901) and (1002 or 1003 or 1902 or 1903) and CHEM (1101 or 1901 or 1903 or 1909) and CHEM (1102 or 1902 or 1904 or 1908). Assessment: One 3 hr exam (50%), practical (50%).

#### *Foods as commodities*

Food use around the world, including the origin, history, cultural and nutritional importance of each of the following major human foods: Animal foods, seafood, cereals (wheat, rice, maize), sugar, fats and oils, milk products, legumes and nuts, roots and tubers, green leafy vegetables, herbs and spices, alcohol, fruit, novel proteins.

#### *Food Behaviour*

Physical and chemical composition of various commodities (fruit and vegetables, carbohydrate foods, wheat and baked goods, eggs, dairy products, fats and oils, meat and poultry), behaviour and function of the commodity during culinary processes, spoilage of the commodity.

#### *Geography of foods*

Understanding of the global food distribution, food abundance and food scarcity, the problems of nutrition in very poor countries and the potential of food aid to minimise food problems.

#### *Macronutrients*

Energy, protein, fat, carbohydrate, fibre, water, alcohol consumption patterns, requirements for health, absorption, metabolism and health/disease significance.

Practical: Organoleptic assessment of food: vision, smell, taste and tactile. Food pigments, the five tastes, genetic differences, food volatiles, food flavour, texture and consistency. Enzymic and non-enzymic browning in foods: desirable versus undesirable browning reactions, prevention, limitation, effect of peeling, cutting, oxygen, sugar, salt sulphur dioxide, vitamin C, acids. Vegetables and fruits - various parts of the plant, types of tissue, cell structure, soluble and insoluble constituents (cell wall, vacuoles, chloroplasts, chromoplasts, oil droplets, intercellular layers), pectic substances, cooking of fruit and vegetables, spoilage reactions. Carbohydrate foods 1 Sugars: types of sugars, crystal structures, mouthfeel, texturing, flavour modifying, fermentation. Carbohydrate foods 2 Starch: Chemical and physical structure, amylose, amylopectin, texturing, thickening properties, viscosity effects, effect of addition of sugar, acid, emulsifiers, origin of starch (rice, wheat, potato). Wheat - effect of milling, gluten structure, leavening agents, ingredients (shortening, emulsifiers, gluten, starch, salt, sugar). Eggs - functional properties of the albumen and yolk, coagulation of proteins, foaming properties, browning, emulsification, clarification, colour and flavour, deterioration and storage. Dairy products - physical structure and chemical composition of milk and dairy products such as butter, cheese, cream and dried milk, effect of whipping, acidity, fermentation, spoilage. Fats and oils - Physical and chemical structure of different fats and oils, functional properties, flavour, lubrication, texturing, heat transfer, preservation, what happens when a food is fried, requirements of deep frying fats and oils. Meat and poultry - chemical and physical composition of red vs white meat, types of tissues (muscle, adipose, connective), conversion

of live muscle to meat, effect of marination, ageing, pigment changes, cooking (dry vs moist), spoilage. Fish and shellfish - types, oily vs non-oily, differences in chemical and physical structure from meat, effect of cooking, problems, spoilage.

#### *Textbooks*

Mann J, Truswell AS (eds). *Essentials of Human Nutrition*. Oxford: OUP, 1998

Griswald N. *The Experimental Study of Foods*.

### NUTR 2902 Introductory Nutritional Science (Adv)

8 credit points. Associate Professor J Brand Miller. Semester: 2. Classes: 3 lec & 5 hr prac/wk. Prerequisite: NUTR 2901. Assessment: One 3 hr exam (50%), practical (50%).

#### *Vitamins*

Consumption patterns, requirements for health, absorption, metabolism, nutritional/disease significance, deficiency state in regard to Vitamins A, B1, B2, B6, B12, niacin, folate, biotin, pantothenic acid, Vitamin C, Vitamin D, Vitamin E, Vitamin K.

#### *Minerals, trace elements*

Consumption patterns, requirements for health, absorption, metabolism, nutritional/disease significance, deficiency state in regard to calcium, iron, sodium, potassium, zinc, selenium, copper, carnitine, choline.

#### *Food Science and Technology*

Principles of food preservation, Cereal technology, Milk and dairy technology, Fat and oil technology, Sugar technology, Meat technology, Processing and nutrient changes, Food legislation, Food additives, Naturally-occurring toxicants, Food pollutants, Food safety

#### *Food Hygiene*

Food microbiology, Food hygiene, Critical control points and hazards analysis.

Practical: Energy and fatty acid ratios in 24 h food intake

Students will collect 24 hour food intake on diemselves and one of the following - a young child, an office worker and a trained athlete. Students will homogenise all foods eaten in a 24 h period, sample representatively and analyse energy content by bomb calorimetry and determine fat, protein, starch, total sugars, dietary fibre and fatty acid composition. Nitrogen balance  
Students will conduct a study in rats comparing nitrogen balance on a nitrogen free diet, normal diet and high protein diet. After a baseline period on the diets, students will collect rat urine and faeces over 3 days and analyse N content. Findings will be compared with analysed N content of diet. Supermarket sleuth  
Students will be responsible in groups of gathering information in supermarkets on health claims on food labels, fat and energy content of full fat and reduced fat products, normal and low sugar products and variations in meat cuts. They will report the finding to the whole class in the final practical.

#### *Textbooks*

Mann J, Truswell AS (1998). *Essentials of human nutrition*. Oxford University Press, Oxford.

Proudlove R.K. *The Science & Technology of Foods*. Forbes London, 1985.

Hobbs BC *Food poisoning and food hygiene*. (5th ed) Ballimore, Mad; E. Arnold 1987.

### NUTR 3901 Nutrition in Individuals (Advanced)

12 credit points. Dr D Volker. Semester: 1. Classes: 4 lec & 8 hr prac/wk. Prerequisite: NUTR 2902. Assessment: One 3 hr exam (50%), practical project (50%).

Lectures: Dietary intake assessment: basic concepts in nutritional status; four methods of dietary assessment in individuals, advantages and limitations; validation of dietary methods; nutritional guidelines, targets and recommended dietary intakes; computerised nutrient analysis; Atwater conversion factors; limitations of food composition analysis; critical interpretation of nutrient analysis

Behavioural influences on food intake

Clinical assessment and biochemical evaluation: nutritional assessment of individuals through clinical examination and commonly used laboratory biochemical tests for nutritional status; methods used to diagnose nutritional deficiencies; specificity, reliability of biochemical tests

Anthropometry and body composition: techniques for measuring body composition; soft tissue measurements; percent body fat; reference standards; growth standards and percentiles

Nutritional metabolism: biochemical interrelationships between nutrients and the supply of energy to the body; effects of nutritional state on energy metabolism (exercise, starvation, obesity, diabetes)

Nutritional epidemiology: basic concepts (causality, randomised control trials, cohort studies, case-control studies,

cross sectional and ecological studies); advantages and limitations of epidemiological methods; biological markers of chronic diseases; use of biostatistical tools in epidemiology; critical interpretation of published data.

Research design: qualitative research methods; questionnaire design

Statistics for nutrition: basic concepts (mean, median, standard deviation); association and regression in the relationship between two continuous variables; parametric and non parametric tests for group comparisons); statistical methods used to analyse dietary intake and epidemiological studies; data management and analysis.

Practical: Formats will include practical classes, problem-based learning with case histories and small group tutorials.

#### Textbooks

Cameron ME, Van Staveren WA eds. Manual on Methodology for Food Consumption studies. Oxford: Oxford University Press, 1988.

Willett W. Nutritional Epidemiology. Oxford: Oxford University Press, 1990.

Gibson RS. Nutritional Assessment: A Laboratory Manual. Oxford: Oxford University Press, 1993.

#### NUTR 3902 Nutrition in Populations (Advanced)

12 credit points. Ms Sue Amanatidis. **Semester: 2. Classes:** 4 lec & 8 hr prac/wk. **Prerequisite:** NUTR 2902. **Assessment:** One 3 hr exam (50%), practical project (50%).

Nutrition through the lifecycle: nutritional needs of infants, children, adolescents, pregnant and lactating women and older people.

Food Habits: theories of food habits; factors affecting food habits of individuals and societies; food habits of major ethnic and cultural groups in Australia.

Nutritional problems in contemporary communities and selected target groups: nutritional problems in Aboriginal communities, low income groups and non-English speaking communities.

Nutritional health and chronic disease: chronic diseases related to nutrition including, obesity, cancer, coronary heart disease, hypertension, non-insulin dependant diabetes, dental caries, osteoporosis, iron deficiency, iodine deficiency, vitamin A deficiency and folate deficiency; nutritional problems in developing countries.

Food and nutrition policies and guidelines: dietary guidelines; dietary goals and targets; Recommended Dietary Intakes; food selection guides; national and food and nutrition policies; local government food policies.

Food and Nutrition Systems: the food and nutrition system in Australia; food regulation in Australia

Principles of Public Health nutrition: history and philosophy of public health nutrition; the Ottawa Charter for health Promotion; needs assessment and program planning for populations; evaluation.

Public Health Nutrition Strategies and programs: theories of behaviour change; types of public health nutrition program in Australia; successful strategies for public health nutrition programs.

Principles of Nutrition Education: small group dynamic theories; Adult learning principles; learning styles; small group education strategies; program planning and evaluation; resource development.

Nutrition controversies: fad diets and alternative practitioners.

Practical: The aim of the practicals is to allow students to put into practice what is covered in the lectures. The practical sessions will include problem based learning learning with cases studies and small group tutorials. Practical project Students will work in groups on a major project over the entire semester.

Students will be asked to plan a community intervention for a specific target group. The project will require the students to conduct a needs assessment with the target group and to seek information from various community sources including government and non-government organisations and food industries. The students will write a report and present their project to the class.

## ■ PHYS

#### PHYS 1001 Physics 1 (Regular)

6 credit points. **Semester: 1. Classes:** 3 lec & 3 prac/tut/wk. **Assumed knowledge:** HSC Physics. **Corequisite:** Recommended concurrent units of study: MATH 1001 and 1002 or 1901 and 1902. **Prohibition:** May not be counted with PHYS 1002 or 1901. **Assessment:** One 3hr exam, lab & assignments.

This unit of study is for students who gained 65 marks or better in HSC 2-unit Physics or equivalent. The lecture series contains three four-week modules on the topics of mechanics, thermal physics, and waves.

#### Textbooks

Physics Laboratory Manual - School of Physics Publication

Other books to be advised.

#### PHYS 1002 Physics 1 (Fundamentals)

6 credit points. **Semester: 1. Classes:** 3 lec & 3 prac/tut/wk. **Assumed knowledge:** No assumed knowledge of Physics. **Corequisite:** Recommended concurrent units of study: MATH (1001 and 1002) or (1901 and 1902). **Prohibition:** May not be counted with PHYS 1001 or 1901. **Assessment:** One 3hr exam, lab & assignments.

This unit of study is designed for students who have not studied Physics previously. The lecture series contains three four-week modules on the Language of Physics, Mechanics, and Waves.

#### Textbooks

Physics Laboratory Manual - School of Physics Publication

Other books to be advised

#### PHYS 1003 Physics 1 (Technological)

6 credit points. **Semester: 1,2. Classes:** 3 lec & 3 prac/tut/wk. **Assumed knowledge:** HSC Physics or PHYS 1001 or 1002 or 1901 or equivalent. **Corequisite:** For Science students: Recommended concurrent units MATH (1003 and 1005) or (1903 and 1905). **Prohibition:** May not be counted with PHYS 1004 or 1902. **Assessment:** One 3hr exam, lab & assignments.

This unit of study is designed for students majoring in the physical and engineering sciences and emphasis is placed on applications of physical principles to the technological world. The lecture series contains three four-week modules on the topics of fluids and fields, electromagnetism, and quantum and materials physics.

#### Textbooks

Physics Laboratory Manual - School of Physics Publication

Other books to be advised

#### PHYS 1004 Physics 1 (Environmental & Life Science)

6 credit points. **Semester: 2. Classes:** 3 lec & 3 prac/tut/wk. **Assumed knowledge:** HSC Physics or PHYS 1001 or 1002 or 1901 or equivalent. **Corequisite:** Recommended concurrent units of study: MAIH 1003 and 1005 or 1903 and 1905. **Prohibition:** May not be counted with PHYS 1003 or 1902. **Assessment:** One 3hr exam, lab & assignments.

This unit of study has been designed specifically for students interested in further study in environmental and life sciences. The lecture series contains three four-week modules on the topics of electromagnetism, properties of matter, and atoms, nuclei and quanta.

#### Textbooks

Physics Laboratory Manual - School of Physics Publication

Other books to be advised

#### PHYS 1500 Astronomy

6 credit points. **Semester: 2. Classes:** 3 lec, 1 tut & 2 lab/wk. **Assumed knowledge:** No assumed knowledge of Physics. **Assessment:** 1 hr exam, 2 essays, prac, assignments.

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, supernovas, 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

Seeds MA. Horizons: Exploring the Universe. 6th edn, Brooks/Cole Publishing Company: pacific Grove CA USA, 2000

#### PHYS 1901 Physics 1A (Advanced)

6 credit points. **Semester: 1. Classes:** 3 lec & 3 prac/tut/wk.

**Prerequisite:** UAI of at least 95 or HSC Physics result in the 90th percentile or better, or Distinction or better in a University level Physics unit, or by invitation. **Corequisite:** Recommended concurrent units of study: MATH (1001 and 1002) or (1901 and 1902). **Prohibition:** May not be counted with PHYS 1001 or 1002. **Assessment:** One 3hr exam, lab & assignments.

*NB: Permission required for enrolment.*

Physics 1901 (Advanced) A is intended for students who have a strong background in Physics and an interest in studying more

advanced topics. It proceeds faster than Physics 1001 (Regular), covering further and more difficult material. The lecture series contains three four-week modules on the topics of mechanics, thermal physics, and waves. The laboratory work also provides an introduction to computational physics using chaos theory as the topic of study.

#### Textbooks

Physics Laboratory Manual - School of Physics Publication

Other books to be advised

### PHYS 1902 Physics 1B (Advanced)

6 credit points. Semester: 2. Classes: 3 lec/tut & 3 prac/wk.

Prerequisite: UAI of at least 95 or HSC Physics result in the 90th percentile or better, or Distinction or better in a University level Physics unit, or by invitation. Corequisite: Recommended concurrent units of study: MATH (1003 and 1005) or (1903 and 1905). Prohibition: May not be counted with PHYS 1003 or 1004. Assessment: One 3hr exam, lab & assignments.

*NB: Permission required for enrolment.*

This unit of study is a continuation of Physics 1901 (Advanced) A. Students who have completed Physics 1001 (Regular) or Physics 1002 (Fundamentals) at Distinction level may enrol. It proceeds faster than Physics 1003 (Technological), covering further and more difficult material. The lecture series contains three four-week modules on the topics of fluids and fields, electromagnetism, quantum and materials physics, and superconductivity.

#### Textbooks

Physics Laboratory Manual - School of Physics Publication

Other books to be advised

### PHYS 2001 Physics (Regular)

8 credit points. Semester: 1. Classes: 3 lec, 3 prac & 2 microlab/wk.

Prerequisite: 12 credit points of Junior Physics (excluding PHYS 1500 and 1600) and 12 credit points of Junior Mathematics other than MATH 1011, 1012, 1013 and 1015 or Credit or better in MATH 1011, 1012, 1013 and 1015. Prohibition: May not be counted with PHYS 2101 or 2103 or 2901. Assessment: One 3hr exam, four computer based assignments, microlab (report & test), prac work and report.

This unit of study is designed for students continuing with the study of physics at the general intermediate level.

The lecture topics are quantum physics with an emphasis on quantum mechanics and applications to solid state and molecular physics, stellar astrophysics and an introduction to instrumentation for physical, environmental and biological sciences.

Microlab: Computational Physics is taught in a PC based computing laboratory (MicroLab). An introductory session is held at the beginning of the semester for students who are not familiar with personal computers. Students work in teams of three and using simple MarLab programming they develop computational solutions to problems in quantum mechanics. Computational Physics is assessed by a short written report and a one hour test administered individually.

Practical: Experimental Physics is taught as a laboratory module and includes experiments in the areas of instrumentation, quantum physics, properties of matter analysis of stellar images and environmental sensing and measurement. Assessment is based on mastery of the all aspects of each attempted experiment. At the end of the semester students prepare a short report on one experiment and present a oral report on it. The report and the presentation are also assessed.

#### Textbooks

Serway Moses and Moyer, Modern Physics, Saunders College

Publishing, 2e 1997

Tango, Introduction to Stellar Astrophysics, published by the School of Physics

Experimental Physics Notes, published by the School of Physics

### PHYS 2002 Physics (Technological)

8 credit points. Semester: 2. Classes: 3 lec, 3 prac & 2 microlab/wk.

Prerequisite: 12 credit points of Junior Physics (excluding PHYS 1500 and 1600) and 12 credit points of Junior Mathematics other than MATH 1011, 1012, 1013 and 1015 or Credit or better in MATH 1011, 1012, 1013 and 1015. Prohibition: May not be counted with PHYS 2102 or 2104 or 2902. Assessment: One 3hr exam, 2 prac reports, four computer based lab assignments, microlab (report & test), prac work and report.

This unit of study is designed for students majoring in the physical and engineering sciences. The lecture topics are electromagnetic properties of matter, instrumentation for the physical and environmental sciences, and optics for communications and sensing.

Microlab: The computational physics component is similar to that of PHYS 2001, except that the material for the unit of study will be drawn from optics topics.

Practical: As for Physics 2001, except that in the last part of the July semester students work in teams on a project, write a report on it and present the results in an oral report to other members of the class.

#### Textbooks

Experimental Physics Notes. School of Physics Publication

### PHYS 2105 Physics for Medical Sciences

4 credit points. Semester: 2. Classes: 2 lec, 1 tut & 1 prac/wk.

Prerequisite: 12 credit points of Junior Physics, excluding PHYS 1500 & 1600. Assessment: One 2 hr exam, assignments, prac work and report.

This unit of study is primarily intended for students in the Bachelor of Medical Science program, but is also available in other degree programs. It covers a number of physics topics relevant to medical science: sound and ultrasound, light and optics, fluid flow, electrical properties of the cells and the nervous system, heat and temperature. The topics are presented in the context of their relevance and applications to medical science. In addition to lectures, on alternate weeks there are two hour workshop tutorials and laboratory sessions involving both practical and simulation.

### PHYS 2901 Physics (Advanced) A

8 credit points. Semester: 1. Classes: 3 lec, 3 prac & 2 microlab/wk.

Prerequisite: 12 credit points of Junior Physics at the Advanced level (PHYS 1901 or 1902) or a result of Credit or better in units (PHYS 1001, 1002, 1003, 1004) but excluding PHYS 1500 and 1600; 12 credit points of Junior Mathematics other than MATH 1011, 1012, 1013 and 1015 or Credit or better in MATH 1011, 1012, 1013 and 1015. Prohibition: May not be counted with PHYS 2001 or 2101 or 2103. Assessment: One 3hr exam, four computer based assignments, microlab (report & test), prac work and report.

This advanced intermediate unit of study is designed for students who have a strong interest in Physics. The advanced lecture topics are generally more rigorous and cover material in greater depth than is done in the regular lectures. The assessment of the advanced subjects will reflect the more challenging nature of the material presented. Lectures as for PHYS 2001.

Microlab: As for PHYS 2001.

Practical: As for Physics 2001.

#### Textbooks

Eisberg & Resnick, Quantum Physics of Atoms, Molecules, Solids,

Nuclei and Particles, John Wiley, 2e 1985

Tango, Introduction to Stellar Astrophysics published by the School of Physics

Experimental Physics Notes, published by the School of Physics

### PHYS 2902 Physics (Advanced) B

8 credit points. Semester: 2. Classes: 3 lec, 3 prac & 2 microlab/wk.

Prerequisite: 12 credit points of Junior Physics at the Advanced level (PHYS 1901 and 1902) or a result of Credit or better in units (PHYS 1001, 1002, 1003, 1004) but excluding PHYS 1500 and PHYS 1600; 12 credit points of Junior Mathematics other than MATH 1011, 1012, 1013 and 1015 or a result of Credit or better in MATH 1011, 1012, 1013 and 1015. Prohibition: May not be counted with PHYS 2002 or 2102 or 2104. Assessment: One 3hr exam, four computer based assignments, microlab (report & test), prac work and report.

Refer to PHYS 2901 for an overall description of the advanced Intermediate program. The lectures in Physics 2902 include advanced electrodynamics, advanced optics, and instrumentation for the physical and environmental sciences.

Microlab: As for PHYS 2002.

Practical: As for Physics 2002.

#### Textbooks

Griffiths DJ. Introduction to Electrodynamics. Prentice Hall, (3rd edn 1999)

Experimental Physics Notes. School of Physics Publication

### PHYS 3003 Quantum Mechanics and Relativity

4 credit points. Semester: 1. Classes: 3 lec/wk. Prerequisite: 8 credit

points of Intermediate Mathematics. Qualifying: 16 credit points of Intermediate Physics. Prohibition: May not be counted with PHYS 3903 or 3200. Assessment: 3hr exam, assignments.

The non-relativistic theory of quantum mechanics is treated, with particular emphasis on applications, such as in atomic and molecular physics. The theory of special relativity and its applications in classical mechanics and electromagnetism are also covered.

#### Textbooks

Eisberg R, & Resnick R. Quantum Physics of Atoms, Molecules, Solids, Nuclei and Particles. 2nd edn

#### Reference books

Griffiths DJ. Introduction to Electrodynamics. 2nd edn

Taylor EF, & Wheeler JA. Spacetime Physics. 2nd edn

**PHYS 3004 Condensed Matter Physics and Photonics**  
4 credit points. **Semester:** 1. **Classes:** 3 lec/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics. **Qualifying:** 16 credit points of Intermediate Physics. **Prohibition:** May not be counted with PHYS 3904. **Assessment:** 3hr exam, assignments.

This unit of study covers two of the most important, and closely related, areas of research in contemporary physics and application to technology and engineering. The physics of condensed matter, in particular the solid state, is studied, as well as topics in photonic technology such as optical fibres.

*Reference book*

Kittel C. Introduction to Solid State Physics. 6th edn

**PHYS 3005 Topics in Modern Physics A**

4 credit points. **Semester:** 2. **Classes:** 3 lec/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics. **Qualifying:** 16 credit points of Intermediate Physics. **Prohibition:** May not be counted with PHYS 3905 or 3105 or 3106 or 3107 or 3108 or 3109. **Assessment:** 3hr exam, assignments.

This unit of study covers thermal physics and energy physics, plus a choice of one subject covering an important research area of contemporary physics. Thermal physics covers the laws of thermodynamics, and energy physics explores the technological, environmental and practical uses and consequences of thermodynamics. The option subjects are in the areas covered by the research departments of the School of Physics: Astrophysics, Plasma Physics, Modern Optics, and Nuclear and Particle Physics. Not all of these option subjects may be offered in the one year.

*Textbooks*

Eisberg R, & Resnick R. Quantum Physics of Atoms, Molecules, Solids, Nuclei and Particles. 2nd edn (for Nuclear and Particle Physics)

*Reference book*

Zemansky and Dittman. Heat and Thermodynamics.

Chen. Introduction to Plasma Physics and Controlled Fusion. (Vol 1) (for Plasma Physics)

**PHYS 3006 Topics in Modern Physics B**

4 credit points. **Semester:** 2. **Classes:** 3 lec/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics. **Qualifying:** 16 credit points of Intermediate Physics. **Prohibition:** May not be counted with PHYS 3906 or 3105 or 3106 or 3107 or 3108 or 3109. **Assessment:** 3hr exam, assignments.

This unit of study covers a choice of two subjects covering important research areas of contemporary physics: Astrophysics, Plasma Physics, Modern Optics, and Nuclear and Particle Physics. Not all of these option subjects may be offered in the one year. The option subjects cover the same topics as for Physics 3005.

**PHYS 3008 Experimental Physics A**

4 credit points. **Semester:** 1,2. **Classes:** 4hr prac/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics. **Qualifying:** 16 credit points of Intermediate Physics. **Prohibition:** May not be counted with PHYS 3908 or 3009 or 3909. **Assessment:** Prac assessment.

Six experiments drawn from a range of experiments in the area of waves and optics, nuclear physics and the properties of matter.

**PHYS 3009 Experimental Physics B**

8 credit points. **Semester:** 1,2. **Classes:** 8hr prac/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics. **Qualifying:** 16 credit points of Intermediate Physics. **Prohibition:** May not be counted with PHYS 3008 or 3908 or 3909. **Assessment:** Prac assessment.

Twelve experiments drawn from a range of experiments in the areas of waves and optics, nuclear physics and the properties of matter.

**PHYS 3101 Experimental Physics C**

4 credit points. **Semester:** 1,2. **Classes:** 4hr prac/wk. **Qualifying:** PHYS 3008 or 3009 or 3908 or 3909. **Prohibition:** May not be counted with PHYS 3102 or 3801 or 3802. **Assessment:** Prac assessment.

Six experiments are undertaken, drawn from a range of experiments in the fields of waves and optics, nuclear physics and the properties of matter.

**PHYS 3102 Experimental Physics D**

8 credit points. **Semester:** 1,2. **Classes:** 8hr prac/wk. **Qualifying:** PHYS 3008 or 3009 or 3908 or 3909. **Prohibition:** May not be counted with PHYS 3101 or 3801 or 3802. **Assessment:** Prac assessment.

Twelve experiments drawn from a range of experiments in the area of waves and optics, nuclear physics and the properties of matter.

**PHYS 3103 Special Project A**

4 credit points. **Semester:** 1. **Classes:** 4hr prac/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics. **Qualifying:** 16 credit points of Intermediate Physics. **Prohibition:** May not be counted with PHYS 3104 or 3803 or 3804. **Assessment:** Written report and oral presentation.

*NB: Enrolling students should contact the lecturer in charge of Senior Physics to arrange a suitable project and supervisor.*

The equivalent of 4 hours per week is spent in a research group within the School of Physics, working on a research experiment or theoretical project supervised by a researcher. Approval for this unit must be obtained from the Lecturer in charge of Senior Physics.

**PHYS 3104 Special Project B**

4 credit points. **Semester:** 2. **Classes:** 4hr prac/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics. **Qualifying:** 16 credit points of Intermediate Physics. **Prohibition:** May not be counted with PHYS 3103 or 3803 or 3804. **Assessment:** Written report and oral presentation.

*NB: Enrolling students should contact the lecturer in charge of Senior Physics to arrange a suitable project and supervisor.*

As for PHYS 3103, but in the July semester.

**PHYS 3105 Astrophysics**

4 credit points. **Semester:** 2. **Classes:** 2 lec & 2hr prac/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics. **Qualifying:** 16 credit points of Intermediate Physics. **Prohibition:** May not be counted with PHYS 3005 or 3006 or 3905 or 3906. **Assessment:** 2hr exam, assignments, prac assessment.

This unit of study is intended for students not majoring in physics. The lecture component is the same as for the astrophysics component of Physics 3005. Several experiments illustrating the principles of astrophysics are also undertaken in the physics laboratory.

**PHYS 3106 Plasma Physics**

4 credit points. **Semester:** 2. **Classes:** 2 lec & 2hr prac/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics. **Qualifying:** 16 credit points of Intermediate Physics. **Prohibition:** May not be counted with PHYS 3005 or 3006 or 3905 or 3906. **Assessment:** 2hr exam, assignments, prac assessment.

This unit of study is intended for students not majoring in physics. The lecture component is the same as for the plasma physics component of PHYS 3005. Several experiments illustrating the principles of plasma physics are also undertaken in the physics laboratory.

**PHYS 3107 Modern Optics**

4 credit points. **Semester:** 2. **Classes:** 2 lec & 2hr prac/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics. **Qualifying:** 16 credit points of Intermediate Physics. **Prohibition:** May not be counted with PHYS 3005 or 3006 or 3905 or 3906. **Assessment:** 2hr exam, assignments, prac assessment.

This unit of study is intended for students not majoring in physics. The lecture component is the same as for the modern optics component of PHYS 3005. Several experiments illustrating the principles of modern optics are also undertaken in the physics laboratory.

**PHYS 3108 Nuclear and Particle Physics**

4 credit points. **Semester:** 2. **Classes:** 2 lec & 2hr prac/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics. **Qualifying:** 16 credit points of Intermediate Physics. **Prohibition:** May not be counted with PHYS 3005 or 3006 or 3905 or 3906. **Assessment:** 2hr exam, assignments, prac assessment.

*NB: Permission required for enrolment. Entry requires permission from the School*

This unit of study is intended for students not majoring in physics. The lecture component is the same as for the nuclear and particle physics component of PHYS 3005. Several experiments illustrating the principles of nuclear and particle physics are also undertaken in the physics laboratory.

(May not be available every year - check with the Senior Physics coordinator)

**PHYS 3200 Quantum Physics**

4 credit points. **Semester:** 1. **Classes:** 2 lec & 2hr prac/wk. **Prerequisite:** 8 credit points of Intermediate Mathematics. **Qualifying:** 16 credit points of Intermediate Physics. **Prohibition:** May not be counted with PHYS 3003 or 3903. **Assessment:** 2hr exam, assignments, prac assessment.

This unit of study is intended for students not majoring in physics. The lecture component is the same as for the quantum physics component of PHYS 3003. Several experiments illustrating the principles of quantum physics are also undertaken in the physics laboratory.

**PHYS 3301 Scientific Computing**

4 credit points. Semester: 1. Classes: 2 lec & 2hr computer lab/wk. Prerequisite: 16 credit points of Intermediate units of study in Science Subject Areas. Prohibition: May not be counted with PHYS 3931. Scientific computing now stands beside theory and experiment/observation as a third way to pursue scientific investigations and technological developments. This course presents students with a wide variety of tools and techniques used in scientific computing. Abundant tutorials provide hands-on experience with a selection of the powerful computer facilities of Vislab. The unit of study deals with general principles and is suitable for students in any scientific or engineering discipline.

