Acknowledgements

The Arms of the University

Sidere mens eadem mutato

Though the constellations change, the mind is universal

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sydney.edu.au/calendar

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All authorised amendments to this handbook can be found at sydney.edu.au/handbooks/handbooks_admin/updates2011

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2. The University of Sydney (Doctor of Philosophy (PhD)) Rule 2004.
3. The resolutions of the Academic Board relating to the Examination Procedure for the Degree of Doctor of Philosophy.
4. The relevant faculty resolutions.

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

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Printing
SOS Print and Media

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CRICOS Provider Code 00026A
ISSN: 1834-9544
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* Except for the faculties of Dentistry, Medicine and the Master of Pharmacy course. See www.acer.edu.au for details.

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Message from the Dean

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

The Faculty of Education and Social Work at the University of Sydney offers extraordinary professional development opportunities for individuals who are interested in education and social work as careers or areas of study. The Faculty of Education and Social Work has amazing programs with engaged professionals integrating scholarship with formative practice.

The Bachelor of Social Work and Bachelor of Arts/Bachelor of Social Work degrees are firmly based in the humanities and social sciences, with students able to take advantage of the incredible range of opportunities available at the University of Sydney.

Our Bachelor of Education degrees allow you to develop specialisations in maths, science, humanities or economics and business. You can also specialise in Primary education, Early Childhood education, and Human Movement and Health education. Another feature of our education degrees is the focus on integrating information communications technology (ICT) into teaching practices and catering for students with special needs.

At the graduate-entry level, the Faculty offers the innovative Master of Teaching degree to students seeking a professional teaching credential, and from 2011 we are pleased to offer the Master of Social Work (Qualifying) program for students seeking qualifications in social work.

All of our education and social work