**PHYS 3303 Scientific Visualisation**

4 credit points. Semester: 2. Classes: 2 lec & 2hr computer lab/wk. Prerequisite: 16 credit points of Intermediate units of study in Science Subject Areas. Prohibition: May not be counted with PHYS 3933. Assessment: Examination, assignments and practical work. This unit of study includes an introduction to visualisation, 2D image processing, visualisation of 2D data in 2 and 3 dimensions, dealing with different image formats, 3D scientific data volumes, visualisation techniques (volume, iso-surface, mesh), use/abuse of colour, volume visualisation, 3D geometric datasets, using a generic visualisation package (AVS), incorporating computational models within a visualisation, real-time visualisation, producing output, conceptual visualisation, experience with computer animation programs. As this unit of study deals with general principles it is suitable for students in any scientific discipline.

**PHYS 3600 Energy and the Environment**

4 credit points. Semester: 1. Classes: 1 lec & 1 sem & 2hrs made up of sem, field trips, project work and pres/wk. Prerequisite: ENVI 2002 or 12 credit points of Junior Physics. Assessment: 2000w essay (25%), 2000w case study & oral presentation (45%), seminars following field trips (30%).

*NB: This unit of study is available to students in the Bachelor of Science (Environmental) only.*

This unit of study covers the following aspects of energy and the environmental: energy use, power generation including alternative methods, environmental impact of energy use and power generation including the greenhouse effect, atmospheric impacts: ozone depletion and pollution, transportation and pollution, energy management in buildings, solar thermal energy, photovoltaics, nuclear energy, risk assessment, socio-economic and political issues related to energy use and power generation.

The unit of study will consist of one lecture and one seminar per week, with a further two hours per week made up of 3 field trips, work on a project and oral presentation of an essay and the results of the project.

**PHYS 3801 Experimental Physics C (Advanced)**

4 credit points. Semester: 1,2. Classes: 4hr prac/wk. Qualifying: PHYS 3908 or 3909. Prohibition: May not be counted with PHYS 3101 or 3102 or 3802. Assessment: Prac assessment. As for PHYS 3101 with some more challenging material.

**PHYS 3802 Experimental Physics D (Advanced)**

8 credit points. Semester: 1,2. Classes: 8hr prac/wk. Qualifying: PHYS 3908 or 3909. Prohibition: May not be counted with PHYS 3101 or 3102 or 3801. Assessment: Prac assessment. As for PHYS 3102 with some more challenging material.

**PHYS 3803 Special Project A (Advanced)**

4 credit points. Semester: 1. Classes: 4hr prac/wk. Prerequisite: 16 credit points of Intermediate Mathematics. Qualifying: PHYS 2901 and 2902, or Credit or better in PHYS 2001 or 2101 and Credit or better in PHYS 2002 or 2102. Prohibition: May not be counted with PHYS 3103 or 3104 or 3804. Assessment: Written report and oral presentation.

*NB: Enrolling students should contact the lecturer in charge of Senior Physics to arrange a suitable project and supervisor.*

As for PHYS 3103, but at a more challenging level. Approval for this unit must be obtained from the Lecturer in charge of Senior Physics.

**PHYS 3804 Special Project B (Advanced)**

4 credit points. Semester: 2. Prerequisite: 16 credit points of Intermediate Mathematics. Qualifying: PHYS 2901 and 2902, or Credit or better in PHYS 2001 or 2101 and Credit or better in PHYS 2002 or 2102. Prohibition: May not be counted with PHYS 3103 or 3104 or 3803. Assessment: Written report and oral presentation.

*NB: Enrolling students should contact the lecturer in charge of Senior Physics to arrange a suitable project and supervisor.*

As for PHYS 3104, but at a more challenging level.

**PHYS 3903 Quantum Mechanics and Relativity (Adv)**

4 credit points. Semester: 1. Classes: 3 lec/wk. Prerequisite: 16 credit points of Intermediate Mathematics. Qualifying: PHYS 2901 and 2902 or Credit or better in PHYS 2001 or 2101 and Credit or better in PHYS 2002 or 2102. Prohibition: May not be counted with PHYS 3003 or 3200. Assessment: 3hr exam, assignments.

This unit of study covers the same topics as PHYS 3003, with extension material. The formal foundations of Quantum Mechanics are emphasized.

*Textbooks*

Bransden BH, & Joachain CI. Introduction to Quantum Mechanics.

*Reference book*

Griffiths DJ. Introduction to Electrodynamics. 2nd edn

**PHYS 3904 Condensed Matter Physics & Photonics Adv**

4 credit points. Semester: 1. Classes: 3 lec/wk. Prerequisite: 16 credit points of Intermediate Mathematics. Qualifying: PHYS 2901 and 2902 or Credit or better in PHYS 2001 or 2101 and Credit or better in PHYS 2002 or 2102. Prohibition: May not be counted with PHYS 3004. Assessment: 3hr exam, assignments.

This unit of study covers the same topics as PHYS 3004, with some more challenging material.

**PHYS 3905 Topics in Modern Physics A (Advanced)**

4 credit points. Semester: 2. Classes: 3 lec/wk. Prerequisite: 16 credit points of Intermediate Mathematics. Qualifying: PHYS 2901 and 2902 or Credit or better in PHYS 2001 or 2101 and Credit or better in PHYS 2002 or 2102. Prohibition: May not be counted with PHYS 3005 or 3105 or 3106 or 3107 or 3108 or 3109. Assessment: 3hr exam, assignments.

This unit of study covers the same topics as in PHYS 3005, except that Energy Physics may be replaced by Statistical Mechanics, which provides the molecular basis of thermodynamics. Some more challenging material is also provided.

*Textbooks*

Eisberg R, & Resnick R. Quantum Physics of Atoms, Molecules, Solids, Nuclei and Particles. 2nd edn (for Nuclear and Particle Physics)

*Reference book*

Zemansky and Dittman. Heat and Thermodynamics.

Chen. Introduction to Plasma Physics and Controlled Fusion. (Vol 1) (for Plasma Physics)

**PHYS 3906 Topics in Modern Physics B (Advanced)**

4 credit points. Semester: 2. Classes: 3 lec/wk. Prerequisite: 16 credit points of Intermediate Mathematics. Qualifying: PHYS 2901 and 2902, or Credit or better in PHYS 2001 or 2101 and Credit or better in PHYS 2002 or 2102. Prohibition: May not be counted with PHYS 3006 or 3105 or 3106 or 3107 or 3108 or 3109. Assessment: 3hr exam, assignments.

This unit of study is as for the unit of study PHYS 3006, with some more challenging material.

**PHYS 3908 Experimental Physics A (Advanced)**

4 credit points. Semester: 1,2. Classes: 4hr prac/wk. Prerequisite: 16 credit points of Intermediate Mathematics. Qualifying: PHYS 2901 and 2902, or Credit or better in PHYS 2001 or 2101 and Credit or better in PHYS 2002 or 2102. Prohibition: May not be counted with PHYS 3008 or 3009 or 3909. Assessment: Prac assessment.

As for PHYS 3008 with some more challenging material.

**PHYS 3909 Experimental Physics B (Advanced)**

8 credit points. Semester: 1,2. Classes: 8hr prac/wk. Prerequisite: 16 credit points of Intermediate Mathematics. Qualifying: PHYS 2901 and 2902, or Credit or better in PPHYS or 2101 and Credit or better in PHYS 2002 or 2102. Prohibition: May not be counted with PHYS 3008 or 3009 or 3908. Assessment: Prac assessment.

As for PHYS 3009 with some more challenging material.

**PHYS 3931 Scientific Computing (Advanced)**

4 credit points. Semester: 1. Classes: 2 lec & 2 prac/wk. Prerequisite: 16 credit points at a level of Credit or better of Intermediate units of study in Science Subject Areas. Prohibition: May not be counted with PHYS 3301. Assessment: 1 hr exam, competency tests, and project.

As for PHYS 3301 with some more challenging material.

**PHYS 3933 Scientific Visualisation (Advanced)**

4 credit points. Semester: 2. Classes: 2 lec, 2 computer lab/wk. Prerequisite: 16 credit points at a level of Credit or better of Intermediate units of study in Science Subject Areas. Prohibition: May not be counted with PHYS 3303. Assessment: Exam (40%), assignments (20%) and project (40%).

As for PHYS 3303 with some more challenging material.



## ■ PSYC

### PSYC 1001 Psychology 1001

6 credit points. **Semester:** 1, Summer. **Classes:** 3 lec, one 2hr demonstration/tut/wk. **Assessment:** One 3hr exam, one 1000w essay, one tut test, 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: subject matter and methods of psychology; basic statistics and measurement; behavioural neuroscience; sensory processes; social psychology; personality theory.

Summer School: January-February

This department offers PSYC 1001 in the Sydney Summer School. Consult The Sydnet Summer School Web site for more information, [www.usyd.edu.au/summerschool/](http://www.usyd.edu.au/summerschool/)

*Textbooks*

Psychology 1001 Handbook (2001) and others as advised.

### PSYC 1002 Psychology 1002

6 credit points. **Semester:** 2. **Classes:** 3 lec & 2hr demonstration/tut/wk. **Assessment:** One 3hr exam, one 1250w prac report, one tut test, experimental participation.

Psychology 1002 covers the following areas: human development; human mental abilities; learning, motivation and abnormal psychology; visual perception; cognitive processes.

*Textbooks*

Psychology 1002 Handbook (2001) and others as advised.

### PSYC 2111 Learning, Neuroscience and Perception

4 credit points. **Semester:** 1. **Classes:** 2 lec & 1 prac/wk. **Qualifying:** PSYC 1001 and 1002 (Note: 16 credit points of Intermediate Psychology is required for Honours entry). **Assessment:** Multiple choice exam, lab report, tutorial quiz.

This unit of study examines a range of phenomena and principles in perception and learning and their relations to 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. Perceptual phenomena include recognition of faces and 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 Departmental handout

### PSYC 2112 Psychological Statistics

4 credit points. **Semester:** 1. **Classes:** 2 lec & 1 prac/wk, 1 computer tut/fortnight. **Qualifying:** PSYC 1001 and 1002 (Note: 16 credit points of Intermediate Psychology is required for Honours entry). **Assessment:** Class tests, Group project, Multiple choice exam.

The aim of this unit of study is to introduce students to some of the fundamental concepts in statistics as used in Psychology. These include summary descriptive statistics and an introduction to the principles and practice of experimental design and inferential statistics. Building upon this ground work, the unit of study aims to develop 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 Departmental handout

### PSYC 2113 Cognitive Processes & Social Psychology

4 credit points. **Semester:** 2. **Classes:** 2 lec & 1 prac/wk. **Qualifying:** PSYC 1001 and 1002 (Note: 16 credit points of Intermediate Psychology is required for Honours entry). **Assessment:** Class quiz and multiple choice exam.

The aim of the Cognitive Processes component is to acquaint students with current theoretical and experimental work in cognitive psychology. The aim of the Social Psychology component is to extend some of the Social Psychology topics introduced in Psychology 1001 and to introduce some new topics. Students are expected to gain an understanding of two main areas of Social Psychology: (1) Group and intergroup relationships and (2) Interpersonal processes, with a focus on altruism and helping behaviour and affiliation and attraction.

*Textbooks*

See Departmental handout

### PSYC 2114 Personality and Individual Differences

4 credit points. **Semester:** 2. **Classes:** 2 lec & 1 tut & 1 hr self-paced computer/library research/wk. **Qualifying:** PSYC 1001 and 1002 (Note: 16 credit points of Intermediate Psychology is required for Honours entry). **Assessment:** Personality: 1 hr exam & essay; Individual Differences: 1 hr exam and quiz.

PSYC 2114 is made up of two components: Personality and Individual Differences. The aim of the Personality component is to introduce the student to various psychodynamic theories of personality, Eysenck's biological typology and current trait theory. Students will be exposed to conceptual analysis and encouraged to critically evaluate the various theories covered.

The aim of the Individual Differences component is to introduce the major issues in individual differences and group differences in human abilities. It is divided into two parts: 5 lectures on individual differences and 8 lectures on group differences.

Students are expected to gain an understanding about the major theories of intelligence and of the facts related to the traditional areas of group differences.

*Textbooks*

See Departmental handout

### PSYC 3201 Statistics and Psychometrics

4 credit points. **Semester:** 2. **Classes:** 2 lec & 1 prac & 1 hr unsupervised computer/practice/wk. **Qualifying:** 8 credit points of Intermediate Psychology including PSYC 2112. **Assessment:** Class test, assignment, examination.

*NB: 32 credit points of Senior (thirdyear) Psychology is required for a major*

PSYC 3201 consists of two components, Statistics and Psychometrics. The aim of the Statistics component is to teach students the structure of experiments for which analysis of variance would be an appropriate means of analysis. The unit of study aims to develop students' ability to ask more focused questions than can be answered by omnibus F tests, specifically by the testing of contrasts. The problems of multiple inferences, and the control of the Type I error rate, are an integral aspect of the unit of study.

The objective of the Psychometrics component is to introduce students to measurement as understood in Psychology, to a range of quantitative theories and to the basic concepts of classical psychometrics, item analysis and test construction.

*Textbooks*

See Departmental handout

### PSYC 3202 History and Philosophy of Psychology

4 credit points. **Semester:** 1. **Classes:** 2 lec & 1 tut & 1 hr self paced library research/wk. **Qualifying:** 12 credit points of Intermediate Psychology. **Assessment:** 1.5hr exam, 1 x 2000 word essay.

*NB: 32 credit points of Senior (thirdyear) Psychology is required for a major*

PSYC 3202 consists of two components: History of Psychology and Philosophy of Psychology. The History of Psychology introduces the historical foundations of Western psychology from Descartes through to the cognitive revolution in the 1960's. In covering important individuals, movements and themes, attention is drawn to debate about interpretation of the historical process, and to analysis of the form and structure of the various arguments presented in favour of certain psychological theories. The Philosophy of Psychology introduces traditional and contemporary themes in the philosophy of science, with focus on the relevance to psychology. Students are expected to become aware that metatheoretical analysis has a central place in psychology alongside empirical methods, that the basic concepts and theories of psychology involve philosophical assumptions which can be articulated and examined.

*Textbooks*

See Departmental handout

### PSYC 3203 Abnormal Psychology

4 credit points. **Semester:** 2. **Classes:** 2 lec & 1 tut/wk. **Qualifying:** PSYC 2111 and PSYC (2113 or 2114). **Assessment:** 1.5hr exam, report/presentation.

*NB: 32 credit points of Senior (thirdyear) Psychology is required for a major*

This unit of study examines core issues in Abnormal Psychology. The unit of study will cover aspects of adult abnormality and child abnormality and will include topics such as:

- (a) Adult abnormal psychology: Anxiety disorders (specific phobias, panic disorder, agoraphobia, 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: Learning disabilities, Mental retardation, Intellectual and educational assessment of children; Pervasive developmental disorders; Attention deficit disorder; Conduct disorder; Anxiety disorders in children and adolescents; Depression.

*Textbooks*

See Departmental handout

**PSYC 3204 Behavioural Neuroscience**

4 credit points. **Semester: 2. Classes: 2 lec & 1 prac/wk. Qualifying: 8 credit points of Intermediate Psychology including PSYC 2111. Assessment: 1.5hr exam, class quiz, poster presentation, class participation.**

*NB: 32 credit points of Senior (thirdyear) Psychology is required for a major*

This unit of study carries on from the Neuroscience component of PSYCH 2111, providing some more specialised coverage in the areas of psychopharmacology, molecular neuroscience, human brain imaging and cognitive neuroscience. Topics to be covered include: Psychopharmacology (basic actions of drugs on the brain, mechanism of action of antidepressant, antipsychotic and anxiolytic drugs, effects of recreational drugs (cannabis, MDMA, alcohol, opiates) on brain, behaviour and cognition); Molecular Neuroscience (effects of drugs on gene expression, the use of knockout mice and antisense techniques); Brain Imaging Technologies (findings in psychiatry and neurology, what we can learn about the fundamentals of brain function from brain imaging) and Cognitive Neuroscience (neural basis of cognitive abnormalities in schizophrenia and other disorders). In the first few weeks of the unit, tutorials consist of demonstrations covering basic neuroanatomy, histology and neuropharmacology. In the latter part of the course, tutorials involve groups of students giving poster presentations of recent 'hot' papers in the neuroscience field.

*Textbooks*

See Departmental Handout

**PSYC 3205 Cognitive Psychology**

4 credit points. **Semester: 1. Classes: 2 lec & 1 tut/wk. Qualifying: PSYC 2112 and 2113. Assessment: Class quiz, laboratory report, multiple choice exam.**

*NB: 32 credit points of Senior (third year) Psychology is required for a major*

This unit of study deals with current research in memory, attention and pattern recognition and is approached in a practical way. Students participate in experiments as subjects and experimenters and are encouraged to think and act as experimenters in order to prepare them for their empirical projects in fourth year honours. In tutorial sessions students are set problems in the derivation of hypotheses from theory and the design of experiments to test these hypotheses.

*Textbooks*

See Departmental Handout

**PSYC 3206 Developmental Psychology**

4 credit points. **Semester: 1. Classes: 2 lec & 1 tut/wk. Qualifying: 8 credit points of Intermediate Psychology. Assessment: 1.5hr exam, tutorial assessments.**

*NB: 32 credit points of Senior (thirdyear) Psychology is required for a major*

This unit of study examines various theoretical approaches to 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 current developmental theory and research. In addition 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 required to apply their knowledge in practical exercises involving observations of children.

*Textbooks*

See Departmental handout.

**PSYC 3208 Intelligence**

4 credit points. **Semester: 2. Classes: 2 lec & 1 tut/wk. Qualifying: PSYC 2112 and 2114. Assessment: 1.5hr exam, tutorial quizzes.**

*NB: 32 credit points of Senior (thirdyear) Psychology is required for a major*

The aim is to provide an overview and critical platform to evaluate recent studies of individual differences in human cognitive abilities. The unit introduces major contemporary issues in individual differences in human abilities and

intelligence. The emphasis of the latter part is on recent work on the topics related to (a) Psychometric research on intelligence; (b) Experimental cognitive correlates approach to intelligence; (c) Biological aspects of intelligence; and (d) the role of metacognitive abilities in intelligence. Some of the work carried out at this University is also discussed.

*Textbooks*

See Departmental handout.

**PSYC 3209 Learning and Motivation**

4 credit points. **Semester: 1. Classes: 2 lec & 1 tut/wk. Qualifying: PSYC 2111 and 2112. Assessment: Report, exam.**

*NB: 32 credit points of Senior (thirdyear) Psychology is required for a major*

PSYC 3209 introduces the fundamental concepts and more important research findings of contemporary learning theory and selected approaches to motivation. It examines the application of such fundamental research to issues such as drug tolerance, food choice, stress, health promotion and risk taking. It is designed to develop skills in reading primary sources in this area; and to provide the opportunity for hands-on experience of planning and carrying out a research project.

*Textbooks*

See Departmental handout.

**PSYC 3210 Perceptual Systems**

4 credit points. **Semester: 2. Classes: 2 hrs lec & 1 hr lab/wk. Qualifying: PSYC 2111 and 2112. Assessment: 1.5hr exam, tutorial assessment.**

*NB: 32 credit points of Senior (thirdyear) Psychology is required for a major*

This unit covers at an advanced level selected topics in Perception from both the psychophysical and neuroscientific perspectives. Students are expected to gain an understanding of the main theoretical perspectives in current research, to appreciate the significance and relevance of basic perceptual research for understanding normal perceptual functioning, and to be able to evaluate the conceptual and empirical worth of research contributions.

**PSYC 3211 Psychological Assessmt. & Organisational**

4 credit points. **Semester: 1. Classes: 2 lec & 1 tut/wk. Qualifying: PSYC 2112 and 2114. Prohibition: May not be counted with PSYC 3207 (except with permission from the Head of Department). Assessment: 1.5hr exam, tutorial evaluation.**

*NB: 32 credit points of Senior (thirdyear) Psychology is required for a major*

The Psychological Assessment component covers fundamental issues in the construction, evaluation and administration of psychological tests with particular emphasis on tests of personality. Students will be given 'hands-on' experience with a variety of psychological instruments including those used for personality, aptitude and clinical assessment. A variety of psychometric 'skills' (eg. calculating reliability, rudiments of scale construction) will also be taught. This component of the unit will conclude with an introduction of state of the art issues in psychological assessment including demonstrations of adaptive and computerised testing and discussion of item response theory (IRT) and confirmatory factor analysis (CFA).

The Organisational Psychology component focuses on performance in the work place and the influence of social factors on such performance. Various aspects of the workplace will be examined, including leadership, workplace conflict, job satisfaction, selection and appraisal.

*Textbooks*

See Departmental handout

**PSYC 3212 Social Psychology**

4 credit points. **Semester: 1. Classes: 2 lec & 1 tut/wk. Qualifying: 8 credit points of Intermediate Psychology including PSYC 2113. Assessment: 1.5hr exam, classwork quiz.**

*NB: 32 credit points of Senior (thirdyear) Psychology is required for a major*

PSYC 3212 continues the coverage of topics in Social Psychology begun in the unit PSYC 2113. The unit is divided into topic areas where the focus is on evaluating theories and the relevant evidence. In any one year approximately four topics will be covered from the following list: affiliation and attraction, social motivation (especially aggression), social cognition, social competence, the impact of aspects of the physical environment on social behaviour, jury decision making, interpersonal communication, and social development through the lifespan. 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 the topics covered in lectures.

#### PSYC 3214 **Communication and Counselling**

4 credit points. **Semester: 2. Classes: 2 lec & 1 tut/wk. Qualifying:** PSYC 2113 and 2114. **Assessment:** 1.5 hour examination, tutorial assessments.

*NB: 32 credit points of Senior (thirdyear) Psychology is required for a major*

The focus of the Communication component is the way in which the meaning communicated by the spoken word is modified by non-lexical features. Topics covered include the three phase structure of communication, conversation structure, prosodic features of speech; paralanguage; and non-vocal communication. These topics are considered in the context of the type of information communicated: knowledge, attitudes, feelings and emotions. Cultural differences in communication are highlighted. Special topics include the concept and role of body language, the detection of deception, and conversational control.

The aims of the Counselling component are to provide an introduction to counselling psychology, to critically examine the theoretical foundations of counselling processes and to consider relevant empirical research. The topics to be covered are: The work of the counsellor: Defining counselling, distinguishing between counselling, education, interviewing and psychotherapy. Goals of counselling. Skills-oriented and stage-oriented models of counselling (eg, Egan's Helping Model), Theoretical Models: The organising principles of counselling, and their status, as variously proposed within the following viewpoints; Psychodynamic theories (Freud and the neo-Freudians), behavioural theories (eg, Wolpe, Skinner, Bandura), cognitive theories (eg, Ellis, Beck), existentialist-humanistic theories (eg, Rogers), Gestalt theories (eg, Perls). More recent approaches (examples to be selected by the lecturer), Integrating theory and skills: Single-model approaches versus forms of eclecticism, Introduction to professional issues: Supervision and ethics.

#### *Recommended Reading*

Corey, G. (1996). *Theory and Practice of Counseling and Psychotherapy*. Pacific Grove, Brooks-Cole.  
Egan, G. (1998). *The Skilled Helper: A Problem Management Approach to Helping*. Pacific Grove, Brooks-Cole.  
Ellis, A. & Beattie G. (1986). *Psychology of Language and Communication*. London, Weidenfeld and Nicol.

## ■ SOFT

#### SOFT 1001 **Software Development 1**

6 credit points. Semester: 1,2. Classes: 1 lec, 2 tut & 3 lab/wk. Assumed knowledge: HSC Mathematics Extension 1. Prohibition: May not be counted with SOFT 1901 or COMP (1001 or 1901).

Computers are highly versatile: the same machine can be used to manage the payroll for an enterprise, or play multi-user games, or predict changing weather activity. The reason is that people can write software that causes the machine to behave in very different ways. This unit is the first in a long sequence that build students' skills in software development. For many students these skills are the key to their employment as IT professionals. The unit introduces object-oriented software development with design-by-contract, which is the state-of-the-art in industry. Java is the programming language used. Students work in small groups, so they experience many of the issues of team interaction that are important in practice. Also, students take responsibility to plan their own learning to meet required objectives, so they will develop skills to learn from resources including reference materials and examples, just as happens in the profession.

#### SOFT 1002 **Software Development 2**

6 credit points. Semester: 1,2. Classes: 1 lec, 2 tut & 3 lab/wk. Qualifying: SOFT (1001 or 1901) or COMP (1001 or 1901). Prohibition: May not be counted with SOFT 1902 or COMP (1002 or 1902).

This unit extends the students' software development skills in several important directions. It covers a number of advanced features of Java programming such as inheritance and recursion. It deals with important issues in using library classes to manage collections of similar objects. It also provides students with experience in design; that is, in choosing which classes to write to respond to a user's demands. Design in group work raises special issues of dealing with conflict and misunderstanding between group members.

#### SOFT 1901 **Software Development 1 (Adv)**

6 credit points. Semester: 1,2. Classes: 1 lec, 2 tut & 3 lab/wk. Assumed knowledge: HSC Mathematics Extension 1. Prerequisite: UAI at least that for acceptance into BSc (Advanced) degree program. Requires departmental permission. Prohibition: May not be counted with SOFT 1001 or COMP (1001 or 1901).

*NB: Permission required for enrolment.*

An advanced alternative to SOFT 1001; covers material at an advanced and challenging level. See the description of SOFT 1001 for more information.

#### SOFT 1902 **Software Development 2 (Adv)**

6 credit points. Semester: 1,2. Classes: 1 lec, 2 tut & 3 lab/wk. Qualifying: Distinction in SOFT (1001 or 1901) or COMP (1001 or 1901). Prohibition: May not be counted with SOFT 1002 or COMP (1002 or 1902).

*NB: Permission required for enrolment.*

An advanced alternative to SOFT 1002; covers material at an advanced and challenging level. See the description of SOFT 1002 for more information.

#### SOFT 2001 **Concurrent Programming**

4 credit points. Semester: 2. Classes: 2 lec & 2 lab/wk. Qualifying: SOFT (1002 or 1902) or COMP (1002 or 1902). Prohibition: May not be counted with SOFT 2901.

There are many sorts of computing infrastructure such as an operating system kernel or network protocol stack or Web server, where one activity may start before other activities have finished. This requires the software to interleave the processing from different activities. This software is called 'concurrent' or 'multithreaded', and it requires special programming techniques which are taught in this unit. In particular, there is a need to synchronise the activities when they deal with shared data, using primitives such as semaphores or mutual exclusion locks. Emphasis is also given to a similar 'event-handling' style for writing graphical user interfaces.

#### SOFT 2004 **Software Development Methods 1**

4 credit points. Semester: 1. Classes: 2 lec & 2 lab/wk. Qualifying: SOFT (1002 or 1902) or COMP (1002 or 1902). Prohibition: May not be counted with SOFT 2904 or COMP (2004 or 2904).

In this unit of study we cover elementary methods for developing robust, efficient, and re-usable software. Specific topics include memory management and the pragmatic aspects of implementing data structures such as lists and hash tables. Debugging tools and techniques are discussed and common programming errors are considered along with defensive programming techniques to avoid such errors. Testing regimes, such as regression testing, are introduced. The subject is taught from a practical engineering viewpoint and it includes a considerable amount of programming practice, using existing tools as building blocks to complete a large-scale task.

#### SOFT 2901 **Concurrent Programming (Adv)**

4 credit points. Semester: 2. Classes: 2 lec & 2 lab/wk. Qualifying: Distinction in [SOFT (1002 or 1902 or 2004 or 2904) or COMP (1002 or 1902)]. Prohibition: May not be counted with SOFT 2001.

An advanced alternative to SOFT 2001; covers material at an advanced and challenging level. See the description of SOFT 2001 for more information.

#### SOFT 2904 **Software Development Methods 1 (Adv)**

4 credit points. Semester: 1. Classes: 2 lec & 2 lab/wk. Qualifying: Distinction in [SOFT (1002 or 1902 or 2001 or 2901) or COMP (1002 or 1902)]. Prohibition: May not be counted with SOFT 2004 or COMP (2004 or 2904).

In this unit of study we learn elementary methods for developing robust, efficient, and re-usable software. An advanced alternative to SOFT 2004; covers material at an advanced and challenging level. See the description of SOFT 2004 for more information.

## ■ STAT

#### STAT 2001 **Statistical Distributions**

4 credit points. Semester: 1. Classes: 2 lec & 1 tut/wk. Prerequisite: MATH (1001 or 1901 or 1906 or Credit in 1011) and [MATH (1005 or 1905 or 1015) or MATH (1004 or 1904)]. Prohibition: May not be counted with STAT 2901. Assessment: 2hr exam, assignments, tutorial participation. Distribution theory for discrete and continuous random variables, providing the probabilistic basis for the treatment of samples.

**STAT 2002 Data Analysis**

4 credit points. Semester: 1. Classes: 2 lec & 1 tut & 1 computer lab/wk. Prerequisite: MATH 1005 or 1905 or 1015 (or STAT 1021 for Arts students). Assessment: 2hr exam, quizzes, tutorial participation, one 1 hr computer practical exam.

Exploratory data analysis, simulation, bootstrapping and an introduction to the use of a statistical computing package.

**STAT 2003 Estimation Theory**

4 credit points. Semester: 2. Classes: 2 lec & 1tut/wk. Prerequisite: STAT 2001 or 2901. Prohibition: May not be counted with STAT 2903. Assessment: 2hr exam, assignments.

Bivariate distribution theory, estimation, dependence, maximum likelihood estimation and sampling theory.

**STAT 2004 Hypothesis Testing**

4 credit points. Semester: 2. Classes: 2 lec & 1 tut & 1 computer lab/wk. Prerequisite: STAT 2002. Assessment: 2hr exam, quizzes, computer lab participation, one 1 hr computer practical exam.

Tests of hypotheses about Normal models, including Analysis of Variance, non parametric tests, and regression theory.

**STAT 2901 Introduction to Probability (Advanced)**

4 credit points. Semester: 1. Classes: 2 lec & 2 tut/wk. Prerequisite: MATH (1903 or 1907 or Credit in 1003) and MATH (1905 or Credit in 1005). Prohibition: May not be counted with STAT 2001. Assessment: 2hr exam, assignments.

Topics in STAT 2001 are treated at an Advanced level, with extensions. Introduction to the use of generating functions.

**STAT 2903 Esti mation Theory (Advanced)**

4 credit points. Semester: 2. Classes: 2 lec & 2tut/wk. Prerequisite: STAT 2901 or Credit in STAT 2001. Prohibition: May not be counted with STAT 2003. Assessment: 2hr exam, assignments.

Topics in STAT 2003 are treated at an Advanced level, with extensions.

**STAT 3001 Distribution Theory and Inference**

4 credit points. Semester: 1. Classes: 2 lec & 1 tut/wk. Prerequisite: MATH (1003 or 1903 or 1907) and STAT (2003 or 2903). Prohibition: May not be counted with STAT 3901. Assessment: One 2hr exam, assignments.

Multivariate distribution theory and linear transformations of variables. Properties of estimators, uniformly most powerful tests and likelihood ratio tests.

**STAT 3002 Applied Linear Models**

4 credit points. Semester: 1. Classes: 2 lec & 1 tut & 1 computer lab/wk. Prerequisite: STAT 2004 (or STAT 1022 for Arts students) and MATH (1002 or 1902). Prohibition: May not be counted with STAT 3902. Assessment: One 2hr exam, assignments, one 1 hr computer practical exam.

Multiple regression diagnostics, principal components, MANOVA, discriminant analysis.

**STAT 3003 Time Series Analysis**

4 credit points. Semester: 1. Classes: 2 lec & 1 tut & 1 computer lab/wk. Prerequisite: STAT 2003 or 2903. Assessment: One 2hr exam, assignments.

Modelling and analysing time-dependent situations containing some dependence structure, ARMA models.

**STAT 3004 Design of Experiments**

4 credit points. Semester: 2. Classes: 2 lec & 1 tut & 1 computer lab/wk. Prerequisite: STAT 3002 or 3902. Assessment: One 2hr exam, assignments, one 1 hr computer practical exam.

Design and analysis of controlled comparative experiments, block designs, Latin squares, split-plot designs, 2<sup>n</sup> factorial designs.

**STAT 3005 Applied Stochastic Processes**

4 credit points. Semester: 2. Classes: 2 lec & 1 tut/wk. Prerequisite: MATH (1003 or 1903 or 1907) and STAT (2001 or 2901). Prohibition: May not be counted with STAT 3905. Assessment: One 2hr exam, assignments.

Discrete and continuous time Markov chains, introduction to Brownian motion.

**STAT 3006 Sampling Theory and Categorical Data**

4 credit points. Semester: 2. Classes: 2 lec, 1 tut & 1 computer lab/wk. Prerequisite: STAT 2003 or 2903. Assessment: One 2hr exam, assignments.

Sampling without replacement, stratified sampling, ratio estimation, systematic and cluster sampling, contingency tables, log linear models.

**STAT 3901 Statistical Theory (Advanced)**

4 credit points. Semester: 1. Classes: 2 lec & 2 tut /wk. Prerequisite: (MATH 2001 or 2901) and STAT 2903. Prohibition: May not be counted with STAT 3001. Assessment: One 2hr exam, assignments.

Topics in STAT 3001 are treated at an Advanced level, with extensions.

**STAT 3902 Linear Models (Advanced)**

4 credit points. Semester: 1. Classes: 2 lec, 1 tut & 1 computer lab/wk. Prerequisite: STAT 2004 and (STAT 2903 or Credit in 2003) and (MATH 2002 or 2902). Prohibition: May not be counted with STAT 3002.

Assessment: One 2hr exam, assignments, one 1 hr computer practical exam.

Topics in STAT 3002 are treated at an Advanced level, with extensions.

**STAT 3905 Markov Processes (Advanced)**

4 credit points. Semester: 2. Classes: 2 lec & 2 tut /wk. Prerequisite: STAT 2901 or (Credit in STAT 2001 and MATH (1003 or 1903 or 1907)). Prohibition: May not be counted with STAT 3005. Assessment: One 2hr exam, assignments.

Topics in STAT 3005 are treated at an Advanced level, with extensions.

**STAT 3907 Multivariate Analysis (Advanced)**

4 credit points. Semester: 2. Classes: 2 lec, 1 tut/wk. Prerequisite: STAT 3902 and either STAT 3001 or 3901. Assessment: One 2hr exam, assignments.

*NB: Permission required for enrolment. This unit is only offered in odd years.*

This unit of study studies the analysis of data on several variables measured simultaneously.

# 7 Regulations and policies relating to degrees

## ■ University of Sydney (Coursework) Rule 2000

Under The University of Sydney By-law 1999 The Senate of The University of Sydney has approved the following Rule pursuant to section 37(1) of The University of Sydney Act 1989 for the purposes of The University of Sydney By-law 1999.

This Rule:

- (a) takes effect from 1 January 2001 in accordance with section 37(2) of The University of Sydney Act 1989; and
- (b) repeals and replaces The University of Sydney (Undergraduate Courses) Rule 1999.

William Adams, Registrar  
Dated 6 December 2000.

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## Preliminary

### 1. Commencement and purpose of Rule

- (1) This Rule is made by the Senate pursuant to section 37(1) of the University of Sydney Act 1989 for the purposes of the University of Sydney By-law 1999.
- (2) This Rule comes into force on 1 January 2001.

- (3) This Rule governs all coursework award courses in the University. It is to be read in conjunction with the University of Sydney (Amendment Act) Rule 1999 and the Resolutions of the Senate and the faculty resolutions relating to each award course in that faculty.

## Rules relating to coursework award courses

### 1. Definitions

In this Rule:

*award course* means a formally approved program of study which can lead to an academic award granted by the University.

*coursework* means 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, supervised research, other forms of instruction and learning normally will be dominant. All undergraduate award courses are coursework award courses;

*credit* means advanced standing based on previous attainment in another award course at the University or at another institution. The advanced standing is expressed as credit points granted towards the award course. Credit may be granted as specific credit or non-specific credit.

*Specific credit* means the recognition of previously completed studies as directly equivalent to units of study.

*Non-specific credit* means 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;

*credit points* mean a measure of value indicating the contribution each unit of study provides towards meeting award course completion requirements stated as a total credit point value;

*dean* means the dean of a faculty or the director or principal of an academic college or the chairperson of a board of studies;

*degree* means a degree at the level of bachelor or master for the purpose of this Rule;

*embedded courses/programs* means award courses in the graduate certificate / graduate diploma / master's degree by coursework sequence which allow unit of study credit points to count in more than one of the awards;

*faculty* means a faculty, college board, a board of studies or the Australian Graduate School of Management Limited as established in each case by its constitution and in these Rules refers to the faculty or faculties responsible for the award course concerned;

*major* means a defined program of study, generally comprising specified units of study from later stages of the award course;

*minor* means a defined program of study, generally comprising units of study from later stages of the award course and requiring a smaller number of credit points than a major;

*postgraduate award course* means an award course leading to the award of a graduate certificate, graduate diploma, degree of master or a doctorate. Normally, a postgraduate award course requires the prior completion of a relevant undergraduate degree or diploma.

*research award course* means an award course in which students undertake and report systematic, creative work in order to increase the stock of knowledge. The research award courses offered by the University are: higher doctorate, Doctor of Philosophy, doctorates by research and advanced coursework, and certain degrees of master designated as research degrees. The systematic, creative component of a research award course must comprise at least 66% of the overall award course requirements;

*stream* means a defined program of study within an award course, which requires the completion of a program of study specified by the award course rules for the particular stream, in addition to the core program specified by award course rules for the award course.

*student* means a person enrolled as a candidate for a course;

*testamur* means a certificate of award provided to a graduate, usually at a graduation ceremony;

*transcript* or *academic transcript* means a printed statement setting out a student's academic record at the University;

*unit of study* means the smallest stand-alone component of a student's award course that is recordable on a student's transcript. Units of study have an integer credit point value, normally in the range 3-24;

*undergraduate award course* means an award course leading to the award of an associate diploma, diploma, advanced diploma or degree of bachelor.

## 2. Authorities and responsibilities

- (1) Authorities and responsibilities for the functions set out in this Rule are also defined in the document *Academic Delegations of Authority*. The latter document sets out the mechanisms by which a person who has delegated authority may appoint an agent to perform a particular function.
- (2) The procedures for consideration of, and deadlines for submission of, proposals for new and amended award courses will be determined by the Academic Board.

## Division 1 - Award course requirements, credit points and assessment

### 3. Award course requirements

- (1) To qualify for the award of a degree, diploma or certificate, a student must:
  - (a) complete the award course requirements specified by the Senate for the award of the degree, diploma or certificate concerned;
  - (b) complete any other award course requirements specified by the Academic Board on the recommendation of the faculty and published in the faculty resolutions relating to the award course;
  - (c) complete any other award course requirements specified by the faculty in accordance with its delegated authority and published in the faculty resolutions relating to the award course; and
  - (d) satisfy the requirements of all other relevant by-laws, rules and resolutions of the University.

### 4. Units of study and credit points

- (1) (a) A unit of study comprises the forms of teaching and learning approved by a faculty. Where the unit of study is being provided specifically for an award course which is the responsibility of another faculty, that faculty must also provide approval.
- (b) Any faculty considering the inclusion of a unit of study in the tables of units available for an award course for which it is responsible may review the forms of teaching and learning of that unit, may consult with the approving faculty about aspects of that unit and may specify additional conditions with respect to inclusion of that unit of study.
- (2) A student completes a unit of study if the student:
  - (a) participates in the learning experiences provided for the unit of study;
  - (b) meets all examination, assessment and attendance requirements for the unit of study; and
  - (c) passes the required assessments for the unit of study.
- (3) Each unit of study is assigned a specified number of credit points by the faculty responsible for the unit of study.
- (4) The total number of credit points required for completion of an award course will be as specified in the Senate resolutions relating to the award course.
- (5) The total number of credit points required for completion of award courses in an approved combined award course will be specified in the Senate or faculty resolutions relating to the award course.
- (6) A student may, under special circumstances, and in accordance with faculty resolutions, be permitted by the relevant dean to undertake a unit or units of study other than those specified in the faculty resolutions relating to the award course and have that unit or those units of study counted towards fulfilling the requirements of the award course in which the student is enrolled.

### 5. Unit of study assessment

- (1) A student who completes a unit of study will normally be awarded grades of high distinction, distinction, credit or pass, in accordance with policies established by the Academic Board. The grades high distinction, distinction and credit indicate work of a standard higher than that required for a pass.

- (2) A student who completes a unit of study for which only a pass/fail result is available will be recorded as having satisfied requirements.
- (3) In determining the results of a student in any unit of study, the whole of the student's work in the unit of study may be taken into account.
- (4) Examination and assessment in the University are conducted in accordance with the policies and directions of the Academic Board.

## 6. Attendance

- (1) A faculty has authority to specify the attendance requirements for courses or units of study in that faculty. A faculty must take into account any University policies concerning modes of attendance, equity and disabled access.
- (2) A faculty has authority to specify the circumstances under which a student who does not satisfy attendance requirements may be deemed not to have completed a unit of study or an award course.

## Division 2 - Enrolment

### 7. Enrolment restrictions

- (1) A student who has completed a unit of study towards the requirements of an award course may not re-enrol in that unit of study, except as permitted by faculty resolution or with the written permission of the dean. A student permitted to re-enrol may receive a higher or lower grade, but not additional credit points.
- (2) Except as provided in sub-section (1), a student may not enrol in any unit of study which overlaps substantially in content with a unit that has already been completed or for which credit or exemption has been granted towards the award course requirements.
- (3) A student may not enrol in units of study additional to award course requirements without first obtaining permission from the relevant dean.
- (4) Except as prescribed in faculty resolutions or with the permission of the relevant dean:
  - (a) a student enrolled in an undergraduate course may not enrol in units of study with a total value of more than 32 credit points in any one semester, or 16 credit points in the summer session; and
  - (a) a student enrolled in a postgraduate award course may not enrol in units of study with a total value of more than 24 credit points in any one semester, or 12 credit points in the summer session.

## Division 3 - Credit, cross-institutional study and their upper limits

### 8. Credit for previous studies

- (1) Students may be granted credit on the basis of previous studies.
- (2) Notwithstanding any credit granted on the basis of work completed or prior learning in another award course at the University of Sydney or in another institution, in order to qualify for an award a student must:
  - (a) for undergraduate award courses, complete a minimum of the equivalent of two full-time semesters of the award course at the University; and
  - (b) for postgraduate award courses, complete at least fifty percent of the requirements prescribed for the award course at the University.
 These requirements may be varied where the work was completed as part of an embedded program at the University or as part of an award course approved by the University in an approved conjoint venture with another institution.
- (3) The credit granted On the basis of work completed at an institution other than a university normally should not exceed one third of the overall award course requirements.
- (4) A faculty has authority to establish embedded academic sequences in closely related graduate certificate, graduate diploma and master's degree award courses. In such embedded sequences, a student may be granted credit for all or some of the units of study completed in one award of the sequence towards any other award in the sequence, irrespective of whether or not the award has been conferred.
- (5) In an award course offered as part of an approved conjoint venture the provisions for the granting of credit are prescribed in the Resolutions of the Senate and the faculty resolutions relating to that award course.



### 9. Cross-institutional study

- (1) The relevant dean may permit a student to complete a unit or units of study at another university or institution and have that unit or those units of study credited to the student's award course.
- (2) The relevant dean has authority to determine any conditions applying to cross-institutional study.

### Division 4 - Progression

#### 10. Repeating a unit of study

- (1) A student who repeats a unit of study shall, unless granted exemption by the relevant dean:
  - (a) participate in the learning experiences provided for the unit of study; and
  - (b) meet all examination, assessment and attendance requirements for the unit of study.
- (2) A student who presents for re-assessment in any unit of study is not eligible for any prize or scholarship awarded in connection with that unit of study without the permission of the relevant dean.

#### 11. Time limits

A student must complete all the requirements for an award course within ten calendar years or any lesser period if specified by Resolution of the Senate or the faculty.

### Division 5 - Discontinuation of enrolment and suspension of candidature

#### 12. Discontinuation of enrolment

- (1) A student who wishes to discontinue enrolment in an award course or a unit of study must apply to the relevant dean and will be presumed to have discontinued enrolment from the date of that application, unless evidence is produced showing:
  - (a) that the discontinuation occurred at an earlier date; and
  - (b) that there was good reason why the application could not be made at the earlier time.
- (2) A student who discontinues enrolment during the first year of enrolment in an award course may not re-enrol in that award course unless:
  - (a) the relevant dean has granted prior permission to re-enrol; or
  - (b) the student is reselected for admission to candidature for that course.
- (3) No student may discontinue enrolment in an award course or unit of study after the end of classes in that award course or unit of study, unless he or she produces evidence that:
  - (a) the discontinuation occurred at an earlier date; and
  - (b) there was good reason why the application could not be made at the earlier time.
- (4) A discontinuation of enrolment may be recorded as *Withdrawn (W)* or *Discontinued Not To Count As Failure (DNF)* where that discontinuation occurs within the time-frames specified by the University and published by the faculty, or where the student meets other conditions as specified by the relevant faculty.

#### 13. Suspension of candidature

- (1) A student must be enrolled in each semester in which he or she is actively completing the requirements for the award course. A student who wishes to suspend candidature must first obtain approval from the relevant dean.
- (2) The candidature of a student who has not re-enrolled and who has not obtained approval from the dean for suspension will be deemed to have lapsed.
- (3) A student whose candidature has lapsed must apply for re-admission in accordance with procedures determined by the relevant faculty.
- (4) A student who enrolls after suspending candidature shall complete the requirements for the award course under such conditions as determined by the dean.

### Division 6 - Unsatisfactory progress and exclusion

#### 14. Satisfactory progress

A faculty has authority to determine what constitutes satisfactory progress for all students enrolled in award courses in that faculty, in accordance with the policies and directions of the Academic Board.

#### 15. Requirement to show good cause

- (1) For the purposes of this Rule, *good cause* means circumstances beyond the reasonable control of a student, which may include serious ill health or misadventure, but does not include demands of employers, pressure of

employment or time devoted to non-University activities, unless these are relevant to serious ill health or misadventure. In all cases the onus is on the student to provide the University with satisfactory evidence to establish good cause. The University may take into account relevant aspects of a student's record in other courses or units of study within the University and relevant aspects of academic studies at other institutions provided that the student presents this information to the University.

- (2) The relevant dean may require a student who has not made satisfactory progress to show good cause why he or she should be allowed to re-enrol.
- (3) The dean will permit a student who has shown good cause to re-enrol.

#### 16. Exclusion for failure to show good cause

The dean may, where good cause has not been established:

- (1) exclude the student from the relevant course; or
- (2) permit the student to re-enrol in the relevant award course subject to restrictions on units of study, which may include, but are not restricted to:
  - (a) completion of a unit or units of study within a specified time;
  - (b) exclusion from a unit or units of study, provided that the dean must first consult the head of the department responsible for the unit or units of study; and
  - (c) specification of the earliest date upon which a student may re-enrol in a unit or units of study.

#### 17. Applying for re-admission after exclusion

- (1) A student who has been excluded from an award course or from a unit or units of study may apply to the relevant dean for readmission to the award course or re-enrolment in the unit or units of study concerned after at least 4 semesters, and that dean may readmit the student to the award course or permit the student to re-enrol in the unit or units of study concerned.
- (2) With the written approval of the relevant dean, a student who has been excluded may be given credit for any work completed elsewhere in the University or in another university during a period of exclusion.

#### 18. Appeals against exclusion

- (1) In this Rule a reference to the Appeals Committee is a reference to the Senate Student Appeals Committee (Exclusions and Readmissions).
- (2) (a) (i) A student who has been excluded in accordance with this Rule may appeal to the Appeals Committee.
  - (ii) A student who has applied for readmission to an award course or re-enrolment in a unit of study after a period of exclusion, and who is refused readmission or re-enrolment may also apply to the Appeals Committee.
- (b) The Appeals Committee shall comprise:
  - (i) 3 *ex officio* members (the Chancellor, the Deputy Chancellor and the Vice-Chancellor and Principal);
  - (ii) the Chair and Deputy Chairs of the Academic Board;
  - (iii) 2 student Fellows; and
  - (iv) up to 4 other Fellows.
- (c) The Appeals Committee may meet as one or more sub-committees providing that each sub-committee shall include at least 1 member of each of the categories of:
  - (i) *ex officio* member;
  - (ii) Chair or Deputy Chair of the Academic Board;
  - (iii) student Fellow; and
  - (iv) other Fellows.
- (d) Three members shall constitute a quorum for a meeting of the Appeals Committee or a sub-committee.
- (e) The Appeals Committee and its sub-committees have authority to hear and determine all such appeals and must report its decision to the Senate annually.
- (f) The Appeals Committee or a sub-committee may uphold or disallow any appeal and, at its discretion, may determine the earliest date within a maximum of four semesters at which a student who has been excluded shall be permitted to apply to re-enrol.
- (g) No appeal shall be determined without granting the student the opportunity to appear in person before the Appeals Committee or sub-committee considering the appeal. A student so appearing may be accompanied by a friend or adviser.

(h) The Appeals Committee or sub-committee may hear the relevant dean but that dean may only be present at those stages at which the student is permitted to be present. Similarly, the dean is entitled to be present when the Committee or sub-committee hears the student.

(i) If, due notice having been given, a student fails to attend a meeting of the Appeals Committee or sub-committee scheduled to consider that student's appeal, the Appeals Committee or sub-committee, at its discretion, may defer consideration of the appeal or may proceed to determine the appeal.

(j) A student who has been excluded in accordance with these resolutions and has lodged a timely appeal against that exclusion may re-enrol pending determination of that appeal if it has not been determined by the commencement of classes in the next appropriate semester.

## Division 7 - Exceptional circumstances

### 19. Variation of award course requirements in exceptional circumstances

The relevant dean may vary any requirement for a particular student enrolled in an award course in that faculty where, in the opinion of the dean, exceptional circumstances exist.

## Division 8 - Award of degrees, diplomas and certificates

### 20. Classes of award

- (1) Undergraduate diplomas may be awarded in five grades - pass, pass with merit, pass with distinction, pass with high distinction or honours.
- (2) Degrees of bachelor may be awarded in two grades - pass or honours.
- (3) Graduate diplomas and graduate certificates may be awarded in one grade only—pass.
- (4) Degrees of master by coursework may be awarded three grades - pass, pass with merit or honours.

### 21. Award of the degree of bachelor with honours

- (1) The award of honours is reserved to indicate special proficiency. The basis on which a student may qualify for the award of honours in a particular award course is specified in the faculty resolutions relating to the course.
- (2) Each faculty shall publish the grading systems and criteria for the award of honours in that faculty.
- (3) Classes which may be used for the award of honours are:
  - First Class
  - Second Class/Division 1
  - Second Class/Division 2
  - Third Class.
- (4) With respect to award courses which include an additional honours year:
  - (a) a student may not graduate with the pass degree while enrolled in the honours year;
  - (b) on the recommendation of the head of the department concerned, a dean may permit a student who has been awarded the pass degree at a recognised tertiary institution to enrol in the honours year in that faculty;
  - (c) faculties may prescribe the conditions under which a student may enrol part-time in the honours year;
  - (d) a student who fails or discontinues the honours year may not re-enrol in it, except with the approval of the dean.

### 22. University Medal

An honours bachelor's degree student with an outstanding academic record throughout the award course may be eligible for the award of a University medal, in accordance with Academic Board policy and the requirements of the faculty resolutions relating to the award course concerned.

### 23. Award of the degree of master with honours or merit

The award of honours or pass with merit is reserved to indicate special proficiency or particular pathways to completion. The basis on which a student may qualify for the award of honours or the award with merit in a particular degree is specified in the faculty resolutions relating to that degree.

### 24. Transcripts and testamurs

- (1) A student who has completed an award course or a unit of study at the University will receive an academic transcript upon application and payment of any charges required.
- (2) Testamurs may indicate streams or majors or both as specified in the relevant faculty resolutions.

## Division 9 - Transitional provisions

### 25. Application of this Rule during transition

This Rule applies to all candidates for degrees, diplomas and certificates who commence candidature after 1 January 2001. Candidates who commenced candidature prior to this date may choose to proceed in accordance with the resolutions of the Senate in force at the time they enrolled, except that the faculty may determine specific conditions for any student who has re-enrolled in an award course after a period of suspension.

## ■ Resolutions of the Senate

### Constitution of the Faculty of Education

1. The Faculty of Education shall comprise the following persons:
  - (a) the professors, readers, associate professors, senior lecturers, lecturers and associate lecturers, being full-time or fractional (half-time or greater), whether permanent or temporary (contract), members of the teaching staff of the schools in the Faculty of Education;
  - (b) honorary professors, honorary associate professors, honorary readers, honorary senior lecturers, honorary lecturers and honorary associate lecturers in the Faculty of Education;
  - (c) such other persons, if any, being full-time members of the research staff of the schools in the Faculty holding appointments of research fellow and above;
  - (d) the Dean of the Faculty of Arts, or the Dean's nominee, and not more than four members of the academic staff of the Faculty of Arts nominated by the Faculty of Arts;
  - (e) the Dean of the Faculty of Economics and Business, or the Dean's nominee, and not more than two members of the academic staff of the Faculty of Economics and Business nominated by the Faculty of Economics and Business;
  - (f) the Dean of the Faculty of Science, or the Dean's nominee, and not more than three members of the academic staff of the Faculty of Science nominated by the Faculty of Science;
  - (g) not more than one member from the academic staff of each of the Boards of Studies in Music and Social Work nominated by the respective board of studies;
  - (h) the Director of the Sydney Conservatorium of Music or the Director's nominee;
  - (i) the Director of the Sydney College of the Arts or the Director's nominee;
  - (j) the Director of the Koori Centre or the Director's nominee;
  - (k) not more than five members of the part-time teaching staff of the schools in the Faculty appointed by the Faculty of Education;
  - (l) not more than five persons with appropriate experience in the field of education, being persons other than members of the schools in the Faculty, as may be appointed by the Faculty and for such period as it may determine;
  - (m) four persons, being members of the administrative staff of the Faculty of Education, who, in the opinion of the Faculty, have a close and appropriate association with its work of teaching and research;
  - (n) not more than eight students elected annually in the manner prescribed by resolution of the Senate; and
  - (o) the Dean of the Faculty of Education at the University of Melbourne, or the Dean's nominee.

### Schools

The Schools referred to in the resolutions are:

- (a) School of Policy and Practice; and
  - (b) School of Development and Learning
- which the Vice-Chancellor has determined shall be placed under the supervision of the Faculty of Education.

### Degrees, diplomas and certificates in the Faculty of Education

1. The degrees in the Faculty of Education shall be:
  - (a) Bachelor of Education (BEEd);
  - (b) Bachelor of Teaching (BTeach);
  - (c) Master of Teaching (MTeach);
  - (d) Master of Education (MEd);
  - (e) Master of Philosophy in Education (MPhilEd);
  - (f) Doctor of Philosophy (PhD);
  - (g) Doctor of Education (EdD).

2. (1) 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:

- (a) Bachelor of Education (Primary Education);
- (b) Bachelor of Education (Secondary Education: Human Movement and Health Education)
- (c) Bachelor of Education (Secondary Education: Humanities and Social Sciences)/Bachelor of Arts
- (d) Bachelor of Education (Secondary Education: Science)/ Bachelor of Science
- (e) Bachelor of Education (Secondary Education: Mathematics)/ Bachelor of Science
- (f) Bachelor of Education (Secondary Education: Humanities and Social Sciences)
- (g) Bachelor of Education (Secondary Education: Mathematics)
- (h) Bachelor of Education (Secondary Education: Science)
- (i) Bachelor of Education (Secondary Education: Design and Technology)
- (j) Bachelor of Education (Secondary Education)/ Bachelor of Science (Psychology)
- (k) Bachelor of Education (Secondary Education)/ Bachelor of Arts (Psychology)
- (l) Bachelor of Education (Secondary Education: Aboriginal Studies)

- (2) The degree of Master of Education may be awarded in the following designated areas of study:

- (a) Management and Human Resource Development;
- (b) Teaching English to Speakers of other Languages/ Languages;
- (c) Teaching and Curriculum Studies;
- (d) Information Technology in Education;
- (e) Special Education;
- (f) Educational Psychology;
- (g) English, Literacy and Drama in Education;
- (h) Health Education;
- (i) Research Methodology; and
- (j) Vocational Education and Training.

The certificates for the degrees shall specify the area of study in which the degrees have been awarded.

3. The diplomas and certificates in the Faculty of Education shall be:
- (a) Graduate Diploma in Educational Studies (GradDipEdStud)
  - (b) Graduate Diploma in International Education (GradDipEdIntEd)
  - (c) Graduate Diploma in the Teaching of English as a Foreign Language (GradDipTEFL)
  - (d) Graduate Certificate in Educational Studies (GradCertEdStud)
  - (e) Graduate Certificate in Educational Studies (Higher Education) (GradCertEdStud(Higher Education))
  - (f) Graduate Certificate in International Education (GradCertIntEd)
  - (g) Graduate Certificate in Teaching English as a Foreign Language (GradCertTEFL)
- In the case of the Graduate Diploma in Educational Studies, the certificate for the diploma shall specify the area of study in which the diploma has been awarded.

## Bachelor of Education

These Resolutions must be read in conjunction with the University of Sydney (Coursework) Rule 2000, which set out the requirements for all undergraduate courses, and the relevant Faculty Resolutions.

### 1. Requirements for the Pass degree

- To qualify for award of the pass degree candidates must
- (a) unless otherwise stated in these resolutions, complete successfully units of study giving credit for a total of 192 credit points; and
  - (b) satisfy the requirements of all other relevant By-Laws, Rules and Resolutions of the University

### 2. Streams

The degree of Bachelor of Education will be awarded in the following specialisations:

Primary Education

- (a) Secondary Education: Humanities and Social Sciences
- (b) Secondary Education: Human Movement and Health Education

- (c) Secondary Education: Mathematics
- (d) Secondary Education: Science
- (e) Secondary Education: Design and Technology
- (f) Secondary Education: Aboriginal Studies

The degree of Bachelor of Education will also be awarded as a combined course with the degrees listed as follows:

- (a) Secondary Education: Humanities and Social Sciences/ Bachelor of Arts
- (b) Secondary Education: Science/Bachelor of Science
- (c) Secondary Education: Mathematics/Bachelor of Science
- (d) Secondary Education/Bachelor of Arts (Psychology)
- (e) Secondary Education/Bachelor of Science (Psychology)

### 3. Requirements for the Honours degree

To qualify for award of the honours degree candidates must complete the honours requirements published in the Faculty resolutions relating to the course.

### 4. Requirements for the Combined Degrees

To qualify for award of the two degrees in a combined degree course, candidates must complete the requirements published in these and other relevant faculty resolutions relating to the course.

## ■ Resolutions of the Faculty of Education relating to the Bachelor of Education and combined degrees

### Section 1

#### 1. Definitions

In these resolutions, unless a contrary intention appears:

'area' means a specialised curriculum area within a field of study in education (mathematics, humanities and social sciences, human movement and health, and technological and applied studies);

'candidate' means a candidate for the degree of Bachelor of Education;

'degree' means the degree of Bachelor of Education;

'field of study' means the field in which the degree is studied (primary education and/or secondary education);

'Faculty' means the Faculty of Education;

'non-professional subject' means a subject not offered by the Faculty of Education;

'program of study' means a program of study established under resolutions specified within each field of study in education;

'requirements' means the coursework requirements for award of the degree of Bachelor of Education;

a 'unit of study' shall consist of such seminars, lectures, tutorial instruction, essays, exercises and practical work as may be prescribed by the Faculty. In these resolutions 'to complete a unit of study' and derivative expressions means:

- to attend the lectures and the meetings, if any, for seminars or tutorial instruction;
- to complete satisfactorily the essays, exercises and the practical work, if any; and
- to pass the examinations of the unit of study;

'year' means the chronological year in which specified requirements for candidature for the degree must be undertaken and/or completed.

'professional experience' means school observations, practicum, practice teaching or internship in a school or other educational context

#### 2. Pass degree and degree with Honours

(a) The degree of Bachelor of Education shall be awarded in two grades, namely, the Pass degree and the degree with Honours.

(b) There shall be three classes of Honours, namely, Class I, Class II and Class III and within Class II there shall be 2 divisions, namely division 1 and division 2.

(c) Candidates for the Honours degree may be awarded the Pass degree.

#### 3. Units of study of enrolment undertaken in other faculties

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**

- (1) These resolutions shall apply to:
- persons who commence their candidature after 1 January 2002; and
  - persons who commenced their candidature prior to 1 January 2002 and who, with permission of Faculty, elect to proceed under these resolutions.
- (2) A candidate for the degree who commenced candidature prior to 1 January 2002 may complete the requirements in accordance with the resolutions of the Senate in force at the time the candidate commenced, provided that the candidate shall complete the requirements by 1 January 2006 or such later date as the Faculty may, in special circumstances, approve.

- (a) One unit or two units of study chosen from the following:
- Senior, 200 or 300 level, units of study, with a total value of 16 credit points, offered by a department or school within the Faculty of Arts; or
  - Intermediate or Senior one semester units of study with a total value of 16 credit points, offered by departments or schools within the Faculty of Science; or
  - Second or Third Year one-semester units of study with a total unit value of 16 credit points, offered by a department or school within the Faculty of Economics and Business; or
- (b) A Special unit of study (Primary) selected from the table of units of study and approved by the Faculty of Education; or
- (c) For students undertaking the Faculty of Education Honours program, Special unit of study Honours A (8 credit points) and Special unit of study Honours B (8 credit points).

**Programs of study****Pass degree****5. Primary Education**

Except with the permission of the Faculty, a candidate for the degree in Primary Education shall complete the following program of units of study:

*Year I*

- EDUF 1011 and EDUF 1012;
- Science Foundations A and Science Foundations B;
- Junior, 100 level, units of study comprising a full year of study in a subject area with a total value of 12 credit points, offered by a department or school within the Faculty of Arts; and
- Either:
  - Junior, 100 level, units of study, comprising a full year of study in a subject area, with a total value of 12 credit points, offered by a department or school within the Faculty of Arts; or
  - Junior units of study, comprising a full year of study in a subject area, with a total value of 12 credit points, offered by a department or school within the Faculty of Science; or
  - First Year units of study, comprising a full year of study in a subject area, with a total value of 12 credit points, offered by a department or school within the Faculty of Economics and Business.

*Year II*

- Senior, 200 level, units of study in Education taken from those listed in the table of units of study, with a total value of 16 credit points;
- Program of 200 level units of study in Curriculum taken from those listed in the table of units of study, comprising a full year of study and with a total value of 16 credit points; and
- Either:
  - Senior, 200 level units of study, comprising a full year of study in a subject area, with a total value of 16 credit points, offered by a department or school within the Faculty of Arts; or
  - Intermediate units of study, comprising a full year of study in a subject area, with a total value of 16 credit points, offered by a department or school within the Faculty of Science; or
  - Second Year units of study, comprising a full year of study in a subject area, with a total value of 16 credit points, offered by a department or school within the Faculty of Economics and Business.

*Year III*

- Senior, 300 level, units of study in Education taken from those listed in the table of units of study, with a total minimum value of 16 credit points; Honours students enrol in EDUF 3205 (4 credit points) and EDUF 3206 (4 credit points) as two of their four options;
- Program of Senior, 300 level, units of study in Curriculum taken from those listed in the table of units of study, comprising a full year of study and with a total minimum value of 32 credit points, 12 credit points of which shall be for Professional Experience.

*Year IV*

- Program of Senior, 400 level, units of study in Curriculum taken from those listed in the table of units of study, comprising a full year of study and with a total minimum value of 32 credit points, 12 credit points of which shall be for Professional Experience; and
- Either:

**Secondary Education****6. Human Movement and Health Education**

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:

*Year I*

- EDUF 1011 and EDUF 1012 and
- Human Bioscience and Sports Mechanics; and
- Units of study, comprising a full year of study in two selected areas, chosen from any of the following:
  - Junior, 100 level, units of study, comprising a full year of study in a subject area, with a total value of 12 credit points, offered by a department or school in the Faculty of Arts;
  - Junior units of study, comprising a full year of study in a subject area, with a total value of 12 credit points, offered by a department or school within the Faculty of Science; or
  - First Year level units of study, comprising a full year of study in a subject area, with a total value of 12 credit points, offered by a department of school in the Faculty of Economics and Business.

*Year II*

- Senior, 200 level, units of study in Education taken from those listed in the table of units of study, with a total value of 16 credit points; and
- Program of 200 level units of study in Curriculum, taken from those listed in the table of units of study with a total value of 16 credit points;
- Units of study chosen from the following:
  - Senior, 200 level, units of study, comprising a full year of study in a subject area, with a total value of 16 credit points, offered by a department or school within the Faculty of Arts; or
  - Intermediate or Senior units of study, comprising a full year of study in a subject area, with a total value of 16 credit points, offered by a department or school within the Faculty of Science; or
  - Second Year level units of study, comprising a full year of study in a subject area, with a total value of 16 credit points, offered by a department of school in the Faculty of Economics and Business.

*Year III*

- Senior, 300 level units of study in Education taken from those listed in the table of units of study, with a total value of 16 credit points. [Honours students enrol in EDUF 3205 (4 credit points) and EDUF 3206 (4 credit points) as two of their four options]; and
- Program of Senior, 300 level, units of study in Curriculum, taken from those listed in the table of units of study, comprising a full year of study, and with a total value of 32 credit points.

*Year IV*

Program of 400 level units of study in Curriculum, taken from those listed in the Table of units of study, comprising a full year of study, and with a total value of 48 credit points. [Honours students enrol in units of study with a total value of 40 credit points, and do not enrol in either of the option units of study.]

For students undertaking the Faculty of Education Honours program, Special unit of study Honours A (8 credit points) and Special unit of study Honours B (8 credit points).

### 7. Design and Technology

#### (1) Eligibility for admission

The Faculty may admit to candidature for the degree a person who

- (a) has successfully completed a Level 4 TAFE Certificate in either Hospitality (Catering Operations) or Information Technology (Client Support); or
- (b) has completed other qualifications deemed by the Faculty to be equivalent.

#### (2) Requirements for the degree

- (a) Candidature for the degree is full time.
- (b) Candidates qualify for award of the degree by completing successfully units of study giving credit for a total of 192 credit points, of which the equivalent of 88 shall be undertaken at TAFE. Successful completion of 104 credit points, as stipulated in the Resolutions of Faculty, shall be required for award of the degree.

Except with the permission of the Faculty, a candidate for the degree Design and Technology shall complete the following program of of study

#### Year II

- (a) Design Fundamentals: Applied Studies undertaken at TAFE; and
- (b) EDUF 1011 and EDUF 1012; and
- (c) Information Processes and Technology I and E; OR Food Science I and II; and
- (d) Teaching Technology I and II; and
- (e) Craft Knowledge and Professional Practice I; and
- (f) School Observations

#### Year III

- (a) Design Fundamentals: Applied Studies undertaken at TAFE; and
- (b) EDUF 2005 and EDUF 2002; and
- (c) Teaching Technology II; and
- (d) Health Issues/Sports Coaching
- (e) Professional Experience I (20 days)

#### Year IV

Senior, 300 level, units in Education (must include EDUF 3021); and

Teaching Design and Technology IIIA and IIIB; and Craft Knowledge and professional Practice II; and Teaching Technology: Hospitality I and II; or Teaching Technology: Information Technology I and II; and Food Science HI and IV; or Food Science HI and IV; or Software Design and Development I and II; and Professional Experience II (40 days); and Graduating Design Project

### 8. Aboriginal Studies

#### (1) Eligibility for admission

The Faculty may admit to candidature for the degree an Aboriginal or Torres Strait Islander person who

- (a) is qualified for the award of the Diploma in Aboriginal Assistants Education of the University of Sydney, or
- (b) has completed other qualifications deemed by the Faculty to be equivalent.

#### (2) Requirements for the degree

- (a) Candidates qualify for award of the degree by completing successfully units of study giving credit for a total of 96 credit points
- (b) Except with the permission of the Faculty, a candidate for the degree in Aboriginal Studies shall complete the following program of units of study:

### Units of study and codes for the BEd(Secondary: Aboriginal Studies)

Unit of study		Credit points
<i>Year 1</i>		
EDUS 2016	Experiential Learning in History	2
EDUS 4044	Teaching World War I	2
EDUS 4605	Teaching the Historical Environment	2
EDUF 3004	Children with Special Needs	4
EDUF 3113	Ethnic Relations and Education	4
EDUF 3134	Developing Gendered Identity	4
KOCR 2101	Indigenous Australians: Land and Culture	8
KBED 3201	Practicum 2	4
KBED 4102	Teaching Stages 4–5 Aboriginal Studies	4
HSTY 2014	Australian Social History	8
HSTY 1043	Modern European Politics and Culture	6
Total:		48
<i>Year 2</i>		
EDUF 3003	Evaluation and Measurement in Education	4
EDUF 4010	Teaching and Learning: Reflective Teaching and Curriculum Planning	4
EDUF 4012	Teaching and Learning: Learners with Special Needs	2
EDUF 4013	Teaching and Learning: Coaching School Sport	2
EDUF 4014	Teaching and Learning: Preparation for Entering the Profession	2
EDUF 4015	Teaching and Learning: Issues in School Health	2
EDUS 4041	Teaching Ancient History	2
EDUS 4042	Teaching Modern History	2
KBED 4101	Practicum 3A	2
KBED 4103	Teaching Stage 6 Aboriginal Studies	2
KBED 4201	Practicum 3B	2
KBED 4202	Aboriginal Studies Research Project	2
KBED 4203	Racism in Education	4
HSTY 2042	Indigenous Experiences of Decolonisation	8
KOCR 2102	Indigenous Australians: Policy and Power	8
Total:		48

9. Combined courses: Bachelor of Education (Secondary: Humanities and Social Sciences)/Bachelor of Arts, Bachelor of Education (Secondary: Humanities and Social Sciences)/Bachelor of Economics (Social Sciences), Bachelor of Education (Secondary: Mathematics)/Bachelor of Science, Bachelor of Education (Secondary: Science)/Bachelor of Science, Bachelor of Education (Secondary)/Bachelor of Science (Psychology), Bachelor of Education (Secondary)/Bachelor of Arts (Psychology)

(1) Candidature for the degrees in the combined courses is full-time.

(2) Candidates qualify for the award of the degrees in the combined course by completing 240 credit points, except for the BEd/BA and BEd/BSc (Psychology) for which completion of 244 credit points is required.

(3) Candidates may, after two years of candidature in the combined course, abandon the combined course and elect to complete either degree in the combined course in accordance with the Resolutions of Senate governing that degree.

(4) Candidates will be under the supervision of the Faculty of Education 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.

(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.

(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.

## Combined degree programs of study

### 10. Humanities and Social Sciences

#### Year I

- (1) EDUF 1011 and EDUF 1012; and
- (2) Junior units of study offered by the Faculty of Arts, equivalent to 12 credit points, in approved teaching area, selected from Table A or Table B; and
- (3) Junior units of study offered by the Faculty of Arts, equivalent to 12 credit points, in approved teaching area, selected from Table A; and
- (4) Junior units of study offered by either of the Faculty of Arts, Faculty of Science or Faculty of Economics and Business, equivalent to 12 credit points selected from Table A or Table B.

#### Year II

- (1) EDUF 2005 and EDUF 2002; and
- (2) Senior units of study, 16 credit points, offered by the Faculty of Arts, in selected teaching area from Table A, being the Major Sequence; and
- (3) Senior units of study, 16 credit points, offered by either of the Faculty of Arts, Faculty of Science or Faculty of Economics or Business, in selected teaching area from Table A or Table B, being the Minor Sequence.

#### Year III

- (1) Senior units of study in Teaching and Learning, 16 credit points; and
- (2) Senior units of study in Curriculum, 16 credit points; and
- (3) Two 300 level, Senior, units of study in Education, 8 credit points; and
- (4) In Semester II, Senior units of study, 8 credit points, offered by the Faculty of Arts, in selected teaching area from Table A, being the Major Sequence.

#### Year IV

Either:

- (1) Two 300 level, Senior, units of study in Education, 8 credit points; or
- (2) For Honours students who have qualified for admission to the Honours program under Section 18, specified honours units, 8 credit points; and
- (3) Senior units of study in Teaching and Learning, including Professional Practice, 24 credit points; and
- (4) Senior units of study, 8 credit points, offered by the Faculty of Arts, in selected teaching area from Table A, being the Major Sequence.

#### Year V

Either:

- (1) Curriculum, 16 credit points; or
- (2) Honours Thesis, 16 credit points; or
- (3) Advanced Teaching, 16 credit points; and
- (4) Internship of 40 days, 8 credit points; and
- (5) Senior units of study, 24 credit points, in the major sequence to complete requirements for award of the Bachelor of Arts

### 11. Mathematics

- (1) EDUF 1011 and EDUF 1012; and
- (2) Junior units of study in Mathematics, offered by the Department of Mathematics and Statistics in the Faculty of Science, equivalent to 12 credit points; and
- (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
- (4) Junior units of study offered by either of the Faculty of Arts, Faculty of Science or Faculty of Economics and Business, and approved by the Faculty of Education, equivalent to 12 credit points selected from Science Table 1 or Arts Table A or Table B.

#### Year II

- (1) EDUF 2005 and EDUF 2002; and
- (2) Intermediate units of study, 16 credit points, in Mathematics; and
- (3) Intermediate units of study offered by the Faculty of Science, 16 credit points, in the second approved teaching area selected from Science Table 1.

#### Year III

- (1) Senior units of study in Teaching and Learning, 16 credit points; and
- (2) Senior units of study in Curriculum, 16 credit points; and
- (3) Senior, 300 level, units of study in Education, 8 credit points; and

- (4) Senior units of study in Mathematics and Statistics, 8 credit points, offered by the Faculty of Science.

#### Year IV

Either:

- (1) Senior, 300 level, units of study in Education, 8 credit points; or
- (2) For Honours students who have qualified for admission to the Honours program under Section 18, specified honours units, 8 credit points; and
- (3) Senior units of study in Teaching and Learning, including Professional Experience, 24 credit points; and
- (4) Senior units of study in Mathematics and Statistics, 8 credit points, offered by the Faculty of Science.

#### Year V

Either:

- (1) Curriculum and Teaching and Learning, 16 credit points; or
- (2) Honours Thesis, 16 credit points; or
- (3) Advanced Teaching, 16 credit points; and
- (4) Professional Experience, 40 days, 8 credit points; and
- (5) Senior units of study, 24 credit points, in the major sequence, to complete requirements for award of the Bachelor of Science

### 12. Science

- (1) EDUF 1011 and EDUF 1012; and
- (2) Junior units of study in Mathematics, offered by the Department of Mathematics and Statistics in the Faculty of Science, equivalent to 12 credit points; and
- (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
- (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.

#### Year II

- (1) EDUF 2005 and EDUF 2002; and
- (2) Intermediate units of study in the minor sequence, 16 credit points, offered by the Faculty of Science selected from Science Table 1; and
- (3) Intermediate units of study in the major sequence, 16 credit points, offered by the Faculty of Science selected from Science Table 1.

#### Year III

- (1) Senior units of study in Teaching and Learning, 16 credit points; and
- (2) Senior units of study in Curriculum, 16 credit points; and
- (3) Senior, 300 level, units of study in Education, 8 credit points; and
- (4) Senior units of study in major sequence, 8 credit points, offered by the Faculty of Science, selected from Science Table 1.

#### Year IV

Either:

- (1) Senior, 300 level, units of study in Education, 8 credit points; or
- (2) For Honours students who have qualified for admission to the Honours program under Section 18 specified honours units, 8 credit points; and
- (3) Senior units of study in Teaching and Learning, including Professional Experience, 24 credit points; and
- (4) Senior units of study in the major sequence, 8 credit points, offered by the Faculty of Science, selected from Science Table 1.

#### Year V

Either:

- (1) Curriculum, 16 credit points; or
- (2) Honours Thesis, 16 credit points; or
- (3) Advanced Teaching, 16 credit points; and
- (4) Professional Experience, 40 days, 8 credit points; and
- (5) Senior units of study, 24 credit points, in the major sequence, to complete requirements for award of the Bachelor of Science

### 13. School Counselling/Science

Candidates in the combined course qualify for the degrees of B Ed (Secondary Education)/B Science (Psychology) by completing the following:



*Years I to III*

- (1) 36 Junior credit points in Science, of which 12 must be in Mathematics, 12 in Psychology and 12 in either Chemistry or Physics; and
- (2) 32 Intermediate credit points in Science of which 16 must be in Psychology and 16 in Mathematics, Physics or Chemistry; and
- (3) 32 Senior credit points in Psychology; and
- (4) At least 48 credit points in Education, taken in accordance with the Resolutions of the Bachelor of Education (Secondary Education: Science); and

*Years IV and V*

- (1) rVth year Psychology (honours equivalent/Graduate Diploma in Science); and
- (2) 16 credit points in School Counselling; and
- (3) 16 credit points in Education, taken in accordance with the Resolutions of the Bachelor of Education (Secondary Education: Science); and
- (4) 16 credit points in Science in either Mathematics, Physics or Chemistry

**14. School Counselling/Arts**

Candidates in the combined course qualify for the degrees of BEducation(Secondary)/B Arts (Psychology) by completing the following:

*Years I to III*

- (1) 60 credit points in Psychology, of which 12 must be Junior, 16 Intermediate and 32 Senior credit points; and
- (2) A major (at least 32 credit points) in one subject area offered by the Faculty of Arts, taken from Part A of the Table of units of study for the Bachelor of Arts. The major should be the proposed teaching subject and may comprise English, History, a language that is taught in NSW Secondary Schools, Linguistics, Performance Studies or Fine Arts; and
- (3) At least 12 additional Junior credit points in Arts, taken from Part A of the Table of units of study for the Bachelor of Arts; and
- (4) 48 credit points in Education, taken in accordance with the Resolutions of the Bachelor of Education (Secondary: Humanities and Social Sciences).

*Years IV and V*

- (1) IVth year Psychology (honours equivalent/Graduate Diploma in Science); and
- (2) 16 credit points in School Counselling; and
- (3) 16 credit points in Education, taken in accordance with the Resolutions of the Bachelor of Education (Secondary: Humanities and Social Sciences) and
- (4) 16 credit points in Arts taken from Part A to complete the major area of study other than Psychology.

**Requirements for award of the Bachelor of Education with Honours****15. Subject areas for award of degree with Honours**

- (1) The Honours degree may be awarded in respect of:
  - (a) a unit of study pursued in the Faculty of Education; and/or
  - (b) a unit of study pursued in the Faculty of Arts, Science or Economics and Business
- (2) For the purposes of these resolutions students pursuing Honours as a unit of study in the Faculty of education shall be enrolled in one of the following professional degrees:
  - (a) Primary Education;
  - (b) Secondary Education (Human Movement and Health Education);
  - (c) Bachelor of Education (Secondary Education: Humanities and Social Sciences)/ Bachelor of Arts
  - (d) Bachelor of Education (Secondary Education: Science)/ Bachelor of Science
  - (e) Bachelor of Education (Secondary Education: Mathematics)/ Bachelor of Science
- (3) The testamur for the degree awarded with Honours shall specify the professional unit of study and/or the unit of study undertaken in the Faculties of Arts, Science or Economics and Business in which the degree has been undertaken together with the class of Honours in each unit of study.

**Admission to the Honours programs****Prerequisites for Year III****16. Candidates eligible for the Honours Program**

Suitably qualified candidates for a degree in one of Primary Education, Secondary Education (Humanities and Social Sciences), Secondary Education (Human Movement and Health), Secondary Education (Science) and Secondary Education (Mathematics), as well as approved candidates from other faculties.

- (1) (a) An applicant for admission to candidature for the Honours degree shall normally:
  - (i) have achieved average grade result of Credit or higher across Education Level 200; and
  - (ii) have achieved a result of Credit average or in some other coherent set of 16 credit points (eg, English 200 level professional units of study).
- (b) An applicant for admission to candidature for the Honours degree enrolled in a unit of study in any of the degrees of Bachelor of Arts, Bachelor of Arts (Asian Studies), Bachelor of Science, Bachelor of Economics or Bachelor of Economics (Social Sciences). shall be qualified for such admission in accordance with the resolutions of the Senate relating to those degrees.
- (c) An applicant for admission to candidature for a joint Honours degree in Education and in a subject offered by any of the Faculties of Arts, Science and Economics and Business, shall satisfy the requirements for each relevant subject area as outlined in sections 8 and 9.

**Progress within the Honours programs****17. Required level of achievement for Honours**

- (1) A candidate undertaking the Honours Program shall achieve:
  - (a) a grade result of Credit average or higher across Education 300 of the degree program; and
  - (b) a grade result of Credit or higher for enrolment in the units of study EDUF 3205; and
  - (c) a result of Satisfactory in the practice teaching component of the professional unit of study undertaken in Year III of the degree program; and
  - (d) Supervisor recommendation of candidature in Year IV progress report; and
  - (e) enrol in the unit of study Special Course Honours in Year IV of the degree program.
  - (f) To withdraw from the entire Honours Program without penalty, such withdrawal must be effected prior to the census date in Semester 1.

18. There shall be no re-examination for award of the degree with Honours.

**19. Award of degree with Class I Honours**

Faculty would normally expect candidates recommended for award of the degree with Class I Honours to have achieved:

- (a) a result of Satisfactory in the practice teaching component of the professional unit of study undertaken in Year IV of the degree program;
- (b) a result at Class I Honours level for the honours diesis undertaken within Special Course Honours; and
- (c) an average grade of Distinction or higher in the honours coursework undertaken in Year III of the degree program.

**20. Award of University Medal**

If a candidate is awarded the degree with Class I Honours and attained High Distinction for combined Honours coursework in Year III as well as in Education 300, and if the Faculty is of the opinion that the work of the candidate is of sufficient merit, the candidate will be considered for award of a bronze medal.

**21. Time limitations**

- Except with the permission of the Faculty, a candidate shall not be eligible for award of the Honours degree unless the candidate completes all the requirements for the degree:
- (1) in the case of Honours candidates for the Bachelor of Education degree, in not more than five years of enrolment; and
  - (2) in the case of Honours for approved candidates from other faculties, in not more than six years of enrolment.

**22. Subsequent award of degree with Honours for Bachelor of Education Pass graduates**

(1) A person who has been awarded the Pass degree of Bachelor of Education may, with the permission of the Faculty, be admitted to candidature for the Honours degree in an area of study offered by a Department or School in one of the Faculties of Arts, Science or Economics and Business. A candidate admitted to candidature for the Honours degree in accordance with section 22 (1) may, subject to section 21(2), qualify for the Honours degree in the Faculty concerned by fulfilling such requirements of that Faculty for award of its degree as have not already been met.

**Section 2****23. Enrolment in more/less than minimum load**

(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.

(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.

**24. Repeating a unit of study**

(1) Where a student enrolls in a unit of study offered by the Faculty of Education 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) 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, in respect of a combined degree, under resolutions relating to the Bachelor of Science or the Bachelor of Arts.

(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.

**25. Cross-institutional study**

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:

- (1) the unit of study content is material not taught in any corresponding unit of study in the University; or
- (2) the student is unable, for good reason, to attend a corresponding unit of study at the University.

**26. Restrictions on courses of enrolment**

(1) The Faculty of Education has prescribed the following courses as mutually exclusive in satisfying the requirements for award of the degree: Life sciences mathematics A and Life sciences mathematics B (with normal units of junior Mathematics in Year 1); and Economics 1001, 1002 with Economics as a social science (ECOP 1001) and Structure and change in modern economics (ECOP 1002)

(2)(a) Except with the permission of the Faculty, candidates for the degree shall not:

- (i) enrol in more than 48 credit points each year;
- (if) proceed to the units of study prescribed for Year UI until the candidate has fulfilled the requirements of Years I and II;

(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.

**27. Satisfactory progress**

(1) If a candidate for the degree fails or discontinues enrolment in one unit of study twice, a warning will be issued that if the unit is failed a third time, the candidate may be asked to show good cause why he or she should be permitted to re-enrol in that unit of study.

If a candidate for the degree fails to pass a minimum of 50% (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.

**28. Credit transfer policy**

(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 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 sections 5 to 14 inclusive.

(2) A candidate granted credit toward the degree under Section 28 (1) shall:

- (a) count towards the degree all units of study so credited subject to the provisions of these resolutions;
- (b) 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;
- (c) 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.

(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, 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.

(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:

- (a) completed more than five years prior to admission or re-admission to candidature; or
- (b) 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.

**29. Time limits**

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.

**30. Suspension of candidature**

(1) Unless suspension of candidature has been approved by Faculty, a candidate for the degree is required to re-enrol each calendar year.

(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.

**31. Lapse of candidature**

(1) Unless the Faculty otherwise determines in any particular case, candidature for the degree will be deemed to have lapsed if a candidate has:

- (a) not completed all the requirements for award of the degree in accordance with resolutions 18 and 20; or
- (b) not re-enrolled for the degree as required in accordance with resolution 21.

(2) A candidate whose candidature has been deemed to have lapsed in accordance with subsection (1) shall not re-enrol as a candidate for the degree unless again selected for admission.

**32. Assessment policy**

(1) Students may be tested by written and oral examinations, exercises, essays or practical work, or any combination of these as Faculty may determine.

(2) Where a unit of study is offered at different levels of difficulty, the performance of students will be matched so that a grad obtained at one level indicates a quality of work comparable with that required for the same grade at the other level(s).

(3) Faculty may arrange for further testing in cases of special consideration, in accordance with Academic Board policy governing illness and misadventure.

(4) The award of a Pass (Conditional) in a unit of study is limited to subject areas from the Faculty of Science and entitles the student to be credited with the full number of

credit points for that unit of study, provided that the limit of the total credit value specified for each award course is not exceeded.

## ■ Policies on variation, withdrawal and discontinuation of enrolment

Candidates wishing to change a unit of study in which they have enrolled should do so at the Faculty of Education Office by **Friday 29 March 2002 for semester 1 and Friday 30 August for semester 2.**

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'. *Except in cases of serious illness or misadventure the result is determined by the date on which notification is received by the Faculty of Education Office.*

**Withdrawn** 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. In order to have a unit of study enrolment recorded as 'withdrawn', notice must be given by the candidate to the Faculty of Education Office on or before the deadline. For First Semester or Full Year units of study the deadline is **Friday 29 March 2002**; for Second Semester Units of study the deadline is **Friday 30 August 2001**.

**Discontinued -not to count as failure** This does not count as an attempt at the unit of study, but does appear on the candidate's academic record.

After the deadline for withdrawal has passed a candidate may have enrolment recorded as 'discontinued with permission' where:

1. evidence is produced of serious illness or misadventure, or
2. notice is given to the Faculty of Education Office on or before the deadline.

The deadlines for discontinuation with permission without having to produce evidence of serious illness or misadventure are:

- For First Semester units of study: the end of the 7<sup>m</sup> week of lectures;
- For Full Year units of study: on or before the first day of Second Semester;
- For Second Semester units of study: on or before the 7<sup>th</sup> week of lectures.

**Discontinued-fail** This counts as an unsuccessful attempt at the unit of study concerned and appears on the candidate's academic record.

Except with Faculty permission, candidates may not repeat a unit of study which they have failed or discontinued more than once.

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.

- For First Semester units of study: the deadline is **Friday 7 June 2002**;
- For Full Year and Second Semester units of study: the deadline is **Friday 1 November 2002**.

If a candidate misses the deadline and does not sit the final examination, the result recorded is 'absent fail'.

## ■ Suspension of candidature and deferment

### Suspension of candidature

Once their candidature has commenced candidates normally re-enrol each year and complete units of study until they finish their degree. A period in which a candidate is not enrolled in any units of study to be counted toward the degree is referred to as 'suspension of candidature'.

Periods of suspension do not affect the expiry of the eight-year limit for completion of the degree.

Candidates need approval for a period of suspension if they do not wish to re-enrol in the next calendar year.

Application for approval for suspension of candidature should take the form of a letter addressed to the Faculty and be lodged with or posted to the Faculty of Education Office. The letter

should indicate in some detail the reasons why the period of suspension is required.

Suspension of candidature for an indefinite period or for the purpose of undertaking another course of study is generally not approved.

If suspension is not approved and the candidate fails to re-enrol at the appropriate time, the candidature is regarded as having lapsed. It is not possible to re-enrol unless the person is re-selected for admission to candidature.

### Suspension and deferment of candidature for First Year students

Special provisions apply to candidates in their first year of study who wish to defer taking up the offer of a place, or who totally discontinue their enrolment.

Persons who have not previously attended a recognised tertiary institution are normally able to defer commencement of their candidature for one year. Applications are handled by the Admissions Office of the University.

Preferably application for deferment should be made during the UAC enrolment week at the place of enrolment and be accompanied by the 'offer of enrolment' card. Late applications can also be made if the first year of enrolment is 'withdrawn' by 31 March 2001.

Candidates who totally discontinue their first year of enrolment after the deadline for withdrawal are not eligible to defer commencement of candidature, nor to suspend candidature beyond the end of the year. If they do not re-enrol the following year their candidature automatically lapses. First-year students who discontinue their enrolment with permission will be required to apply for re-selection through the Universities Admission Centre.

### Re-enrolment procedure

Persons who wish to re-enrol after a period of suspension of candidature need to contact the Faculty office in writing by the end of November in the preceding year.

### Implications of HECS liability

HECS is weighted for each unit of study. This means that your workload determines your fees. If you wish to know what the weighting is for individual units of study, you should contact the Faculty of Education Office.

### Information and advice

Any candidate who wishes to make application relevant to a degree, or who needs advice as to degree or unit of study requirements should contact the Undergraduate Adviser for the Faculty of Education. The adviser is located in the Faculty of Education Office in room 307 on the ground floor of the Education Building Complex in Manning Road. The phone number is (02) 9351 2634. Written enquiries should be directed to:

Administrative Officer  
Undergraduate Studies  
Faculty of Education, A35  
The University of Sydney, NSW 2006.

## ■ Policy regarding attendance, extensions and plagiarism

### Attendance

The Faculty requires attendance at 90% or more of all workshops/seminars/tutorials. Where a student attends less than 90% of classes in any one semester, s/he may be required to show cause why s/he should not be deemed to have failed that unit of study. The Dean will decide whether the cause shown is sufficient. A student who fails to show sufficient cause will be deemed to have failed that unit of study. Work that is missed through absence for any reason must be made up independently and certified by the unit lecturer before a satisfactory grade may be obtained in that unit of study concerned.

### Extensions

In general, assignments must be presented by the due date and late submission will incur a penalty of 5 marks out of 100 for each day late and will not be accepted more than 5 working days after its due date. Assignments submitted later than 5 days from the due date will be graded as Fail. They may be re-attempted the following year. No assignment will be accepted after marked

assignments have been returned. Approval for late submission of assignments will be granted only where a student can demonstrate good cause (eg, illness supported by a doctor's certificate; serious misadventure). Pressure of work is not an appropriate ground for request for an extension.

If a student has a genuine reason for an extension then they should approach the unit of study lecturer/tutor prior to the assignment due date. There is an official form for requesting an extension. These are available from the Faculty Office. The student must complete one of these and take it to the unit of study lecturer/tutor when requesting an extension.

### Plagiarism

All assignments are to be the original work of an individual student, or a group arranged with the agreement of the unit of study lecturer/tutor.

Students must always acknowledge the sources of their ideas and quotes, both published and unpublished. Plagiarism is the extensive use of another person's work (eg, repetition of sentences/phrases with little or no variation) as if it is their own. Sometimes this happens unintentionally because of poor research and writing habits. Sometimes it is deliberate. In either case it is unacceptable.

Evidence of plagiarism will result in work being failed. There is also the possibility of further university sanctions.

**Cooperative discussion of ideas may be appropriate, even advantageous. Unless otherwise explicitly required, however, all writing should be undertaken independently, and any assignments must be entirely the student's own work.**

## ■ Style guide for Education essays

This style guide is intended for use in the preparation of all student written work in the undergraduate courses of study offered by the Faculty of Education (ie, B.Ed, units of study, including Education 1, 2, 3, and the B.Ed. Honours Program). This style guide is also appropriate for written work in postgraduate units of study in the MEd Coursework Program and associated Diplomas and Certificates. However, this style guide does not apply to, MPhilEd, EdD, or PhD written work [see University guidelines].

A student essay is a presentation of research. The Faculty of Education believes that the form of research presentation is an important aspect of the research process itself and should be mastered by students as soon as possible. Scholarly conventions in research presentation have emerged over the years. The following guidelines are dictated by both these scholarly conventions and common sense. They will help you to present your essay in a form that is both professional in appearance and easily read and assessed. Coordinators of individual programs or units of study may alter these guidelines to better suit individual circumstances. But notwithstanding such modifications, these guidelines apply and should be adhered to by all students.

### Submission of essays and extensions of time

The Faculty of Education requires essays to be handed in by the due date unless an extension of time has been granted beforehand. If an assignment is unsatisfactory it will be graded as a Fail. However, if it is clearly unsatisfactory only because the terms of the assignment have been misunderstood, the lecturer concerned may allow the assignment to be resubmitted. Resubmitted assignments are eligible for a Pass grade (51%) only. No assignment may be resubmitted more than once. In the event that a resubmission is unsatisfactory, the result will be recorded as a Fail for that year. Extensions of time are granted on the grounds of illness or misadventure. Only in exceptional circumstances will requests for extensions made after the due date be considered. Where units of study are assessed progressively and cumulatively (as most are) you must submit all required work on time and achieve a pass standard overall.

Unless specifically advised otherwise, always submit an essay personally to the appropriate tutor or lecturer. Do not slip an essay under a door or leave it on a desk. If granted permission to do so, you may post an essay to the appropriate tutor or lecturer. The post-mark on the envelope must be on or before the due date. Always remember to keep a copy of the essay.

### The presentation of essays

#### Title page

Many units of study have official cover sheets to be attached to the front of each essay. Use these unless otherwise instructed. If

there is no official cover sheet, a title page must include the following:

- your name and student identification number;
- the full title of the essay;
- the name of the tutor or lecturer and the exact title of the unit of study; and
- the due date and (if prescribed) the number of words required.

#### Layout

Please ensure that you proof-read and correct errors and omissions in grammar, punctuation, and spelling before you submit an essay. Be certain to retain a copy of any essay submitted as a precaution against any unforeseen loss or mishap.

#### Margins

Leave a left-hand margin of 4cm for your marker's comments and adequate margins at the top (3cm) and the bottom (2cm) so that your essay looks well on the page.

#### Page numbers

Use Arabic numbers, without brackets or full stops, at the top of the page either in the middle or in the right hand corner. The conventions for using p., pp., f., and ff. are as follows:

- p. is used when the quotation is from one page only. For example: p. 23.
- pp. is used when the quotation runs on to the next page(s). For example: pp. 23-24.
- f. is used when not quoting directly but acknowledging a line of argument or source of factual information from one page only. For example: p. 23f.
- ff. is used when not quoting directly but acknowledging a line of argument or source of factual information which runs on to the next page(s). For example: pp. 23-24ff.

#### Typing/word processing

The final draft of all Education essays must be typed or word-processed. Academic convention requires that you use double spacing for the body of the essay and use one side of the paper only.

#### Use and acknowledgement of sources

In the research process, the writer of an essay or report will have consulted a number of books, articles and perhaps other written and electronic sources on the topic. It is important to use primary source material (such as, original journal articles, books and policy documents). Secondary sources that are collections of these ideas by other people (eg, textbooks, articles and other sources) are a good starting point for your research but you need to read the works in the original (or in translation for works in other languages).

The writer is obliged to acknowledge the source of three kinds of material borrowed from others. These are direct quotations (ie, an author's ideas expressed in their own words), paraphrasings (ie, an author's ideas expressed in their own words with some modifications), and facts, ideas, and opinions of an author loosely based upon their own words even if expressed in parts over several sentences, paragraphs, or chapters.

#### Direct quotations

Only use direct quotations when the author expresses an idea better than you could or when the authority of the author is to be stressed or contested. A direct quotation is sometimes used by way of an introduction and less frequently as a conclusion. Quotations are seldom self-explanatory and usually need an introductory sentence to link it with a preceding idea and a following sentence to emphasise or analyze a key phrase or notion. Occasionally, where it sums up a main line of argument memorably, it may be used in epigraph which is quoted at the top of the essay and not incorporated into the text.

As previously noted, a direct quotation should be used to support the analysis and argument rather than to make a major point in a discussion itself. Care must be taken in the identification of quoted material by use of quotation marks or indentation and by accurate acknowledgement of the source (including a page reference for material directly quoted). Inclusion of a reference in the 'References Cited' list implies that the source has been directly consulted as a primary reference source. Where a work is cited through a secondary reference source, particulars of the secondary source need to be provided.

Undue dependence on a single source or a few sources is generally to be avoided. This indicates a lack of comprehensiveness in the search for sources of data vital to the research process. Ensuring proper acknowledgement of quoted normally requires careful recording of sources and page references at the reading/note making stage. Unacknowledged

use of materials from published sources constitutes plagiarism. Plagiarism is always improper. When it is intentional, plagiarism is dishonest as well. Submission of plagiarised work may be a sufficient basis for the recording of a failure result in a unit of study.

#### **Format for quotations**

Quotations must be exactly transcribed. Any words left out must be indicated by three dots, single spaced. For example: 'His works ... are not collected'. Any words added by the writer to explain the quote or to complete its grammatical sense must be placed in brackets. For example: 'His [Smith's] works ... are not collected'. Use double quotation marks when quoting except in the following two cases. First, when a quote is within a quote, use single quotation marks for the second quoted material. For example: 'Bernard Darwin writes that Ruskin's famous line, 'To make your children capable of honesty is the beginning of education', first appeared in *Time and Tide*'. Second, when a quotation requires more than three lines of an essay no quotation marks are used at all. Instead, the quote should be indented (1 cm) and blocked so that it stands out clearly from the rest of the essay text. A quotation of less than three complete lines should be incorporated into the paragraph. Make sure that any quotation used makes grammatical sense within the essay.

#### **Documentation and citation**

There are many approved systems of documentation. Each has its advantages and disadvantages. Unfortunately, the University of Sydney does not have a university-wide system. Faculties, departments, and schools differ such that a student often must learn several systems. The Faculty of Education has adopted the system approved by the American Psychological Association (APA) and used in most education and psychology journals. The APA system uses parenthesis to make a brief reference in the ongoing text to the source of material quoted or otherwise used. The book, article, report, or other written or electronic source is fully referenced at the end of the essay. No footnotes are used. Indeed, none are necessary unless the writer wishes to insert material not considered appropriate for inclusion in the text of the essay. (In such a case, a 'Notes' section with numbered notes is placed at the end of the essay text and before the 'References' list.) Please refer to the APA's Manual of Style (4th Edition) for more information.

#### **Within the text**

Follow any quote, finding, or idea you report from another source with the author's name(s) and the date of publication in parenthesis. For example: Many factors emerge in studying classroom behaviour (Jones, 1997).

It is acceptable to use the author's name within the text. If this is done, then put the year of publication in parenthesis directly after the author's name. For example: Jones (1997) claims that many factors emerge in studying classroom behaviour. Alternatively, the year of publication may be placed at the end of the sentence. For example: Jones claims that many factors emerge in studying classroom behaviour (1997).

If a direct quote is used, the page number must be included. For example: 'Many factors emerge in studying classroom behaviour' (Jones, 1997, p. 20).

When a section or chapter of an unedited book is being referenced, put inclusive page numbers in the essay text and not in the reference list. For example: (Jones, 1997, pp. 200-300).

Use only the author's last name unless there are two authors who have the same last name in the reference list. For example: (A.B. Smith, 1997) and (C.D. Smith, 1997).

When referencing more than one study after a single idea, separate each reference with a semi-colon and list them in alphabetical order. For example: (Jones, 1992; Smith, 1997).

When referencing more than one study published in the same year by an author, list them chronologically with the use of lower case letters. For example: (Jones, 1995a; 1995b)

When referencing a source with no author, use a shortened form of the title within quotation marks. For example: ('Sydney wins', 1994).

When referencing a source with no date, place 'n.d.' where the year should be. For example: (Jones, n.d.)

When referencing a source with two authors, cite both. For example: (Adams & Byrne, 1996).

But if there are more than two authors, cite all authors the first time cited whilst citing the first author and 'et al.' for each additional citation. For example: (Adams, Byrne, & Carey, 1997) becomes (Adams, et al., 1997).

When referencing from a secondary source, cite the primary and secondary source in the essay text, but list only the secondary source in the reference list. For example: (Jones, 1992, cited in Smith, 1997, p. 20).

#### **Within the References list**

The references cited in the text are listed more fully as a combined references list and bibliography at the end of the essay. References are not listed at the bottom of the page in which they appear. All sources cited in the text should be included in the 'References' list. This usually requires checking for the completeness and accuracy before essay submission. Note the following points when listing the references:

- The references are listed alphabetically according to the last name of the author. Where a work has more than one author, the name of the author which appears first on the work determines its place in the alphabetical List
- The date of publication comes immediately after the name(s) of the author(s) and is placed in parenthesis; and
- Where several works by the same author(s) are cited, they are listed in chronological order with the earliest first.
- Single space for each item reference and double space between items.

Some sources are unpublished. These include lecture/tutorial notes and personal communications. A personal communication is a unpublished letter or conversation between an authority and the writer of the essay. Other sources are in non-print form. These include television programs, videos, audio recordings, or computer media. Finally, still other sources were previously published in print form but may now be found on electronic media (eg, the Internet, FTP, Gopher, Telnet, newsgroups, the World Wide Web [WWW]). It is just as important to cite such sources as any other reference. These sources, including electronic media references, are cited in the text of the essay in much the same manner as other references.

#### **Book:**

Lastname, A.B. (year). Book title underlined: Only the first work and first word after a colon are capitalised with the exception that all proper names are always capitalised. City of publication: Publisher.

#### **Book other than the first edition:**

Lastname, A.B. (year). Book title as above (2nd ed.). City of publication: Publisher.

#### **Article in a journal:**

Lastname, A.B. & Another, A.B. (year). Article title is not underlined: First words only are capitalised. Journal Title Underlined with All Main Words Capitalised. 12.15-35. (Note that the volume number is underlined with page numbers following. A journal is a periodical for professional and scholarly articles. It is not a magazine.)

#### **Article in a Journal with Issues Paginated Separately:**

Lastname, A.B., Another, A.B., & More, A.B. (year). Article title. Journal Title. 12 (3), 15-35. (Note that the issue number is included only if each issue begins with page one.)

#### **Article in an edited book:**

Lastname, A.B. (year). Article title as for a journal article. In Y.A. Somebody (Ed.), Title of book written as for a book above (pp. 200-220). City of publication: Publisher. (Note that the page numbers for the article are within parentheses and preceded by 'pp.' An edited book contains articles by several authors.)

#### **Article in a magazine:**

Lastname, A.B. (year, Month). Article title as for a journal article. Magazine Title as for a Journal, pp. 12-14. 76-77. (Note that no volume or issue number is used. If an article appears on discontinuous pages, note all pages as above. If the magazine is published quarterly by seasons, indicate season in place of month (eg, Winter). If the magazine is published every other month, indicate both months separated by a dash (eg, July-August). If the magazine is published more frequently than once a month, include the day after the month (eg, July 12).)

#### **A government report:**

New South Wales Government, (year). Title of report written as for a book above. Sydney: New South Wales Government Printing Office.

#### **An organisation report:**

United Nations Educational, Scientific and Cultural Organisation, (year). Title of report written as for a book above. Paris: UNESCO.

**An ERIC (Educational Resources Information Centre) document:**

McGuigan, F.J. (1971). How to select and evaluate programmed instructional materials. Bethlehem, P.A.: Lehigh University. (ERIC document ED 051455).

**Article in a newspaper:**

Last name, A.B. (year, Month, day). Article title as for a journal article. Newspaper Title as for a Journal, pp. 12-14. 76-77. (Note that if the newspaper is divided into sections, indicate which section before the page numbers - eg, (Spectrum) pp. 2-3.)

**Lecture/tutorial notes:**

Lastname, A.B. (year, Month, day). Title of lecture or tutorial is specified where possible. (Note that notes written during a lecture or tutorial are considered to be secondary sources of information.

It is preferable to find the original source of information. However, if this is not possible, it is acceptable to use your hand written notes or handouts issued in class as references. This material is referenced in the essay text as is any other source.)

**Personal communication:**

Lastname, A.B. (year, Month, day). Personal communication. (Note that regardless of the topic of the letter or conversation, 'Personal communication' is the title.)

**Television program:**

Lastname, A.B. (Executive Producer), (year, Month, day). Title of Program. City of Production: Production House. (Note that the name of the executive producer appears as the author. The name of the executive producer usually appears near the end of the program's credits. The convention of the television industry is that the executive producer is responsible for the program. The production house might be a television network (eg, the Australian Broadcasting Commission), but it need not be (eg, Soumern Star Productions, Thames, etc.)

**Video, audio recording, or computer media:**

Lastname, A.B. (Writer) (year of copyright). Title of work is not underlined. (Recorded by artist if different from writer). Title of album for song is also not underlined [Medium of recording: CD, cassette, record]. City of Production: Label. Recording date if different from copyright date. (Note that the above example refers to a song reference. The citation in the essay text is the same as that for a book.)

**On-line article:**

Lastname, A.B. (year, Month, day). Title of article not underlined. Name of Periodical [On line], page numbers. Available: Specify path.

**On-line abstract:**

Meyer, A.S. & Brock, K. (1992). The tip-of-the-tongue phenomenon: Blocking or partial activation? [On-line]. Memory & Cognition. 20,715-726. Abstract from: DIALOG File: PsychTNFO Item: 80-16351.

**On-line journal article, subscriber-based:**

Central Vein Occlusion Study Group. (1993, October 2). Central vein occlusion study of photocoagulation: Manual of operations [675 photographs]. On-line Journal of Current Clinical Trials [On-line Serial]. Available: Doc. No. 92.

**On-line journal, general access (Email):**

Funder, D.C. (1994, March). Judgmental process and content: Commentary on Koehler on base-rate [9 paragraphs]. Psychology [On-line Serial], 5 (17). Available email: psyc@puccmessage:getpsyc94-xxxxx.

**On-line journal, general access (FTP):**

Funder, D.C. (1994, March). Judgmental process and content: Commentary on Koehler on base-rate [9 paragraphs]. Psychology [On-line Serial], 5 (17). Available FTP: Hostname: princeton.edu. Directory: pub/harnad/Psychology/1994, volume. 5. File: psycology.94.5.17.base-rate,12.funder.

**Electronic data file or database:**

National Health Interview Survey-Current health topics: 1991—Longitudinal study of ageing (Version 4) [Electronic data tape]. (1992). Hyattsville, Maryland: National Center for Health Statistics [Producer and Distributor].

**Electronic abstract on CD-ROM:**

Lastname, A.B. (year, Month, day). Title of article not underlined [CD-ROM]. Title of Journal. 2, 12-14. Abstract from: Source and retrieval number.

**Electronic computer program, software, or programming language:**

Benderreport [Computer software]. (1993). Melbourne, Florida: Psychometric Software.



## 8 Postgraduate information

The Faculty of Education offers a range of postgraduate research and coursework degrees, diplomas and certificates. Detailed information on these programs may be found in the postgraduate handbook available from the Faculty Office. Brochures are also available on each of the designated Masters' degrees.

### Master of Teaching

Students who have completed a first degree in, say, Arts, Economics or Science, and wish to undertake teacher training may apply for admission to the Master of Teaching degree. This is a highly innovative program preparing professional educators through the use of self-directed learning and case based study. The course provides training in the practice of teaching in your chosen disciplines and includes a large component of practical classroom experience. The final semester of this two year program is taken up with an internship in a school. An Honours program is available.

For further information about this course, please contact the Faculty Office for a brochure. Handbooks are also available for purchase.

#### **For more information contact**

Maria-Grace Guerreiro  
Room 606, Education Building  
Phone: (02) 9351 7048  
Fax: (02) 9351 4235  
Email: [gradinfo@edfac.usyd.edu.au](mailto:gradinfo@edfac.usyd.edu.au)

### Doctor of Philosophy (PhD)

The PhD degree is awarded for a program of original research carried out under the guidance of a supervisor with expertise in the candidates area of interest. The research is embodied in a thesis of 80,000 words. While the degree is completed by research some units of study may be completed if appropriate.

### Doctor of Education (EdD)

The Doctor of Education degree combines research and coursework. The latter involves research training components with group supervision, as well as individual supervision. It is a professionally oriented research program culminating in the production of a thesis of 60,000 words.

### Master of Philosophy in Education (MPhilEd)

The Master of Philosophy in Education degree requires completion of original research under supervision, and a thesis of 40,000 words. Supportive coursework in both content and research methodology may also be completed.

### Master of Education (MEd)

The Master of Education is primarily a degree by coursework. Candidates may either complete a designated degree in one of a range of areas offered, or complete a generic MEd by selecting units from across the designated areas.

Eleven designated Master's programs are offered which take a particular focus on a specialised area of study. They include:

Information Technology in Education  
Educational Psychology  
English, Literacy and Drama in Education  
Health Education  
Management and Human Resource Development  
Research Methodology  
Special Education  
Teaching English to Speakers of Other Languages/Languages  
Teaching and Curriculum Studies  
Vocational Education and Training

### Certificates in Educational Studies

Graduate Diplomas and Certificates are available in all the designated areas for the MEd. These articulate with the Masters programs and credit may be granted for units completed towards award of the Master of Education.

Some further areas are available only at Diploma and Certificate level. These include:

*Diploma programs*  
Curriculum Studies  
Human Movement Studies  
*Certificate programs*  
Professional Ethics  
Civics Education  
Higher Education

For further information on these degrees, please contact the Administrative Officer in the Graduate Division Office.

#### **For more information contact**

Maryke Sutton  
Room 307 Education Building  
Phone: (02) 9351 4605  
Fax: (02) 9351 5027  
Email: [gradinfo@edfac.usyd.edu.au](mailto:gradinfo@edfac.usyd.edu.au)

### The Graduate Diploma in Teaching English as a Foreign Language

This graduate diploma has been especially designed to meet the needs and interests of candidates whose area of expertise is in teaching English as a foreign language or in teaching English to speakers of other languages. After successful completion of the Graduate Diploma, it may be possible to complete a Master of Education (TESOL).



## 9 Other information for Education students

### ■ The Faculty of Education - a brief history

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 which were 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, of course, well equipped lecture and tutorial rooms.

There are currently three schools in the Faculty: School of Professional Studies, School of Social Policy and Curriculum Studies, School of Educational Psychology, Literacies and Learning. These form the broad focus of research and academic discipline within the Faculty. There are also a number of Divisions, including Graduate Programs, Undergraduate Programs, Research, Professional Development, and International.

The Faculty prides itself on the provision of excellent educational opportunities for undergraduate and postgraduate students as well as continuing studies and support for professional educators.

### ■ Centres of the Faculty of Education

Please note, this is not a comprehensive guide to the Centres in the Faculty of Education, but rather descriptions of those with which you are most likely to interact during your studies.

#### Health Education unit

The unit was established in late 1979 with financial assistance from the NSW Drug and Alcohol Authority. The NSW Health Department has continued to fund the unit since then and its support has helped the development of several major initiatives in drug education.

The main functions of the unit are to develop and produce resource materials, reports, papers, and teaching programs on drug education; to provide consultancy to schools, government departments, community groups and others in the drug and health education field; to conduct education and training for parents, teachers, tertiary students and health workers; and to provide information and resource materials for persons involved in the delivery of drug education.

The unit is open Monday to Friday, 9 am to 5 pm.

#### Library

The unit's library has a unique yet comprehensive collection of resources covering the areas of drug and health education with a primary focus on the prevention of drug and alcohol abuse. The material covers a diversity of formats: monographs, reports, videos, serials, pamphlets, games and teaching kits. An important part of the collection are the 1000 Australian and overseas health education programs, many of which are unavailable elsewhere.

All resources, including some serials, are indexed in depth on the library's computer catalogue. Users can also access the catalogue via the internet on telnet 129.78.104.23 or telnet [health.edfac.usyd.edu.au](mailto:health.edfac.usyd.edu.au) (login: library or library 2). The library publishes a bi-monthly New Titles Bulletin and bibliographies on current health education topics.

The library's holdings have minimal duplication with those of other resource centres. Where material is not held in the Health Education Unit, library staff provide assistance in its location.

#### Publications

The Unit has been responsible for a number of well-received publications: *The Healthy SelfK-3* series of nine health education booklets for lower primary teachers and *The Healthy*

*Self 4-6* series for upper primary; for secondary schools, *Straight Talking: Assertiveness Skills Approach to Drug Education and Getting it Together: A Cross-Curricular Resource for Teaching Drug Education in the Secondary School*. The unit has also published *Dealing with Drugs: Developing School Drug Education Policy and Programs*, for teachers and *Drugs: Parents and Young People*, for parents.

#### Courses

Courses and seminars have been a feature of the Unit's work since its inception. The most popular of these is a drug education program for parents entitled 'Drugs: Parents and Young People'. The Health Education Unit has also organised state and national conferences for tertiary educators, and workshops for local health workers. Unit staff have also been active in speaking at major national drug conferences.

#### Research

The staff review the latest literature in order to ascertain the present position and future directions of drug education. The Unit has written up findings on such issues as solvent abuse, the comparative influences of parents and peers on adolescent drug use and gender effects on drug use by young females and males. The Unit has also collaborated on a CD-ROM for upper primary classes on drug education.

#### Other activities

Unit staff sit on advisory committees and working parties related to health/drug education.

#### Educational Technology Centre

The Educational Technology Centre (ETC) is a Faculty Centre located on Level 2 of the Education Building (A35). The Centre consists of computer classrooms with Macintosh and Windows, a research computing room and a television studio with control, video and sound editing rooms. Ample space is provided for staff and students to work and study, independently or cooperatively, within the Centre, using contemporary computer and audio-visual technologies.

While the ETC is both a teaching/learning and a research facility it also has three main support functions; two academic and one technical.

- Audio-visual academic support* - concerned with display and presentation systems, information dissemination, teaching and research, staff training, support and consultation about A/V in teaching.
- Computing academic support* - concerned with the general application packages and 'personal productivity', desktop publishing, programming and authoring, data analysis and presentation, computing in schools, information dissemination, staff training, support and consultation.
- Computing technical support* - concerned with product advice, equipment/resource acquisition, acceptance testing, management of Faculty LAN, accessioning/cataloguing software, software and hardware installation, maintenance and servicing, disposal, stock control, health and safety issues, information dissemination, student and staff technical support and consultation.

#### Evelyn McCloughan Children's Centre

The Children's Centre operates as an educational resource within the Primary Teacher Education programs. It was established in 1977 in order to help students become more aware of children with learning difficulties and to provide them with the knowledge and skills to be able to teach such children. The Centre also assists schools in the task of helping children with learning difficulties.

There are four units in the Centre:

#### Language Development Unit

Developing skills in speaking, listening, reading and writing.

#### Numeracy Unit

Developing the child's mathematical ability in the areas of number, space and measurement. Wherever possible

opportunities are made to link experiences across the three areas. An approach that focuses on helping the child to develop a positive attitude to themselves as a learner and to mathematics is encouraged.

#### **Early Learning Unit**

The programs in this unit aim to develop perceptual, communication, thinking and social skills as well as a wide variety of concepts. There is an emphasis on early reading and writing skills.

#### **Assessment Clinic**

A clinic for members of the public with learning disabilities.

#### **Resources Library**

Located within the Language and Numeracy Units are reference books, audio-visual materials, teaching schemes, games and tests. Special arrangements can be made for students undertaking courses in the Centre to borrow some of the resources for workshop sessions and seminars between the hours of 8.30 am and 4 pm. Reference books are normally available to registered students for a loan period of seven days.

#### **Centre for Research and Teaching in Civics**

The Centre was established to meet the rapidly growing demand for research and teaching in this area. The CRTC has associated staff in the Department of Government, the Department of History, the Faculty of Law and the Faculty of Education. It addresses both national and international issues in civics education by undertaking research projects and by offering postgraduate studies. A Graduate Certificate in Civics Education will be offered in 1998. It may be upgraded to a Graduate Diploma or a designated Masters degree, when these are available, upon successful completion of the specified courses.

## H List of staff by departments

### **Administration**

#### *Dean*

Professor Geoffrey E. Sherington

#### *Executive Assistant to the Dean*

Teresa Wise

#### *Pro-Dean*

Associate Professor Phillip Jones

#### *Associate Deans*

Associate Professor Len Unsworth (Division of Graduate Studies)

Associate Professor Gerard Sullivan (Division of Undergraduate Studies)

Dr Robyn Ewing (Teaching and Learning)

Dr Kevin Laws (International and External Relations)

#### *Faculty Manager*

Shona Smith, BA(Hons) LLB GradDip Museum Stud  
*Manager Student Administration (Shared)*

Maria McQuilty, BA

Paula Simpson, BArtTh(Hons) UNSWBA

#### *Administrative Officers*

Maria-Grace Guerreiro, BA DipEd UNE

Brett Ryan, BA Macq MIR & HRM

Robert Wilcox

#### *Professional Experience Coordinator*

Faye Barnes

Robyn Hector, DipTeach NSTE MA UTS

#### *Administrative Assistants*

Cheryl Brown (Children's Centre), Cert Adv Secret Stud TAFE

Gilbert Cheng, BEc NSW

Tanya Keane, DipComm Illust OTT

Maryke Sutton

Lorraine Wildman

#### *Manager, Finance and Facilities*

Gowrie Guhan, ACMA

#### *Administrative Assistant*

Anthea Lo

#### *Manager, IT and Technical Services*

John Usman, DipEd Tech Glasgow DipMangt & Lead TAFE

#### *Technical Staff*

Adly Abdelmalek, BSc (Agric) DipEd Minia

Adriana Scodellaro, Cert ChemTech Argentina Tech Coll Lab  
Cert TAFE

Stephen Souter

#### *Web Coordinator*

Brian Carter, Fitt & Machining Mech Eng TAFE

#### *Research Officer*

Rosalie Robinson, GradDipl Eng UNSW BA DipEd MEd(Hons)

#### *Health Education Unit Library Manager*

Tim Cotsford, BA(Hons) Keele, GradDip Appl Sci(Info) UTS

#### *Senior Education Officer*

Julia Tresidder, BA GradDip Comm UTS

#### *Library Assistants*

Julie Rosenberg, GradDip Lib UNSWBA

Martin Cheung, M(Lib) UNSW

#### *Attendants*

Martin Kelly (Campus Services)

Terry Lane (Campus Services) (Head)

David Myers

Peter van Welsem (Campus Services)

Glen Blackhall (Campus Services)

Alice Lake (Campus Services)

Peter McAndrew (Campus Services)

#### **Library**

#### *Alexander Mackie Curriculum Resources Library*

Jacquei Hicks, GradDipLibInfSci Riv. M.I.H.E. DipEdArmidale

C.A.E. MA

Maria El Chamí,

Lingling Liu

Poppy Prezios

## Schools

### **School of Development and Learning**

#### *Head of School*

Associate Professor Leonard C Unsworth, BA BEd Qld

GrDipResTeach Kelvin Grove CAE GrDipReading Mt Gravatt

CAE MEd PhD

#### *Executive Assistant*

Cecilia Rigor, DipLib Tech Sydney TAFE

#### *Associate Professors*

Associate Professor Lloyd C S Dawe, MEd (Hons) UNSWPhD

Cantab BSc DipEd

Associate Professor Max Giardina, BA Degli Studi, MA PhD

Laval

Associate Professor Ian Smith, MA PhD Stan. BA

#### *Honorary Associate Professors*

Raymond L Debus, PhD III BA DipEd

Kenneth E Sinclair, EdM PhD III BA

#### *Honorary Senior Lecturer*

Neville G Hatton, BA Qld MEd

John M Harvey, DPhil Sus GDipEdSt Mitchell CAE MA

Geoffrey W Shearsby, BSc(IndArts) MSc MV5WMITEMITEA

MDATA MACET MWOCATE

#### *Senior Lecturers*

Laurel Bornholt, BA Melb., PhD Macq

Neville Goodwin, BA MEd

Lindsay A Grimison, BSc MEd DipEd

Jennifer O'Dea, BA DipNutrDiet MPH PhD

R Armstrong Osborne, MSc PhD DipEd

Gillian Perrett, BA Brist CertEd(Prim) Homerton Coll Camb

Dennis L Robinson, PhD Lond MA DipEd

Anthony Sperling, MScSoc UNSWBA BSc DipEd MRACI

Ian Stevens, MAppSc tMSWBScAgr DipEd

Richard Walker, BA DipEd N'cle(NSW) MEd PhD

Paul R Whiting, PhD Macq LMus AThC MA DipEd

#### *Adjunct Senior Lecturer*

John Eklund, BSc. DipEd Woll. GradDipEdStud. MEd

(Computer Ed) PhD

#### *Lecturers*

Shame Aldridge, BA MEd DipEd

Anne Badenhop, TTTC Deakin MSpEd Tas

Nancy Butterfield, DipTeach Mitchell C.A.E., GradDipEdStud,

MEd Charles Sturt,

Elaine Chapman, BA(Hons) PhD Murd

Kenneth Cruickshank, MA(TESOL) UTS GradDip(TESOL)

SCAE BA DipEd

Paul Dufficy, DipEd Syd Teach Coll GDipTESOL SCAE

MA(JESOL) UTS BA

Stephen Juan, BA MA PhD Cal Berk

Nigel Goodwin, BSc (Ind Arts) DipEd MSc (Architecture) MEd

Michael Gunnourie, MSc Macq BSc DipEd

Jacqueline Manuel, BA DipEd PhD *U.N.E*  
 David J Reid, GDipEdSt SCAE GDipCommMgt *Kuring-gai CAE* MA DipEd MACE MASET  
 Hui Shen, BA *Fudan* TEFLCert *Minn.* BEd DipEd *LaTrobe* PhD  
 Louise Sutherland, BSc MED PhD  
 Angela Thomas, BEd MED *Tas*,  
*Associate Lecturers*  
 Helen Watt, BEd(Hons)

### School of Policy and Practice

#### Head of School

Associate Professor Gerard Sullivan BBSoc DipEd *La Trobe* MA  
 PhD *Hawaii*

#### Executive Assistant

Marion Lupton, BA *Deakin*

#### Professors

Robert W Connell, BA *Melb* PhD FASSA  
 Judyth, Sachs, BA PhD *Old MA WMich.*  
 Geoffrey E Sherington, MA *UNSWPKD McMaster* BA FRAHS  
 (Personal Chair in History of Education)

#### Associate Professors

Associate Professor Stephen J Crump, BA DipEd *Macq* MED  
 PhD

Associate Professor Christine B Inglis, MA *ANU* PhD *Lond* BA

Associate Professor Phillip, Jones, BA PhD,

Associate Professor Murray Print, BA DipEd *WAust* PhD *Ohio*  
 State MA

Associate Professor Anthony R. Welch, HigherDipTeach *Melb*  
 MA PhD

#### Senior Lecturers

Janette Bobis BEd, MEd(Admin.Hons), PhD *UNSW*

Robyn A Ewing, BEd PhD

Michael W Horsley, BEc MEd DipEd

John Hughes, AdCert TESOL *Lond* MA DipEd

Kevin Laws, EdD *Georgia* MA

James D Mackenzie, BA *Monash* MA PhD *UNSW*

Marjorie O'Loughlin, MA *Macq* PhD *UNSW*

Louise Rowling, PhD *S'ton* BA MED DipEd *UNSW MA Macq*  
 MAPsS

Jennifer Simons, MA *UNSW* MA DipEd

David L Smith, BA *NE & Macq* PhD DipEd *Lond*

#### Lecturers

Timothy A Allender, BA DipEd *Monash* MA

Nigel F Bagnall, BA *Auck* BEd DipSLT *Massey* MEd PhD *Melb*

Dianne L Butland, BA *LaT* MEd *NE*

Craig Campbell, BA DipEd PhD *Adel*

Anthony, Curtayne, BSc *Oregon, MA Iowa*, PhD *Cent MEd*

Janet Egan, BA MEd DipEd

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

Marianne Hulsbosch, BEd *Netherlands* MCA *W'gong*

GDipProfArtStud *SCAE*

Llian Merrit, BEd (Business) MEd (Staff Development) GradDip  
 (Currie Development) *SAust*

Janet M Milton, BA MSc *UNSW* DipEd

Sandra, Newell, BEd *Deakin* MEd *W.Syd*

Sandra H Nicholls, BA MVSWhd *Macq* MAPsS MBPS

Harry Oppermann, BA DipEd *UNSW*

Margaret Pickup, MS *Oregon* MEdStud *N'cle(NSW)* DipPE  
 CertHed *W'gong* TC

Tracy Rockwell, MS Oregon DipTeach *Kuring-gai CAE*  
 MACHPER

Ralph Sadler, MA *Macq* BA MACE

Lesley, Scanlon, BA *N'cle (N.S. W)*, DipEd *William Balmain* MA  
*Lond.*

Gail Sunderland, BEd *Brisbane CAE* MPH

Carmel Young, MA DipEd *Macq* MED

*Associate Lecturer*

Te Riele, Kitty, MEd *Hijmeegen*

*Honorary Professor*

John F Cleverley, BA MEd PhD

*Adjunct Professor*

Susan Groundwater-Smith, BA MA PhD

*Honorary Reader*

Robert E Young, BA PhD *Monash* MA *PNG FPES*

*Honorary Senior Lecturer*

Lee C Owens, BS *Lehigh* MA *Claremont* PhD

Ronald C Warren, Teach Cert *Syd Teach Coll* BSc MEd *UNSW*

*Honorary Lecturer*

Alexandra Rivers, BA DipTeach *NZ* MA

Jennifer M. van Gorder, BSc MEd

*Honorary Research Associate*

Ken Johnston, BA DipTeach MA DipSocPsych PhD *Macq*

*Senior Research Associate*

Associate Professor Glennys Howarth

*Ewing Postdoctoral Fellow*

Steve Georgakis, BEd PhD

*U2000 Postdoctoral Fellow*

Robert Reynolds, BA PhD *Melb*

*Honorary Associate*

Dr Colin Pears, DiplAEd GradDipDesign *UTS* MEd

Professor Gordon Stanley, PhD *West Syd*

## i 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:

1. *Prizes awarded automatically on results:* Successful students are notified of these by the Student Records Office.
2. *Prizes awarded on application:* Closing dates for these may be obtained from the Scholarships Office.
3. *Prize compositions:* Details of these may be obtained from the Scholarships Office with whom applications generally close in the first week of second semester.
4. *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 9.30 am to 2.30 pm).
5. *Grants-in-aid:* These are offered by application (closing date: 31 May each year) to postgraduate students seeking assistance with travel or maintenance.
6. *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).

## Scholarships and prizes in Education

Title	Value	Qualification
<b>Undergraduate</b>		
GS Caird Scholarships (currently under suspension)	\$650	Proficiency in the second year Bachelor of Education course
	\$650	Proficiency in the third year Bachelor of Education course
Headford School Prize	\$110 or such sum as determined by Faculty	Proficiency in the course Education HI
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)	\$150	Outstanding essay in courses Education II or Education HI.

7. *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.

All postgraduate scholarships are advertised in the *Bulletin Board* which is available in departments or from the Scholarships Office in the Holme Building.

## Dean's List of Scholars

At its meeting held on 28 March 1995 Faculty resolved to establish an annual Dean's List of Scholars to recognise achievement in academic studies by candidates for undergraduate and postgraduate degrees and graduate diplomas. Faculty views the Dean's List of Scholars as part of the ongoing recognition of both the high standard of academic achievement of Education students and making their achievements known to both the wider University community and the public in general. By publishing such a List the Faculty of Education is able to show that it places a high value on academic quality and that it continues to support and encourage student achievement throughout the duration of student candidatures.

### Form of Dean's List and determination of 'proficiency'

The List will be produced on the basis of academic achievement at High Distinction level during the 2001 calendar year for each of the following courses:

- Education 1
- Education 2
- Education 3
- Science Foundations
- Professional Studies in Primary Education 2nd Year
- Professional Studies in Primary Education 3rd Year
- Professional Studies in Primary Education 4th Year
- Professional Studies in Secondary Education 2nd Year
- Professional Studies in Secondary Education 3rd Year
- Professional Studies in Secondary Education 4th Year
- Professional Studies in Human Movement and Health Education 2nd Year
- Professional Studies in Human Movement and Health Education 3rd Year
- Professional Studies in Human Movement and Health Education 4th Year
- Special Course Honours (4th Year Primary)
- Special Course Honours (4th Year Secondary)

All Class I Honours BEd graduates and University medallists will be included in the List.

For courses with an enrolment of fewer than 50 students, the two most proficient students may be included in the List. For courses with an enrolment of 50 students or more, the three most proficient students may be included in the List. No more than a total of three students from each year of Human Movement Education and Health Education may be included in the List (eg, two from Human Movement Education 2 and one from Health Education 2).

At postgraduate degree level the following programs will be included in the list:

- Up to four students from the Master of Teaching (Secondary Education) and up to 2 students from the Master of Teaching (Primary Education) programs with Honours Class I will be included in the list.
- The two most proficient students satisfying the requirements for award of the Graduate Diploma in Teaching English as a Foreign Language and the Graduate Diploma in Educational Studies will be included in the list.
- All MEd candidates who gain a minimum of four High Distinction grade results for their seminar courses or long essay (including one such result for at least one 600 level course) within their completed candidatures will be included in the list.

Research candidatures:

- Those PhD and EdD candidates whose examiners reports indicate a study of exceptional merit.
- All MPhilEd candidates who gain a level of High Distinction.

Faculty will ensure that the Dean's List of Scholars will reflect academic achievement throughout all its degree and diploma programs.

## Form of Faculty and University recognition

All students included in the annual Dean's List may receive a Faculty certificate and inclusion on the Dean's List will be stated on each student's academic record. The Faculty may publish the Dean's List of Scholars in the Sydney press in order to recognise student achievement.

## ■ Student facilities and societies

### Libraries

The University of Sydney Library, consisting of Fisher Library and over twenty branch and department libraries, offers a wide range of services and collections to support teaching and research programs at undergraduate and postgraduate levels in the University. Resources supporting courses offered by the Faculty of Education are located principally in Fisher Library and the specialist collection of the Alexander Mackie Curriculum Resources Library.

All students with a current borrower's card are eligible to borrow from Fisher Library (both Undergraduate and Research libraries) as well as from any of the branch libraries.

### Alexander Mackie Curriculum Resources Library

The Alexander Mackie Curriculum Resources Library is located in the Old Teachers' College Building, Level 3.

The collection contains curriculum resources to support the teacher education program of the Faculty of Education. The collection covers the years K-12 and includes: documents associated with the New South Wales school curriculum and examination process (eg, publications of the New South Wales Board of Studies - syllabuses and related support documents, examination papers and related publications); policy documents; books; periodicals; audio-visual materials (eg, teaching kits, videos, slides, posters, educational games); and other materials including teachers' guides, manuals and students' workbooks. The collection also includes children's literature and picture books.

Other branch libraries also include resources of relevance to teacher trainees and the New South Wales school curriculum, for example, Badham Library (food science), the Geography Library, and the Medical Library (sport physiology).

Contact Librarian: Jacquei Hicks.

### Fisher Library

The Fisher Library includes the Undergraduate Library (which includes multiple copies of titles for student course work at both undergraduate and postgraduate level) and the Research Library (which includes single copies of titles for research needs).

The collection includes books and periodicals in the areas of educational research and policy, educational psychology, sociology of education, philosophy of education, history of education, comparative education, educational administration, special education, educational and psychological testing, teacher education, and curriculum theory. Fisher Library also houses the ERIC (Educational Resources Information Centre) Microfiche Collection of unpublished documents which cover all aspects of educational theory and practice.

Contact Librarian: Christabel Wescombe.

Fisher Library and Alexander Mackie Curriculum Resources Library offer computerised literature searching facilities (including CD-ROMs), and Reader Education programs in their respective areas of subject expertise, to support the Faculty of Education's courses.

Leaflets describing other services offered by Fisher Library are available from the Library's Information Desk on the third level. Higher degree students should consult the publication Library Resources for Postgraduate Students for details of the many services available to them (eg, inter-library loans/reciprocal borrowing from other libraries).

### University of Sydney Education Society

The year 1992 saw the final stage of the amalgamation of the Sydney Institute of Education with the Faculty of Education.

The Institute had had a very active student body and to continue this work a general meeting of all Faculty of Education students was convened in March 1992 to re-establish the University of Sydney Education Society.

The Education Society is staffed five days per week (Monday to Friday) by Council representatives and student volunteers who carry out all necessary duties on behalf of the Society.



The Society aims to represent the interests of all students enrolled in education in a variety of ways, including participation in the various committees of Faculty, the Academic Board and the Students' Representative Council and the University of Sydney Union.

Many resources are also available through the Society, including cheap photocopying, access to many computers, laser printer, laminator, binder and fax. There is also a women's room with facilities for babies, a microwave oven and free tea and coffee services. The 'Dungeon' located in the Old Teachers' College Building provides a recreation room with pool table, pinball and vending machines for student use.

All students are urged to participate in the Society. Elections are held in September each year for representatives from each course. Also there are various portfolios which have nominated support committees.

Social functions are organised by Activities Officers, including barbecues, harbour cruises, and trivia nights, and all students are encouraged to attend.

The University of Sydney Education Society (USES)

Constitution and Regulations include:

- The promotion of a common meeting ground for teachers, graduates, and undergraduates in the Faculty of Education.
- The promotion of the study of education theory, research and practice across all fields of education.
- Furthering the interest of members and to represent their views, particularly in matters related to their education.
- Promoting and maintaining cooperation between education students and their societies throughout Australia and internationally.
- Organising and promoting social, cultural and education activities amongst students.
- Liaison with the Students' Representative Committee and the University of Sydney Union.

Membership of the Society is open to all undergraduate students (full-time or part-time) and Graduate Diploma of Education students currently enrolled in any degree or diploma offered within the Faculty of Education.

Undergraduate members, on graduating with the degree of Bachelor of Education or Graduate Diploma in Education shall become life members.

The Dean recommends that students join the Society and support its activities.

Enquiries may be directed to the President, in Room 406/A35 in the new Education building, or phone (02) 9351 6350.

### **Summer School**

Most faculties at the University offer units of study from degree programs during January/February. As the University uses all of its HECS quota in first and second semester, these units are full fee-paying and entirely voluntary. However, Summer School units enable students to accelerate their degree progress, make up for a failed unit or fit in a unit which otherwise would not suit their timetables. New students may also gain a head start by completing requisite subjects before they commence their degrees. Units start on 2 January and run for up to six weeks (followed by an examination week). Notice of the units available is contained in the various faculty handbooks and is usually circulated to students with their results notices.



# 10 General University information

See also the Glossary for administrative information relating to particular terms.

## Accommodation Service

The Accommodation Service assists students to find off-campus accommodation by maintaining an extensive database of suitable accommodation in various areas but primarily close to University or within easy access via public transport.

Level 7, Education Building, A35  
The University of Sydney  
NSW 2006 Australia  
Phone: (02) 9351 3312  
Fax: (02) 9351 8262  
TTY: (02) 9351 3412  
Email: [accomm@stuserv.usyd.edu.au](mailto:accomm@stuserv.usyd.edu.au)  
Web: [www.usyd.edu.au/su/accomm](http://www.usyd.edu.au/su/accomm)

## Admissions Office

The Admissions Office is responsible for overseeing the distribution of offers of undergraduate admission and can advise prospective local undergraduate students regarding admission requirements. Postgraduate students should contact the appropriate faculty. If you are an Australian citizen or a permanent resident but have qualifications from a non-Australian institution, phone (02) 9351 4118 for more information. For enquiries regarding Special Admissions (including Mature-Age Entry), phone (02) 9351 3615. Applicants without Australian citizenship or permanent residency should contact the International Office.

Student Centre  
Ground Floor, Carslaw Building, F07  
The University of Sydney  
NSW 2006 Australia  
Phone: (02) 9351 4117 or (02) 9351 4118  
Fax: (02) 9351 4869  
Email: [admissions@records.usyd.edu.au](mailto:admissions@records.usyd.edu.au)

## Applying for a course

Prospective (intending) students must lodge an application form with the Universities Admissions Centre (UAC) by the last working day of September of the year before enrolment. Note that some faculties, such as Pharmacy, the Sydney Conservatorium of Music and Sydney College of the Arts, have additional application procedures.

## Assessment

For matters regarding assessment, refer to the relevant department or school.

## Careers information

Provides careers information and advice, and help in finding course-related employment both while you're studying and when you commence your career.

Careers Centre  
Ground Floor, Mackie Building, K01  
The University of Sydney  
NSW 2006 Australia  
Phone: (02) 9351 3481  
Fax: (02) 9351 5134  
Email: [info@careers.usyd.edu.au](mailto:info@careers.usyd.edu.au)  
Web: [www.careers.usyd.edu.au](http://www.careers.usyd.edu.au)

## Casual Employment Service

The Casual Employment Service helps students find casual and part-time work during their studies and in University vacations.

Level 7, Education Building, A35  
The University of Sydney  
NSW 2006 Australia  
Phone: (02) 9351 8714  
Fax: (02) 9351 8717

Email: [ces@stuserv.usyd.edu.au](mailto:ces@stuserv.usyd.edu.au)  
Web: [www.usyd.edu.au/su/cas\\_emp](http://www.usyd.edu.au/su/cas_emp)

## Centre for Continuing Education

Bridging courses, study skills courses, essay writing courses, accounting extension courses, university preparation courses, access to university courses, non-award short courses.

Mackie Building, KO1  
The University of Sydney  
NSW 2006 Australia  
Phone: (02) 9351 2907  
Fax: (02) 9351 5022  
Email: [info@cce.usyd.edu.au](mailto:info@cce.usyd.edu.au)  
Web: [www.usyd.edu.au/cce](http://www.usyd.edu.au/cce)

## Centre for English Teaching

The Centre for English Teaching (CET) offers a range of English language courses including Academic English, General & Business English and IELTS preparation. CET programs help international students to reach the required English language levels for entry to degrees at the University. Students have the opportunity to take the CET university direct entry test at the completion of their language programs.

Level 2, Building F, 88 Mallett St  
University of Sydney (M02)  
NSW 2006 Australia  
Phone: (02) 9351 0706  
Fax: (02) 9351 0710  
Email: [info@cet.usyd.edu.au](mailto:info@cet.usyd.edu.au)  
Web: [www.usyd.edu.au/cet](http://www.usyd.edu.au/cet)

## Child care

Contact the Child Care Coordinator for information about Children's Services for students and staff of the University who are parents.

Child Care Coordinator  
Level 7, Education Building, A35  
Phone: (02) 9351 5667  
Fax: (02) 9351 7055  
TTY: (02) 9351 3412  
Email: [childc@stuserv.usyd.edu.au](mailto:childc@stuserv.usyd.edu.au)  
Web: [www.usyd.edu.au/su/childcare](http://www.usyd.edu.au/su/childcare)

## Co-op Bookshop

Sells textbooks, reference books, general books and software. Special order services available. The Co-op Bookshop is located at:

Sydney University Sports and Aquatic Centre, G09  
Cnr Codrington St and Darlington Rd  
Phone: (02) 9351 3705 or (02) 9351 2807  
Fax: (02) 9660 5256  
Email: [sydu@mail.coop-bookshop.com.au](mailto:sydu@mail.coop-bookshop.com.au)  
Web: [www.coop-bookshop.com.au](http://www.coop-bookshop.com.au)

## Counselling Service

The Counselling Service aims to help students fulfil their academic, individual and social goals through professional counselling which is free and confidential. Counselling presents an opportunity to: gain greater self awareness; learn to cope more efficiently with the problem at hand; discuss any work related, social or personal issues that cause concern; explore options with professionally trained staff. In addition, workshops are offered each semester on topics such as stress management, relaxation, exam anxiety, communication skills and others.

Level 7, Education Building, A35  
The University of Sydney  
NSW 2006 Australia  
Phone: (02) 9351 2228  
Fax: (02) 9351 7055

Email: [counsell@mail.usyd.edu.au](mailto:counsell@mail.usyd.edu.au)

Web: [www.usyd.edu.au/su/counsell](http://www.usyd.edu.au/su/counsell)

### Disability Services

Disability Services is the principal point of contact and advice on assistance available for students with disabilities. The Service works closely with academic and administrative staff to ensure that students receive reasonable accommodations in all areas of their study. Assistance available includes the provision of notetaking, interpreters, and advocacy with academic staff to negotiate assessment and course requirement modifications where appropriate.

Level 7, Education Building, A35

The University of Sydney

NSW 2006 Australia

Phone: (02) 9351 4554

Fax: (02) 9351 7055

Email: [disserv@stuserv.usyd.edu.au](mailto:disserv@stuserv.usyd.edu.au)

Web: [www.usyd.edu.au/su/disability](http://www.usyd.edu.au/su/disability)

### Enrolment and pre-enrolment

#### *Students entering first year*

Details of the enrolment procedures will be sent with the UAC Offer of Enrolment. Enrolment takes place at a specific time and date, depending on your surname and the Faculty in which you are enrolling, but is usually within the last week of January. You must attend the University in person or else nominate, in writing, somebody to act on your behalf. On the enrolment day, you pay the compulsory fees for joining the Student Union, the Students' Representative Council and sporting bodies and nominate your preferred 'up front' or deferred payment for your Higher Contribution Scheme (HECS) liability. You also choose your first-year units of study, so it's important to consult the Handbook before enrolling.

#### *All other students*

A pre-enrolment package is sent to all enrolled students in late September, and contains instructions on the procedure for pre-enrolment.

### Examinations

The Examinations and Exclusions Office looks after the majority of exam papers, timetables and exclusions. Some faculties, such as the Sydney Conservatorium of Music, make all examination arrangements for the units of study that they offer.

Examinations and Exclusions Office

Student Centre

Level 1, Carlaw Building, F07

The University of Sydney

NSW 2006 Australia

Phone: (02) 9351 4005 or (02) 9351 4006

Fax: (02) 9351 7330

Email: [exams.office@exams.usyd.edu.au](mailto:exams.office@exams.usyd.edu.au)

### Fees

For information on how to pay, where to pay, and if payments have been received.

Fees Office

Margaret Telfer Building, K07

The University of Sydney

NSW 2006 Australia

Phone: (02) 9351 5222

Fax: (02) 93514202

### Financial Assistance Office

The University has a number of loan funds and bursaries to assist students who experience financial difficulties. Assistance is not intended to provide the principal means of support but to help in emergencies and to supplement other income.

Level 7, Education Building, A35

The University of Sydney

NSW 2006 Australia

Phone: (02) 9351 2416

Fax: (02) 9351 7055

TTY: (02) 9351 3412

Email: [fao@stuserv.usyd.edu.au](mailto:fao@stuserv.usyd.edu.au)

Web: [www.usyd.edu.au/su/fin\\_assist](http://www.usyd.edu.au/su/fin_assist)

### 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, to enable a member of the public to obtain access to documents held by the University and to enable a member of the public to ensure that records held by the University concerning his or her personal affairs are not incomplete, incorrect or out of date. By definition, a 'member of the public' includes staff or students of the University.

Application may be made for access to access University documents, however the Act provides some exemptions to particular documents. The Act contains review and appeal mechanisms which are required to be explained to applicants where applicable. The University is required to report to the public on its FOI activities on a regular basis. The two reports provided are the Statement of Affairs and the Summary of Affairs. The Statement of Affairs contains information about the University, its structure and function and the kinds of documents held. The Summary of Affairs identifies each of the University's policy documents and provides a contact list for those wishing to access these documents. Further information, and copies of the current reports may be found at [www.usyd.edu.au/arms/foi/](http://www.usyd.edu.au/arms/foi/).

It is a requirement of the Act that applications be processed and a determination be made generally within 21 days. Determinations are made by the University's Registrar.

### Graduations Office

The Graduations Office is responsible for organising graduation ceremonies and informing students of their graduation arrangements.

Student Centre

Ground Floor, Carlaw Building, F07

The University of Sydney

NSW 2006 Australia

Phone: (02) 9351 3199, (02) 9351 4009, Protocol (02) 9351 4612

Fax: (02) 9351 5072

### (Grievances) appeals

Many decisions about academic and non-academic matters are made each year and you may consider that a particular decision affecting your candidature for a degree or other activities at the University may not have taken into account all the relevant matters.

In some cases the by-laws or resolutions of the Senate (see University Calendar) specifically 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, at the SRC, and on the University's web site at [www.usyd.edu.au/su/planning/policy/](http://www.usyd.edu.au/su/planning/policy/).

If you wish to seek assistance or advice regarding an appeal, contact:

Students' Representative Council

Level 1, Wentworth Building, G01

The University of Sydney

NSW 2006 Australia

Phone: (02) 9660 5222

### HECS

Student Centre

Ground Floor, Carlaw Building, F07

The University of Sydney

NSW 2006 Australia

Phone: (02) 9351 5659, (02) 9351 5062, (02) 9351 2086

Fax: (02) 9351 5081

### International Student Centre

The International Student Centre consists of the International Office (IO), the International Student Services Unit (ISSU) and the Study Abroad and Exchange Office. The International Office provides assistance with application, admission and enrolment procedures and administers scholarships for international students. The ISSU provides a wide range of international student support services including arranging arrival accommodation and offering advice and professional counselling. The Study Abroad and Exchange Unit assists both

domestic and international students who wish to enrol for Study Abroad or Exchange programs.

### **International Student Centre**

Services Building, G12  
The University of Sydney  
NSW 2006 Australia  
Phone: (02) 9351 4079  
Fax: (02) 9351 4013

Email: [info@io.usyd.edu.au](mailto:info@io.usyd.edu.au)

Web: [www.usyd.edu.au/io](http://www.usyd.edu.au/io)

### **International Student Services Unit**

Phone: (02) 9351 4749

Fax: (02) 9351 6818

Email: [info@issu.usyd.edu.au](mailto:info@issu.usyd.edu.au)

Web: [www.usyd.edu.au/issu](http://www.usyd.edu.au/issu)

### **Study Abroad and Exchange Unit**

#### **Study Abroad**

Phone: (02) 9351 5841

Fax: (02) 9351 2795

Email: [studyabroad@io.usyd.edu.au](mailto:studyabroad@io.usyd.edu.au)

Web: [www.usyd.edu.au/io/studyabroad](http://www.usyd.edu.au/io/studyabroad)

#### **Exchange**

Phone: (02) 9351 5843

Fax: (02) 9351 2795

Email: [exchange@io.usyd.edu.au](mailto:exchange@io.usyd.edu.au)

Web: [www.usyd.edu.au/io/exchange](http://www.usyd.edu.au/io/exchange)

#### **Intranet**

USYDnet is The University of Sydney's intranet. It provides easy access to staff and student directories, maps, software and useful resources for both staff and students. As well as delivering information, the intranet provides interactive services such as the calendar of events, where staff and students can enter events and publish them University-wide.

MyUni is the personalised section of USYDnet. All staff and students are provided with access to MyUni through a login name and password. This enables them to customise the information they see and also receive delivery of personal information such as exam results and seat numbers. MyUni is a portal from which students and staff can complete tasks that were previously only possible offline. Web enrolment variation is one of the first of many facilities that are helping to move the every day tasks of all members of the university online.

### **Koori Centre and Yooroang Garang**

The Koori Centre provides tutorial assistance: access to computers, Indigenous counsellor, Aboriginal Studies library study rooms, Orientation program at the beginning of the year, and assistance in study and learning skills. Education Unit: courses in Education for ATSI students. Indigenous Studies Unit: aims to increase the awareness of Indigenous Australian issues through courses across the University.

Ground Floor, Old Teachers' College, A22

The University of Sydney

NSW 2006 Australia

Phone: (02) 9351 2046 general enquiries,

(02) 9351 7003 Liaison Officer

Fax: (02) 9351 6923

Email: [koori@koori.usyd.edu.au](mailto:koori@koori.usyd.edu.au)

Web: [www.koori.usyd.edu.au](http://www.koori.usyd.edu.au)

### **Language Centre**

Provides self-access course materials in over 140 languages. Beginners and intermediate courses in Modern Spanish, Modern Russian, Modern Welsh, Modern Irish, Modern Portuguese languages and cultures; Diploma Course in Modern Language Teaching.

Level 2, Christopher Brennan Building, A18

The University of Sydney

NSW 2006 Australia

Phone: (02) 9351 2371

Fax: (02) 9351 3626

Email: [language.enquiries@language.usyd.edu.au](mailto:language.enquiries@language.usyd.edu.au)

Web: [www.arts.usyd.edu.au/Arts/departs/langcent/home.html](http://www.arts.usyd.edu.au/Arts/departs/langcent/home.html)

### **Learning Centre**

The Learning Centre assists students to develop the generic skills which are necessary for learning and communicating knowledge and ideas at university. The Centre is committed to helping

students to achieve their academic potential throughout their undergraduate and postgraduate studies. 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 the Centre provides are an Individual Learning Program (ILP), a special program for international students, Faculty-based workshops, publications of learning resources and library facilities.

Level 7, Education Building, A35

The University of Sydney

NSW 2006 Australia

Phone: (02) 9351 3853

Fax: (02) 9351 4865

Email: [lc@smserv.usyd.edu.au](mailto:lc@smserv.usyd.edu.au)

Web: [www.usyd.edu.au/su/lc](http://www.usyd.edu.au/su/lc)

### **Library**

Students are welcome to use any of the 22 libraries in the University. The student card is also the library borrower's card. Further details of the libraries, including services provided, locations and opening hours are available on the Library's homepage [www.library.usyd.edu.au](http://www.library.usyd.edu.au) as well as in the printed *Library Guide*, available at any library. Consult the Library staff for assistance.

The libraries listed below are located on the Camperdown/Darlington campus unless otherwise specified.

#### **Architecture Library**

Wilkinson Building, G04

Phone: (02) 9351 2775

Fax: (02) 9351 4782

Email: [architecture@library.usyd.edu.au](mailto:architecture@library.usyd.edu.au)

#### **Badham Library**

Badham Building, A16

Phone: (02) 9351 2728

Fax: (02) 9351 3852

Email: [badham@library.usyd.edu.au](mailto:badham@library.usyd.edu.au)

#### **Biochemistry Library**

Biochemistry Building, G08

Phone: (02) 9351 2231

Fax: (02) 9351 7699

Email: [biochemistry@Ubrary.usyd.edu.au](mailto:biochemistry@Ubrary.usyd.edu.au)

#### **Burkitt-Ford Library**

Sir Edward Ford Bunding, A27

Phone: (02) 9351 4364

Fax: (02) 9351 7125

Email: [burkittford@library.usyd.edu.au](mailto:burkittford@library.usyd.edu.au)

#### **Camden Library**

University Farms, Camden, C15

Phone: (02) 9351 1627

Fax: (02) 4655 6719

Email: [camden@Ubrary.usyd.edu.au](mailto:camden@Ubrary.usyd.edu.au)

#### **Chemistry Library**

Chemistry Building, F11

Phone: (02) 9351 3009

Fax: (02) 9351 3329

Email: [chemistry@Ubrary.usyd.edu.au](mailto:chemistry@Ubrary.usyd.edu.au)

#### **Curriculum Resources Library**

Old Teachers College, A22

Phone: (02) 9351 6254

Fax: (02) 9351 7766

Email: [curriculum@Ubrary.usyd.edu.au](mailto:curriculum@Ubrary.usyd.edu.au)

#### **Dentistry Library**

United Dental Hospital, 2 Chalmers St, Surry HiUs, C12

Phone: (02) 9351 8331

Fax: 9212 5149

Email: [dentistry@library.usyd.edu.au](mailto:dentistry@library.usyd.edu.au)

#### **Engineering Library**

PN RusseU Building, J02

Phone: (02) 9351 2138

Fax: (02) 9351 7466

Email: [engineering@Ubrary.usyd.edu.au](mailto:engineering@Ubrary.usyd.edu.au)

#### **Fisher Library**

Eastern Ave, F03

Phone: (02) 9351 2993

Fax: (02) 9351 2890

Email: [fishinf@Ubrary.usyd.edu.au](mailto:fishinf@Ubrary.usyd.edu.au)



**Geosciences Library**

Madsen Building, F09  
Phone: (02) 9351 6456  
Fax: (02) 9351 6459  
Email: [geosciences@library.usyd.edu.au](mailto:geosciences@library.usyd.edu.au)

**Health Sciences Library**

East St, Lidcombe, C42  
Phone: (02) 9351 9423  
Fax: (02) 9351 9421  
Email: [h.knight@cchs.usyd.edu.au](mailto:h.knight@cchs.usyd.edu.au)

**Law Library**

Law School, 173-175 Phillip St, Sydney, C13  
Phone: (02) 9351 0216  
Fax: (02) 9351 0301  
Email: [library@law.usyd.edu.au](mailto:library@law.usyd.edu.au)

**Mathematics Library**

Carslaw Building, F07  
Phone: (02) 9351 2974  
Fax: (02) 9351 5766  
Email: [mathematics@library.usyd.edu.au](mailto:mathematics@library.usyd.edu.au)

**Medical Library**

Bosch Building, D05  
Phone: (02) 9351 2413  
Fax: (02) 9351 2427  
Email: [medical@library.usyd.edu.au](mailto:medical@library.usyd.edu.au)

**Music Library**

Seymour Centre, J09  
Phone: (02) 9351 3534  
Fax: (02) 9351 7343  
Email: [music@library.usyd.edu.au](mailto:music@library.usyd.edu.au)

**Nursing Library**

88 Mallett St, Camperdown, M02  
Phone: (02) 9351 0541  
Fax: (02) 9351 0634  
Email: [nursing@library.usyd.edu.au](mailto:nursing@library.usyd.edu.au)

**Orange Library**

Leeds Parade, Orange  
Phone: (02) 6360 5594  
Fax: (02) 6360 5637  
Email: [lib@orange.usyd.edu.au](mailto:lib@orange.usyd.edu.au)

**Physics Library**

New Wing, Physics Building, A29  
Phone: (02) 9351 2550  
Fax: (02) 9351 7767  
Email: [physics@library.usyd.edu.au](mailto:physics@library.usyd.edu.au)

**Shaeffer Fine Arts Library**

Mills Building, A26  
Phone: (02) 9351 2148  
Fax: (02) 9351 7624  
Email: [john.spencer@arthist.usyd.edu.au](mailto:john.spencer@arthist.usyd.edu.au)

**Sydney College of the Arts Library**

Balmain Rd, Rozelle, N01  
Phone: (02) 9351 1036  
Fax: (02) 9351 1043  
Email: [scalib@sca.usyd.edu.au](mailto:scalib@sca.usyd.edu.au)

**Sydney Conservatorium of Music Library**

Macquarie St (opposite Bridge St), Sydney, C41  
Phone: (02) 9351 1316  
Email: [library@conmusic.usyd.edu.au](mailto:library@conmusic.usyd.edu.au)

**Mathematics Learning Centre**

The Mathematics Learning Centre runs bridging courses in mathematics at the beginning of the academic year (fees apply). It also provides on-going support during the year through individual assistance and small group tutorials.

Level 4, Carslaw Building, F07  
The University of Sydney  
NSW 2006 Australia  
Phone: (02) 9351 4061  
Fax: (02) 9351 5797  
TTY: (02) 9351 3412  
Email: [mlc@stuserv.usyd.edu.au](mailto:mlc@stuserv.usyd.edu.au)

Web: [www.usyd.edu.au/su/mlc](http://www.usyd.edu.au/su/mlc)

**Part-time, full-time**

Students are normally considered as full-time if they have a HECS weighting 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.

**Privacy**

The University is subject to the NSW Privacy and Personal Information Protection Act 1998 (the Act). Central to the Act is Part 2 which contains twelve Information Protection Principles (IPPs) which regulate the collection, management, use and disclosure of personal information.

In response to Section 33 of the Act the University has developed a Privacy Management Plan which includes a new University Privacy Policy incorporating the requirements of the IPPs. Both the Plan and the new University Privacy Policy were endorsed by the Vice-Chancellor on 28 June 2000. The Privacy Management Plan sets out the IPPs and how they apply to functions and activities carried out by the University.

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 or the Privacy Management Plan should be directed to:

Tim Robinson: (02) 9351 4263 or  
Judith Russell: (02) 9351 2684  
Email: [foi@mail.usyd.edu.au](mailto:foi@mail.usyd.edu.au)

**Student Centre**

Ground Floor, Carslaw Building, F07  
The University of Sydney  
NSW 2006 Australia  
Phone: (02) 9351 3023 General Enquiries  
(02) 9351 4109 Academic Records  
(02) 9351 3023 Discontinuation of Enrolment  
(02) 9351 5057 Handbooks  
(02) 9351 5060 Prizes  
Fax: (02) 9351 5081, (02) 9351 5350 Academic Records

**Student identity cards**

In 1999 the University incorporated a photograph into the student identity card. This means that all students have to provide a colour, passport-sized, head and shoulders photograph when they attend on campus sites to have their student ID card laminated. University student ID cards also function as transport concession cards for eligible students, thus eliminating the need for a separate concession card. The endorsement for concession travel will take the form of a hologram sticker attached to the front of the student ID card.

**Student Services**

Student Services exists to help you achieve your educational goals by providing personal, welfare, and academic support services to facilitate your success at University. Many factors can impact on your well being while studying at University and Student Services can assist you in managing and handling these more effectively. Refer to Accommodation Service, Casual Employment Service, Child Care, Disability Service, Financial Assistance Office, Learning Centre, Mathematics Learning Centre. The web site is at [www.usyd.edu.au/su/stuserv](http://www.usyd.edu.au/su/stuserv).

**The Sydney Summer School**

Most faculties at the University offer units of study from degree programs during January /February. As the University uses all of its HECS quota in first and second semester, these units are full fee-paying and entirely voluntary. However, Summer School units enable students to accelerate their degree progress, make up for a failed unit or fit in a unit which otherwise would not suit their timetables. New students may also gain a head start by completing requisite subjects before they commence their degrees. Units start on 2 January and run for up to six weeks (followed by an examination week). Notice of the units available is contained in the various faculty handbooks and is usually circulated to students with their results notices.

**Timetabling Unit**

The timetabling unit in the Student Centre is responsible for producing students' class and tutorial timetables. Students can obtain their Semester 1 timetables from the Wednesday of Orientation Week via the web.

The Sydney Conservatorium of Music operates in accordance with a local calendar of dates and produces a complete timetable



for all teaching that it delivers. The timetable is available on enrolment at the Conservatorium.

### **Undergraduate Scholarships**

Scholarships Unit, Room 147  
Ground Floor, Mackie Building, KOI  
The University of Sydney  
NSW 2006 Australia  
Phone: (02) 9351 2717  
Fax: (02) 9351 5134  
Email: [scholarships@careers.usyd.edu.au](mailto:scholarships@careers.usyd.edu.au)  
Web: [www.usyd.edu.au/study/](http://www.usyd.edu.au/study/)

### **University Health Service**

Provides full general practitioner services and emergency medical care to the University community.

Email: [director@unihealth.usyd.edu.au](mailto:director@unihealth.usyd.edu.au)  
Web: [www.unihealth.usyd.edu.au](http://www.unihealth.usyd.edu.au)

#### ***University Health Service (Wentworth)***

Level 3, Wentworth Building, G01  
The University of Sydney  
NSW 2006 Australia  
Phone: (02) 9351 3484  
Fax: (02) 9351 4110

#### ***University Health Service (Holme)***

Science Rd Entry, Holme Building, A09  
The University of Sydney  
NSW 2006 Australia  
Phone: (02) 9351 4095  
Fax: (02) 9351 4338

## ■ Student organisations

### **Students' Representative Council**

Level 1, Wentworth Building, G01  
The University of Sydney  
NSW 2006 Australia  
Phone: (02) 9660 5222 Editors, Honi Soit/Legal Aid  
(02) 9660 4756 Second-hand Bookshop  
(02) 9351 0691 Mallett St  
(02) 9230 3777 Pitt St - Conservatorium  
Fax: (02) 9660 4260  
Email: [postmaster@src.usyd.edu.au](mailto:postmaster@src.usyd.edu.au)

### **Sydney University Sports Union**

Services, facilities and clubs for sport, recreation and fitness.

Noel Martin Sports and Aquatic Centre, G09  
The University of Sydney  
NSW 2006 Australia  
Phone: (02) 9351 4960  
Fax: (02) 9351 4962  
Email: [sports\\_union@susu.usyd.edu.au](mailto:sports_union@susu.usyd.edu.au)

### **University of Sydney Union**

Main provider of catering facilities, retail services, welfare programs, and social and cultural events for the University community on the Camperdown and Darlington campuses, and at many of the University's affiliated campuses.

University of Sydney Union  
Box 500, Holme Building, A09  
The University of Sydney  
NSW 2006 Australia  
Phone: (02) 9563 6000 Switchboard/Enquiries  
Fax: (02) 9563 6239  
Email: [email@usu.usyd.edu.au](mailto:email@usu.usyd.edu.au)  
Web: [www.usu.usyd.edu.au](http://www.usu.usyd.edu.au)

### **Women's Sports Association**

Provides for students, predominantly women, to participate in sport and recreation through the provision of facilities, courses and personnel.

The Arena Sports Centre, A30  
The University of Sydney  
NSW 2006 Australia  
Phone: (02) 9351 8111  
Fax: (02) 9660 0921  
Email: [secretary@suwsa.usyd.edu.au](mailto:secretary@suwsa.usyd.edu.au)  
Web: [www.suwsa.usyd.edu.au](http://www.suwsa.usyd.edu.au)

# Glossary

This glossary describes terminology in use at The University of Sydney.

## **Academic Board**

The Academic Board is the senior academic body within the University. In conjunction with faculties, the Academic Board has responsibility for approving, or recommending to Senate for approval, new or amended courses and units of study and policy relating to the admission of students. (For further information, see the University Calendar.)

## **Academic cycle**

The academic cycle is the program of teaching sessions offered over a year. Currently the cycle runs from the enrolment period for Semester 1 through to the completion of the processing of results at the end of Semester 2. (See also *Stage*.)

## **Academic record**

The academic record is 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. A student's academic record is not released to a third party without the written authorisation of the student. (See also *Academic transcript*.)

## **Academic transcript**

An academic transcript is 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 *External transcript*, *Internal transcript*.)

## **Academic year**

An academic year is a normal full-time program taken in a course in a year. Some courses consist of stages, which may readily be equated with academic year. Others use the aggregation of credit points to do this (eg, 48 credit points = an academic year). (See also *Academic cycle*, *Stage*.)

## **Addresses**

All enrolled students need to have a current postal address recorded on FlexSIS to which all official University correspondence is sent. (See also *Business address*, *Permanent home address*, *Semester address*, *Temporary address*.)

## **Admission**

Admission is governed by the University's admission policy and is the process for identifying applicants eligible to receive an initial offer of enrolment in a course at the University. Admission to most courses is based on performance in the HSC with applicants ranked on the basis of their UAI. Other criteria such as a portfolio, interview, audition, or results in standard tests may also be taken into account for certain courses.

## **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 Universities Admission Index (UAI).

## **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.

## **Admission mode**

Admission mode is 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. The main admission period takes place before Semester 1, but there may also be an admission period for mid-

year applicants before the beginning of Semester 2 and other admission periods.

## **Admission reply**

A code used by FlexSIS to indicate whether an applicant who has received an offer has accepted the offer or not.

## **Admission result**

A code used by FlexSIS to indicate the result of a direct application to study at the University (eg, offer, unsuccessful, withdrawn).

## **Admission year**

The year the student began the course.

## **Advanced diplomas**

See *Award course*.

## **Advanced standing**

See *Credit*.

## **Advisor**

A member of academic staff appointed in an advisory role for some postgraduate coursework students. (See also *Associate supervisor*, *Instrumental supervisor (teacher)*, *Research supervisor*, *Supervision*.)

## **Annual Progress Report**

The Annual Progress Report is a form issued by faculties which is 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 nominee). The completed form is attached to the student's official file.

FlexSIS records that the form has been sent out and that it has been satisfactorily completed.

## **APA**

Australian Postgraduate Awards. (See also *Scholarships*, *UPA*.)

## **Appeals**

Students may lodge appeals against academic or disciplinary decisions. FlexSIS will record an academic appeal (eg, against exclusion) while they are under consideration and will record the outcome of the appeal. Disciplinary (that is, non-academic) appeals are not recorded on FlexSIS.

## **ARTS**

Automated Results Transfer System. This system was developed on behalf of ACTAC (Australasian Conference of Tertiary Admissions Centres) to allow the electronic academic record of a student to be accessible, via an admission centre, between tertiary institutions.

## **Assessment**

The process of measuring the performance of students in units of study and courses. The assessment of performance in a unit of study may include examinations, essays, laboratory projects, or assignments. (See also *Board of examiners*, *Result processing*, *Result processing schedule*.)

## **Associate supervisor**

A person who is appointed in addition to the supervisor of a research student who can provide the day-to-day contact with the candidate or provide particular expertise or additional experience in supervision. (See also *Advisor*, *Instrumental supervisor (teacher)*, *Research supervisor*, *Supervision*.)

## **Assumed knowledge**

For some units of study, a student is assumed to have passed a relevant subject at the HSC and 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 the unit of study. (See also *Prerequisite*.)

## **Attendance mode**

A DETYA classification defining the manner in which a student is undertaking a course - ie, internal, external, mixed or offshore.

## **Attendance pattern/type**

Refers to whether the student is studying part-time or full-time. For coursework students this is a function of course load - ie, the

proportion being undertaken by the student of the normal full-time load specified for the course in which the student is enrolled. To be considered full-time, a coursework student must undertake at least 0.75 of the normal full-time load over the academic cycle or at least 0.375 if only enrolling in half of an academic year. It is important to note, however, that, for some purposes, to be considered full-time a student may need to be enrolled in at least 0.375 in each half year. Research students, with the approval of their faculty, nominate whether they wish to study part-time or full-time. The attendance status is men recorded on FlexSIS as part of the application or enrolment process. (See also *Coursework*, *Student load*.)

#### **AusAID**

Australian Agency for International Development.

#### **AUSCHECK**

AUSCHECK is the software provided by Centrelink to validate data prior to reporting to Centrelink.

#### **AUSTUDY**

Replaced by Youth Allowance. (See also *Youth Allowance*.)

#### **Award course**

An award course is a formally approved program of study that can lead to an academic award granted by the University. An award course requires the completion of a program of study specified by course rules. (See also *Course rules*.) Award courses are approved by Senate, on the recommendation of the Academic Board. Students normally apply to transfer between Award courses through the UAC. The award course name will appear on testamurs. The University broadly classifies courses as undergraduate, postgraduate coursework or postgraduate research. The award courses offered by the University are:

- Higher doctorates
- Doctor of philosophy (PhD)
- Doctorates by research and advanced coursework
- Master's degree by research
- Master's degree by coursework
- Graduate diploma
- Graduate certificate
- Bachelor's degree
- Advanced diplomas
- Diplomas
- Certificates

(See also *Bachelor's degree*, *Course rules*, *Diploma*, *Doctorate*, *Major*, *Master's degree*, *Minor*, *PhD*, *Stream*.)

#### **Bachelor's degree**

The highest undergraduate award offered at the University of Sydney. A bachelor's degree course normally requires three or four years of full-time study or the part-time equivalent. (See also *Award course*.)

#### **Barrier**

A barrier is an instruction placed on a student's FlexSIS record that prevents the student from re-enrolling or graduating. (See also *Deadline (fees)*, *Suppression of results*.)

#### **Board of examiners**

A Board of examiners was a body appointed by a faculty or board of studies which met to approve the results of all students undertaking courses supervised by that faculty or board of studies. Boards of examiners were dis-established following revision of the University's examination procedures in 2000. (See also *Assessment*, *Result processing*, *Result processing schedule*.)

#### **Board of studies**

An academic body which supervises a course or courses and which is similar to a faculty except that it is headed by a chair rather than a dean and does not supervise PhD candidates.

#### **Bursaries**

See *Scholarships*.

#### **Business address**

FlexSIS can record a student's business address and contact details. (See also *Addresses*, *Permanent home address*, *Semester address*, *Temporary address*.)

#### **Cadigal Program**

The Cadigal Program is a University wide access and support scheme for Aboriginal and Torres Strait Islanders.

#### **Campus**

The grounds on which the University is situated. There are eleven campuses of the University of Sydney: Burren Street (Institute for International Health, Institute of Transport Studies),

Camperdown and Darlington (formerly known as Main Campus), Camden (Agriculture and Veterinary Science), Conservatorium (Conservatorium of Music), Cumberland (Health Sciences), Mallett Street (Nursing), Orange (Faculty of Rural Management), Rozelle (Sydney College of the Arts), St James (Law) and Surry Hills (Dentistry).

#### **Census date**

See HECS census date.

#### **Centre for Continuing Education**

The Centre for Continuing Education develops and conducts courses, conferences and study tours for the general public and professional groups. The Centre offers approximately 1,000 courses for approximately 20,000 students each year. Most of these courses are held over one of the four main sessions that are conducted each year, though the Centre is offering an increasing number of ad hoc courses in response to increased competition and changing demands. The Centre operates on a cost recovery/income generation basis. (See also *Continuing professional education*.)

#### **Centrelink**

Centrelink is the agency responsible for providing information and assistance on a range of Commonwealth Government programs including Youth Allowance. (See also *Youth Allowance*.)

#### **Ceremony**

See *Graduation ceremony*.

#### **Chancellor**

The non-executive head of the University. An honorary position, the Chancellor chairs meetings of the University's governing body, the Senate, and presides over graduation ceremonies amongst other duties.

#### **Class list**

A listing of all currently enrolled students in a particular unit of study. (See also *Unit of study*.)

#### **Combined course**

A course which leads to two awards. For example the Arts/Law course leads to the separate awards of Bachelor of Arts and Bachelor of Laws.

#### **Combined degree**

See *Combined course*.

#### **Commencing student**

A student enrolling in an award course at the University of Sydney for the first time. The DETYA glossary provides a more detailed definition.

#### **Comp subs**

See *Compulsory subscriptions*.

#### **Compulsory subscription rates**

There are two rates for some annual subscriptions: full-time and part-time. (See also *Compulsory subscriptions*.)

#### **Compulsory subscription waiver provision**

Certain students over a certain age or with disabilities or medical conditions may be exempted from the subscription to the sports body.

Students with a conscientious objection to the payment of subscriptions to unions of any kind may apply to the Registrar for exemption. The Registrar may permit such a student to make the payment to the Jean Foley Bursary Fund instead. (See also *Compulsory subscriptions*.)

#### **Compulsory subscriptions**

Each enrolled student is liable to pay annual (or semester) subscriptions as determined by the Senate to the student organisations at the University. These organisations are different on different campuses. There are different organisations for undergraduate and postgraduate students.

At the Camperdown/Darlington campus (formerly known as Main Campus), compulsory submissions depend on the level of study.

Undergraduate: the University of Sydney Union, Students' Representative Council (SRC) and the University of Sydney Sports Union or the Sydney University Women's Sports Association.

Postgraduate: the University of Sydney Union and the Sydney University Postgraduate Representative Association (SUPRA).

Student organisations at other campuses include: the Conservatorium Student Association, the Cumberland Student Guild, the Orange Agricultural College Student Association and the Student Association of Sydney College of the Arts.

(See also *Compulsory subscription rates, Compulsory subscription waiver provision, Joining fee, Life membership.*)

### **Confirmation of Enrolment form**

A Confirmation of Enrolment form is issued to students after enrolment showing the course and the units of study they are enrolled in, together with the credit point value of the units of study and the HECS weights. Until all fees are paid, it is issued provisionally.

A new Confirmation of Enrolment form is produced every time a student's enrolment is varied.

For postgraduate research students the form also lists candidature details and supervisor information.

Where students have an appointed advisor, the advisor information is also shown.

### **Continuing professional education**

The continuing professional education process provides a number of programs of continuing education courses for professionals as they move through their career. These programs are presently administered by the Centre for Continuing Education and a number of departments and Foundations across the University. This process supports the whole of life learning concept and requires/promotes the maintenance of a long term relationship between the student and the University. It is envisaged that the importance of this mode of education will increase in the future. (See also *Centre for Continuing Education.*)

### **Convocation**

Convocation is the body comprising all graduates of the University.

### **Core unit of study**

A unit of study that is compulsory for the course or subject area. (See also *Unit of study.*)

### **Corequisite**

A corequisite is a unit of study which 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.*)

### **Course**

An award course or non-award course undertaken at the University of Sydney. (See also *Award course, Non-award course.*)

### **Course alias**

Each course in FlexSIS is identified by a unique five-digit alphanumeric code.

### **Course code**

See *Course alias*.

### **Course leave**

Students (undergraduate and postgraduate) 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 and recorded on FlexSIS (leave for periods of less than one semester should be recorded internally by the faculty). 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 reapply formally for admission. The term 'suspension of candidature' was previously used to describe research students on course leave.

### **Course (research)**

A classification of courses in which students undertake supervised research leading to the production of a thesis or other piece of written or creative work over a prescribed period of time. The research component of a research course must comprise 66% or more of the overall course requirements.

### **Course rules**

Course rules govern the allowable enrolment of a student in a course; eg, a candidate may not enrol in units of study having a total value of more than 32 credit points per semester. Course rules also govern the requirements for the award of the course - eg, a candidate must have completed a minimum of 144 credit points. Course rules may be expressed in terms of types of units of study taken, length of study, and credit points accumulated. (See also *Award course.*)

### **Course suspension**

See *Course leave*.

### **Course transfer**

A course transfer occurs where a student changes from one course in the University to another course in the University without the requirement for an application and selection (eg, from a PhD to a master's program in the same faculty).

### **Course type**

Course type is a DETYA code.

### **Coursework**

Coursework is a classification used to describe those courses that consist of units of study rather than research work. All undergraduate courses are coursework programs. Postgraduate courses can be either research courses or coursework courses. (See also *Course (research).*)

### **Credit**

The recognition of previous studies successfully completed at this or another recognised (by the University of Sydney) university or tertiary institution as contributing to the requirements for the award of the course in which the applicant requesting such recognition has been admitted.

Where the University agrees to recognise successfully completed previous studies, their contribution to the requirements for the award of the course, in which the applicant has been admitted, will be expressed as specific or non-specific credit.

Credit awarded to a credit applicant - whether specific or non-specific - will be recorded with a mark and grade of 50 pass, unless in individual cases the credit is assessed by the faculty as having a mark and grade greater than 50 pass. This equivalent mark and grade will be used for the purposes of calculating a student's weighted average mark and for the purposes of satisfying prerequisite rules where a level of passing grade is specified.

(See also *Precedents, Specific credit, Non-specific credit, Waiver, Weighted average mark (WAM).*)

### **Creditpoints**

Credit points are a measure of value indicating the contribution each unit of study provides towards meeting course completion requirements stated as a total credit point value. Each unit of study will have a credit point value assigned to it, normally in the range 3 to 24. Resolutions of Senate set the number and level of credit points required for graduation.

### **Cross-institutional enrolment**

Cross-institutional enrolment is an enrolment in units of study at one university to count towards an award course at another university. Cross-institutional enrolments incur a HECS liability or tuition fee charge at the institution at which the unit of study is being undertaken. Students pay compulsory subscriptions to one university only (usually their home university - ie, the university which will award their degree). (See also *Non-award course, Enrolment non-award.*)

### **DAC (Data Audit Committee)**

DAC is a sub-committee of the VCAC Enrolment Working Party, chaired by the Registrar, with membership including the deans, the Student Centre, FlexSIS and the Planning Support Office. Its role is to oversee the integrity and accuracy of the course and unit of study data as strategic university data. It has a role in advising the Academic Board on suggested policy changes with relation to course and unit of study data.

### **Deadlines (enrolment variations)**

See *Enrolment variations*.

### **Deadlines (fees)**

The University has deadlines for the payment of fees (eg, HECS, compulsory subscriptions, course fees, etc). 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 *Barrier.*)

### **Dean**

The head of a faculty or the principal or director of a college (such as the Conservatorium of Music or the Sydney College of Arts).

### **Dean's certificate**

A statement from the 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**

See *Admission (deferment), Leave.*

**Degree**

(See also *Award course, Bachelor's degree.*)

**Delivery mode**

Indicates the mode of delivery of the instruction for a unit of study - eg, normal (ie, by attending classes at a campus of the University), distance (ie, remotely by correspondence or other distance means - eg, Web delivery). The delivery mode must be recorded for each unit as distinct from the attendance mode of the student - ie, an internal student may take one or more units by distance mode and an external student may attend campus for one or more units.

**Department**

For the purposes of FlexSIS, a department is the academic unit, which is 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.

**DETYA**

The Department of Education Training and Youth Affairs is the Commonwealth Government department responsible for higher education. The University is required to provide DETYA with information about its students three times a year. The Government in its funding deliberations uses this information.

**Differential HECS**

See *Higher Education Contribution Scheme (HECS).*

**Diploma**

The award granted following successful completion of diploma course requirements. A diploma course usually requires less study than a degree course. Graduate diploma courses are only available to students who already hold an undergraduate degree. (See also *Award course.*)

**Direct admissions**

For some courses, applications may be made directly to the University. Applications are received by faculties or the International Office, registered on FlexSIS and considered by the relevant department or faculty body. Decisions are recorded on FlexSIS and FlexSIS produces letters to applicants advising them of the outcome. (See also *Admission, UAC admissions.*)

**Disability information**

Students may inform the University of any temporary or permanent disability, other than a financial disability, which affects their life as a student. Disability information is recorded in FlexSIS but it is only visible to particular authorised users because of its sensitive nature.

**Discipline codes**

Discipline codes are four-letter codes for each area of study available at the university (eg, CHEM Chemistry, ECON Economics).

**Discipline group**

A DETYA 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 dissertation is a written exposition of a topic and 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 Architecture and Law.

**Distance and flexible learning**

Distance and flexible learning affords the opportunity to provide higher education to a much wider market - including students from anywhere in the world- at times, locations and modes that suit them.

**Doctor of philosophy (PhD)**

See *Award course, Doctorate, PhD.*

**Doctorate**

The doctorate and the PhD are high-level postgraduate awards available at the University of Sydney. A doctorate course normally involves research and coursework; the candidate submits a thesis that is an original contribution to the field of

study. Entry to a doctorate course often requires completion of a master's degree course. Note that the doctorate course is not available in all departments at the University of Sydney. (See also *Award course, PhD.*)

**Earliest date**

See *Research candidature.*

**EFTSU**

The equivalent full-time student unit (EFTSU) is a measure of student load expressed as a proportion of the workload for a standard annual program for a student undertaking a full year of study in a particular award course. A student undertaking the standard annual program of study (normally 48 credit points) generates one EFTSU.

**EFTYR**

The effective full-time enrolment year (EFTYR) is a calculation of how long, in terms of equivalence to full-time years of enrolment, a student has been enrolled in a course. If a student has always been full-time, the calculation is straightforward (eg, the fifth year of enrolment is EFTYR 5). If the student has had a mixture of part-time and full-time enrolment, this can be equated with an EFTYR. (See also *Stage.*)

**Enrolment**

A student enrolls in a course by registering with the supervising faculty in the units of study to be taken in the coming year, semester or session. The student pays whatever fees are owing to the University by the deadline for that semester. New students currently pay on the day they enrol which is normally in early February. Students already in a course at the University re-enrol each year or semester; for most students pre-enrolment is required. (See also *Pre-enrolment.*)

**Enrolment non-award**

Non-award enrolment is an enrolment in a unit or units of study, which does not count towards a formal award of the University. Non-award enrolments are recorded in various categories used for reporting and administrative purposes. (See also *Cross-institutional enrolment, Non-award course.*)

**Enrolment status**

A student's enrolment status is either 'enrolled' or 'not enrolled'. An enrolment status is linked to an enrolment status reason or category.

**Enrolment status reason/category**

Not enrolled status reasons/categories include: withdrawn, totally discontinued, cancelled, on leave (suspended), transferred, lapsed, terminated, qualified and conferred.

**Enrolment variation**

Students may vary their enrolment at the beginning of each semester. Each faculty determines its deadlines for variations, but HECS liability depends on the HECS census date. (See also *HECS.*)

**Enrolment year**

See *EFTYR, Stage.*

**Examination**

See *Examination paper code, Examination period, Supplementary exams.*

**Examination paper code**

A code that identifies each individual examination paper. Used to help organise examinations.

**Examination period**

The examination period is the time set each semester for the conduct of formal examinations.

**Exchange student**

An exchange student is either a student of the University of Sydney who is participating in a formally agreed program involving study at an overseas university or an overseas student who is studying here on the same basis. The International Office provides administrative support for some exchanges.

**Exclusion**

The faculty may ask a student whose academic progress is considered to be unsatisfactory to 'show 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. 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 exclusion is set out in the University Calendar. (See also *Senate appeals*.)

**Extended semesters**

Distance learning students may be allowed more time to complete a module/program if circumstances are beyond the student's control - eg, drought, flood or illness, affect the student's ability to complete the module/program in the specified time.

**External**

See *Attendance mode*.

**External transcript**

An external transcript is 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 and the final course result and all units of study attempted within each course together with the result (but not any unit of study which has the status of withdrawn). It also includes any scholarships or prizes the student has received. Two copies are provided to each student on graduation (one with marks and grades for each unit of study and one with grades only). External transcripts are also produced at the request of the student. The student can elect either to have marks appear on the transcript or not. (See also *Academic transcript*, *Internal transcript*.)

**Faculty**

A faculty, consisting mainly of academic staff members and headed by a dean, is a formal part of the University's academic governance structure, responsible for all matters concerning the award courses that it supervises (see the 2001 University Calendar, pp. 140-141). Usually, a faculty office administers the faculty and student or staff inquiries related to its courses. The Calendar sets out the constitution of each of the University's 17 faculties. (See also *Board of studies*, *Supervising faculty*.)

**Fail**

A mark of less than 50% which is not a concessional pass. (See also *Results*.)

**Fee-paying students**

Fee-paying students are students who pay tuition fees to the University and are not liable for HECS.

**Fee rate**

Local fees are charged in bands, a band being a group of subject areas. The bands are recommended by faculties and approved by the DV-C (Planning and Resources).

**Fee type**

Fee type can be 'international' or 'local'.

**Flexible learning**

See *Distance* and *Flexible learning*.

**Flexible start date**

Full fee-paying distance students should not be restricted to the same enrolment time frames as campus-based or HECS students.

**FlexSIS**

FlexSIS is the computer-based Flexible Student Information System at the University of Sydney. Electronically 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. FlexSIS also holds the complete academic records of many (but not all) past students of the university. For past students whose complete records are not held on FlexSIS, there will be a reference on FlexSIS to card or microfiche records where details are kept.

**Full-time student**

See *Attendance status*, *EFTSU*.

**Grade**

A grade is a result outcome for a unit of study normally linked with a mark range. For example, in most faculties, a mark in the range 85-100 attracts the grade 'high distinction' ('HD'). (See also *Mark*.)

**Graduand**

A Graduand is a student who has completed all the requirements for an award course but has not yet graduated. (See also *Graduation*, *Potential graduand*.)

**Graduate**

A graduate is a person who holds an award from a recognised tertiary institution. (See also *Graduand*, *Graduation*.)

**Graduate certificate**

See *Award course*.

**Graduate diploma**

See *Award course*.

**Graduate register**

The graduate register is a list of all graduates of the University. (See also *Graduation*.)

**Graduation**

Graduation is the formal conferring of awards either at a ceremony or in absentia. (See also *In absentia*, *Potential graduand*.)

**Graduation ceremony**

A graduation ceremony is a ceremony where the Chancellor confers awards upon graduands. The Registrar publishes annually the schedule of graduation ceremonies.

**HECS**

See *Higher Education Contribution Scheme (HECS)*.

**HECS census date**

The date at which a student's enrolment, load and HECS liability are finalised before reporting to DETYA. The following dates apply:

Semester 1: 31 March

Semester 2: 31 August.

**HECS code**

A code used by DETYA to identify the HECS status of a student (eg, 10 deferred, 11 upfront).

**Higher doctorates**

See *Award course*.

**Higher Education Contribution Scheme (HECS)**

All students, except international students, local fee-paying students and holders of certain scholarships are obliged to contribute towards the cost of their education under the Higher Education Contribution Scheme (HECS). HECS liability depends on the load being taken.

Current students, except possibly those who began their studies prior to 1997, have a HECS rate charged for each unit of study in their degree program which depends on the 'discipline group' it is in, and the 'band' to which the Government has assigned it. These are all determined annually by the Government.

**Honorary degrees**

A degree *honoris causa* (translated from the Latin as 'for the purpose of honouring') is an honorary award, which is conferred on a person whom the University wishes to honour.

A degree *ad eundem gradum* (translated as 'at the same level') is awarded to a member of the academic staff who is not a graduate of the University in recognition of outstanding service to the University. The award of an honorary degree is noted on the person's academic record.

**Honours**

Some degrees may be completed 'with Honours'. This may involve either the completion of a separate Honours year or additional work in the later years of the course or meritorious achievement over all years of the course. Honours are awarded in a class (Class 1, Class II, Class III) and sometimes there are two divisions within Class II.

**HSC**

The HSC is the NSW Higher School Certificate, which is normally completed at the end of Year 12 of secondary school. The UAI (Universities Admission Index) is a rank out of 100 that is computed from a student's performance in the HSC.

**In absentia**

*In absentia* is Latin for 'in the absence of'. Awards are conferred in absentia when a graduand does 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 Conservatorium of Music and BMus students on the Camperdown campus have an instrumental teacher appointed. (See also *Advisor*, *Associate supervisor*, *Research supervisor*, *Supervision*.)

**Internal**

See *Attendance mode*.

**Internal transcript**

An Internal transcript is a record of a student's academic record for the University's own internal use. It includes the student's



name, 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**

An International student is required to hold a visa to study in Australia and may be liable for international tuition fees. Any student who is not an Australian or New Zealand citizen or a permanent resident of Australia is an international student. New Zealand citizens are not classified as international students but have a special category under HECS that does not permit them to defer their HECS liability. (See also *Local student, Student type.*)

#### **Joining fee**

Students enrolling for the first time pay, in addition, a joining fee for the University of Sydney Union or equivalent student organisation. (See also *Compulsory subscription.*)

#### **Leave**

See *Course leave.*

#### **Life membership**

Under some circumstances (eg, after five full-time years of enrolments and contributions) students may be granted life membership of various organisations, which means they are exempt from paying yearly fees. (See also *Compulsory subscription.*)

#### **Load**

Load for an individual student is the sum of the weights of all the units of study in which the student is enrolled. (See also *EFTSU, HECS.*)

#### **Local student**

A local student is either an Australian or New Zealand citizen or Australian permanent resident. New Zealand citizens are required to pay their HECS upfront. (See also *Fee type, HECS, International student.*)

#### **Major**

A major is a defined program of study, generally comprising 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 prescribed in order to satisfy course requirements. Majors may be included on testamurs. (See also *Award course, Minor, Stream.*)

#### **Major timetable clash**

Used by FlexSIS to denote occasions when a student attempts to enrol in units of study which have so much overlap in the teaching times that it has been decided that students must not enrol in the units together.

#### **Mark**

An integer (rounded if necessary) between 0 and 100 inclusive, 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 *Award course.*)

#### **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, Course (research), Coursework.*)

#### **Minor**

A minor is a defined program of study, generally comprising units of study from later stages of the award course and requiring a 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 prescribed in order to satisfy course requirements. Minors may be included on testamurs. (See also *Award course, Major, Stream.*)

#### **Minor timetable clash**

Used by FlexSIS to denote occasions when a student attempts to enrol in units of study which have some identical times of teaching.

#### **Mixed mode**

See *Attendance mode.*

#### **Mode**

See *Attendance mode* and *Delivery mode.*

#### **Mutually exclusive units of study**

See *Prohibited combinations of units of study.*

#### **MyUni**

MyUni is a personalised space for staff and students on the University of Sydney's intranet, called USYDnet. MyUni is used to deliver information and services directly through a central location, while also allowing users to customise certain information. Students are able to access such services as exam seat numbers, results, timetables and FlexSIS pre-enrolment and enrolment variations on MyUni. (See also *UsydNet.*)

#### **Non-award course**

Non-award courses are courses undertaken by students who are not seeking an award from the University. These may be students enrolled in an award course at another institution or students not seeking an award from any institution. Non-award courses are assigned a course code in the same way as award courses. A separate course code is assigned for each faculty, level (undergraduate or postgraduate) and method (research or coursework) which offers a non-award course. Various categories of non-award enrolment are recorded on FlexSIS for reporting and administrative purposes. (See also *Course, Cross-institutional enrolment, Enrolment non-award.*)

#### **Non-award enrolment**

See *Enrolment non-award.*

#### **Non-specific credit**

Non-specific credit is awarded when previous studies are deemed to have satisfied defined components of a course other than named units of study. These components include, but are not limited to:

- entire years in courses that progress through the successful completion of a set of prescribed units of study per year
- a set number of credit points within a particular discipline or level (ie, first, second or third year)
- one or more semesters for research courses.

(See also *Credit, Specific credit.*)

#### **OPRS**

Overseas Postgraduate Research Scholarship.

#### **Orientation Week**

Orientation or 'O Week', takes place during the week prior to lectures in Semester 1. 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.

#### **Part-time student**

See *Attendance status, EFTSU.*

#### **Permanent home address**

The permanent home address is the address for all official University correspondence both inside and outside of semester time (eg, during semester breaks), unless overridden by semester address. (See also *Addresses, Business address, Semester address, Temporary address.*)

#### **PhD**

The Doctor of Philosophy (PhD) and other doctorate awards are the highest awards available at the University of Sydney. A PhD course is normally purely research-based; the candidate submits a thesis that is an original contribution to the field of study. Entry to a PhD course often requires completion of a master's degree course. Note that the PhD course is available in most departments in the University of Sydney. (See also *Award course, Doctorate.*)

#### **Postgraduate**

A term used to describe a course leading to an award such as graduate diploma, a master's degree or PhD, which usually requires prior completion of a relevant undergraduate degree (or diploma) course. A 'postgraduate' is a student enrolled in such a course.

#### **Potential graduand**

Potential graduands are students who have been identified as being eligible to graduate on the satisfactory completion of their current studies. (See also *Graduand, Graduation.*)

#### **Precedents**

Where a credit applicant has credit approved in terms of the granting of specific or non-specific credit on the basis of study previously taken, a precedent is established at system level. Any other credit applicant subsequently seeking credit on the basis of the same pattern of previous study will be eligible to have the item of credit to be immediately approved on the basis of the previously approved precedent. (See also *Credit.*)

**Pre-enrolment**

Pre-enrolment takes place in October for the following year. Students indicate their choice of unit of study enrolment for the following year. After results are approved, registered students are regarded as enrolled in those units of study they chose and for which they are qualified. Their status is 'enrolled' and remains so provided they pay any money owing or comply with other requirements by the due date. Re-enrolling students who do not successfully register 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. Pre-enrolment is also known as provisional re-enrolment. (See also *Enrolment*.)

**Prerequisite**

A prerequisite is a unit of study that is required to be completed before another unit of study can be attempted. (See also *Assumed knowledge, Corequisite, Waiver*.)

**Prizes**

Prizes are awarded by the University, a faculty or a department for outstanding academic achievement. Full details can be found in the University Calendar.

**Probationary candidature**

A probationary candidate is a student who is enrolled in a postgraduate course on probation for a period of time up to one year. The head of department 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.

**Progression**

See *Course progression*.

**Prohibition (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. A unit related in this way to any other unit is linked in tables of units of study via use of the symbol N to identify related prohibited units.

**Provisional re-enrolment**

See *Pre-enrolment*.

**Qualification**

A qualification is an academic attainment recognised by the University.

**Registrar**

The Registrar is responsible to the Vice-Chancellor for the keeping of official records and associated policy and procedures within the University. (See the University Calendar for details.)

**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 person will be a full-time member of the academic staff or a person external to the University appointed in recognition of their association with the clinical teaching or the research work of the University. A research supervisor is commonly referred to as a supervisor. (See also *Advisor, Associate supervisor, Instrumental supervisor (teacher), Supervision*.)

**Resolutions of Senate**

Regulations determined by the Senate of the University of Sydney that pertain to degree and diploma course requirements and other academic or administrative matters.

**Result processing**

Refers to the processing of assessment results for units of study. Departments tabulate results for all assessment activities of a unit of study and assign preliminary results for each unit of study. Preliminary results are considered by the relevant board of examiners, which approves final results. Students are notified of results by result notices that list final marks and grades for all units of study. (See also *Assessment, Examination period*.)

**Result processing schedule**

The result processing schedule will be determined for each academic cycle. It is expected that all departments and faculties will comply with this schedule. (See also *Assessment, Examination period, Result processing*.)

**Results**

The official statement of the student's performance in each unit of study attempted, as recorded on the academic transcript, usually expressed as a grade:

HD	High distinction	a mark of 85-100
D	Distinction	a mark of 75-84
CR	Credit	a mark of 65-74
P	Pass	a mark of 50-64
R	Satisfied requirements	This is used in pass/fail only outcomes
UCN	Unit of study continuing	Used at the end of semester for units of study that have been approved to extend into a following semester. This will automatically flag that no final result is required until the end of the last semester of the unit of study.
PCON	Pass (concessional)	A mark of 46-49. Use of this grade is restricted to those courses that allow for a concessional pass of some kind to be awarded. A student may re-enrol in a unit of study for which the result was PCON. Each faculty will determine and state in its course regulations what proportion, if any, may count - eg, 'no more than one sixth of the total credit points for a course can be made up from PCON results'.
F	Fail	This grade may be used for students with marks of 46-49 in those faculties which do not use PCON
AF	Absent fail	Includes non-submission of compulsory work (or non-attendance at compulsory labs, etc) as well as failure to attend an examination
W	Withdrawn	Not recorded on an external transcript. This is the result that obtains where a student applies to discontinue a unit of study by the HECS census date (ie, within the first four weeks of enrolment).
DNF	Discontinued - not to count as failure	Recorded on external transcript. This result applies automatically where a student discontinues after the HECS Census Date but before the end of the seventh week of the semester (or before half of the unit of study has run, in the case of units of study which are not semester-length). A faculty may determine that the result of DNF is warranted after this date if the student has made out a special case based on illness or misadventure.
DF	Discontinued - fail	Recorded on transcript. This applies from the time DNF ceases to be automatically available up to the cessation of classes for the unit of study.

MINC	Incomplete with a mark of at least 50	This result may be used when examiners have grounds (such as illness or misadventure) for seeking further information or for considering additional work from the student before confirming the final mark and passing grade. Except in special cases approved by the Academic Board, this result will be converted to a normal passing mark and grade either: <ul style="list-style-type: none"> <li>■ by the dean at the review of examination results conducted pursuant to section 2 (4) of the Academic Board policy 'Examinations and Assessment Procedures'; or</li> <li>• automatically to the indicated mark and grade by the third week of the immediately subsequent academic session.</li> </ul> Deans are authorised to approve the extension of a MTNC grade for individual students having a valid reason for their incomplete status.
INC	Incomplete	This result is used when examiners have grounds (such as illness or misadventure) for seeking further information or for considering additional work from the student before confirming the final result. Except in special cases approved by the Academic Board, this result will be converted to a normal permanent passing or failing grade either: <ul style="list-style-type: none"> <li>• by the dean at the review of examination results conducted pursuant to section 2 (4) of the Academic Board policy 'Examinations and Assessment Procedures'; or</li> <li>• automatically to an AF grade by the third week of the immediately subsequent academic session.</li> </ul> Deans are authorised to approve the extension of a MTNC grade for individual students having a valid reason for their incomplete status.
UCN	Incomplete	A MTNC or INC grade is converted, on the advice of the dean, to UCN when all or many students in a unit of study have not completed the requirements of the unit. The students may be engaged in practicum or clinical placements, or in programs extending beyond the end of semester (eg. Honours).

### **Scholarships**

Scholarships are financial or other forms of support made available by sponsors to assist Australian and international students to pursue their studies at the University. When a student's means are a criterion, scholarships are sometimes called bursaries. (See also *Prizes*.)

### **School**

See *Department*.

### **SCR**

System change request.

### **Semester**

A semester is a session whose dates 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 must be given special permission by the Academic Board.

### **Semester address**

The semester address is the address to which all official University correspondence is sent during semester time, if it is different to the permanent address. Unless overridden by a temporary address all official University correspondence during semester (including Session 4 for students enrolled in Summer School) will be sent to this address. (See also *Addresses*, *Business address*, *Permanent home address*, *Temporary address*)

### **Senate**

The Senate of the University is the governing body of the University. (See the University Calendar.)

### **Senate appeals**

Senate appeals are held for those students who, after being excluded by the faculty from a course, appeal to the Senate for readmission. While any student may appeal to the Senate against an academic decision, such an appeal will normally be heard only after the student has exhausted all other avenues - ie, the department, faculty, board of study and, in the case of postgraduates, the Committee for Graduate Studies. (See also *Exclusion*.)

### **Session**

A session is a teaching period that defines the offering of a unit of study. A session cannot be longer than six months. 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.

### **Session address**

See *Semester address*.

### **Special consideration**

Candidates who have medical or other serious problems, which may affect performance in any assessment, may request that they be given special consideration in relation to the determination of their results.

They can obtain an official form from the Student Centre. The Student Centre stamps the form and the medical or other documentation. The student gives a copy of the material to the

Student Centre staff and takes copies to the relevant departments. The student retains the originals. The dates for which special consideration is sought are recorded on FlexSIS and printed on the examination register.

### **Special permission**

See *Waiver*.

### **Specific credit**

Specific credit is awarded when previous studies are entirely equivalent to one or more named units of study offered by the University of Sydney that contribute to the course in which the applicant has been admitted. (See also *Credit*, *Non-specific credit*.)

### **Sponsorship**

Sponsorship is the financial support of a student by a company or government body. Sponsors are frequently invoiced directly.

### **SRS**

SRS is the student record system responsible, prior to FlexSIS, for the processing of student records. The functions of SRS are gradually being incorporated into FlexSIS. (See also *FlexSIS*.)

### **Stage**

For the purposes of administration, a course may be divided into stages to be studied consecutively. The stages may be related to sessions or they may relate to an academic cycle. Part-time students progress through a course more slowly and would often enrol in the same stage more than once.

### **Status**

Status is a variable for students both with relation to course and unit of study. With relation to course, students can have the status of enrolled or not enrolled. 'Not enrolled' reasons can be: totally discontinued, withdrawn, suspended, cancelled, awarded, etc. With relation to unit of study, students can have the status of CURENR or WITHDN, discontinued, etc.

### **Stream**

A stream is a defined program of study within an award course, which requires the completion of a program of study specified by the course rules for the particular stream, in addition to the core program specified by the course rules for the award course. Students enrolled in award courses that involve streams will have the stream recorded in their enrolment record. Students normally enter streams at the time of admission, although some award courses require students to enrol in streams after the completion of level 1000 units of study. Where permitted to do so by faculty resolution, students may transfer from one stream to another, within an award course, provided they meet criteria approved by the Academic Board on the advice of the faculty concerned. A stream will appear with the award course name on testamurs - eg, Bachelor of Engineering in Civil Engineering (Construction Management). (See also *Award course*, *Major*, *Minor*.)

### **Student ID card**

All students who enrol are issued with an identification card. The card includes the student name, SID, the course code, and a library borrower's bar code. The card identifies the student as eligible to attend classes and must be displayed at formal

examinations. It must be presented to secure student concessions and to borrow books from all sections of the University Library.

**Student identifier (SID)**

A 9-digit number which uniquely identifies a student at the University.

**Student load**

See *Load*.

**Study Abroad Program**

A scheme administered by the International Education Office which 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 their 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 - eg, 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'.

**Summer School**

See *Sydney Summer School*.

**Supervising faculty**

The supervising faculty is the faculty which has the responsibility for managing the academic administration of a particular course - ie, 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 at any given time. Further, 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.

The International Office has a supporting role in the administration of the candidatures of international students and alerts the supervising faculty to any special conditions applying to these candidatures (eg, that enrolment must be full-time). (See also *Board of studies*.)

**Supervision**

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 position. (See also *Advisor*, *Associate supervisor*, *Instrumental supervisor (teacher)*, *Research supervisor*.)

**Supplementary examinations**

Supplementary exams may be offered by faculties to students who fail to achieve a passing grade or who were absent from assessment due to illness or misadventure.

**Suppression of results**

Results for a particular student can be suppressed by the University for the following reasons:

- the student has an outstanding debt to the university
- the student is facing disciplinary action.

**Suspension**

See *Course leave*.

**Sydney Summer School**

Sydney Summer School is a program of accelerated, intensive study running for approximately 6 weeks during January and February each year. Both undergraduate and postgraduate units are offered. Summer School provides an opportunity for students at Sydney and other universities to catch up on needed units of study, to accelerate completion of a course or to undertake a unit that is outside their award course. All units are full fee-paying and enrolled students are also liable for compulsory subscriptions. Some fee-waiver scholarships are available.

**Teaching department**

See *Department*.

**Temporary address**

Students may advise the University of a temporary address. Correspondence will be sent to this address between the dates specified by the student. (See also *Addresses*, *Business address*, *Permanent home address*, *Semester address*.)

**Testamur**

A testamur is a certificate of award provided to a graduate usually at a graduation ceremony.

**Thesis**

A thesis is a major work that is the product of an extended period of supervised independent research. 'Earliest date' means the earliest date at which a research student can submit the thesis. 'Latest date' means the latest date at which a research student can submit the thesis.

**Timetable**

Timetable refers to 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.

**UAC**

The Universities Admissions Centre (UAC) receives and processes applications for admission to undergraduate courses at recognised universities in NSW and the ACT. Most commencing undergraduate students at the University apply through UAC.

**UAC admissions**

Most local undergraduates (including local undergraduate fee payers) apply through the Universities Admission Centre (UAC).

The University Admissions Office coordinates the processing of UAC applicants with faculties and departments and decisions are recorded on the UAC system.

Applicants are notified by UAC and an electronic file of applicants who have been made offers of admission to courses at the University is loaded onto FlexSIS. (See also *Admission*, *Direct admissions*.)

**UAI (Universities Admission Index)**

The Universities Admission Index (UAI) is a number between 0.00 and 100.00 with increments of 0.05. It provides a measure of overall academic achievement in the HSC that assists universities in ranking applicants for university selection. The UAI is based on the aggregate of scaled marks in ten units of the HSC.

**Undergraduate**

A term used to describe a course leading to a diploma or bachelor's degree. An 'undergraduate' is a student enrolled in such a course.

**Unit of study**

A unit of study is the smallest stand-alone component of a student's course that is recordable on a student's transcript. Units of study have an integer credit point value, normally in the range 3-24. Each approved unit of study is identified by a unique sequence of eight characters, consisting of a four character alphabetical code which usually identifies the department or subject area, and a four character numeric code which identifies the particular unit of study. Units of study can be grouped by subject and level. (See also *Core unit of study*, *Course*, *Major*.)

**Unit of study enrolment status**

The enrolment status indicates whether the student is still actively attending the unit of study (ie, currently enrolled) or is no longer enrolled (withdrawn or discontinued).

**Unit of study group**

A grouping of units of study within a course. The units of study which make up the groups are defined within FlexSIS.

**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, University in this document refers to the University of Sydney.

**University Medal**

A faculty may recommend the award of a University Medal to students qualified for the award of an undergraduate Honours degree or some master's degrees, whose academic performance is judged outstanding.

*UPA*

University Postgraduate Award.

*USYDnet*

USYDnet is the University of Sydney's intranet system. In addition to the customised MyUni service, it provides access to other services such as directories (maps, staff and student, organisations), a calendar of events (to which staff and students can submit entries), and a software download area. (See also *MyUni*.)

*Variation of enrolment*

See *Enrolment variation*.

*Vice-Chancellor*

The chief executive officer of the University, responsible for its leadership and management. The Vice-Chancellor is head of both academic and administrative divisions.

*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*.)

*Weighted average mark (WAM)*

The Weighted Average Mark (WAM) is the average mark in the unit of study completed, weighted according to credit point value and level. The formulae used to calculate the WAMs are course-specific: there are many different WAMs in the University.

*Year of first enrolment (YFE)*

The year in which a student first enrolls at the University.

*Youth Allowance*

Youth Allowance is payable to a full-time student or trainee aged 16-24 years of age; and enrolled at an approved institution such as a school, college, TAFE or university, and undertaking at least 15 hours a week face-to-face contact. Youth Allowance replaces AUSTUDY.

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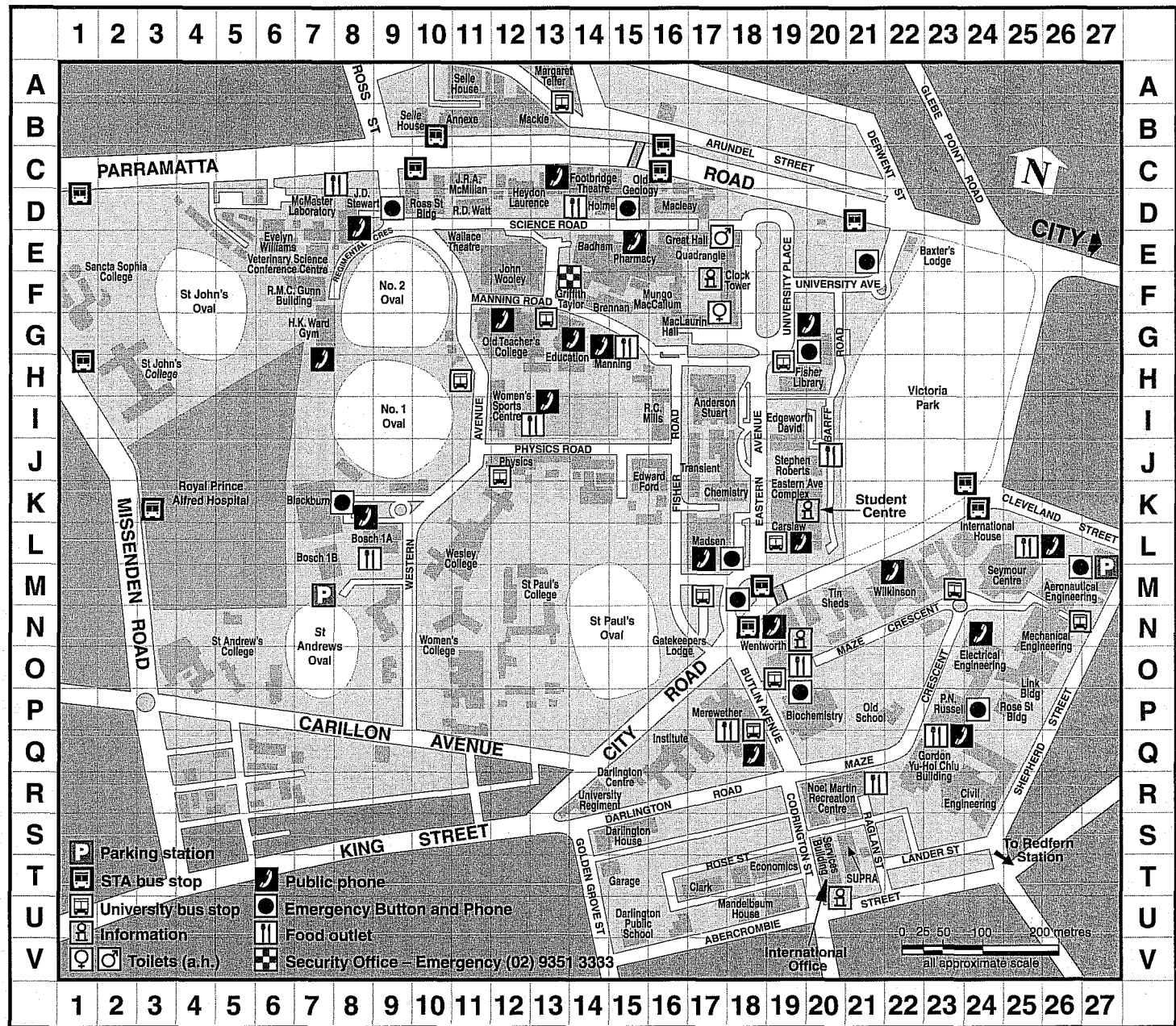
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Law Dept and Faculty Office **St James**  
Learning Assistance Centre **13G**  
Life Sciences in Nursing **Mallett St**  
Linguistics **17J**  
Link Bldg **25O**  
Lost Property **14F**  
Mackie Bldg **13B**  
MacLaurin Hall **16G**  
Macleay Bldg and Museum **16D**  
Madsen Bldg **17L**  
Mail Room (Internal) **20T**  
Main Bldg **17F**  
Management Studies **Burren Street**  
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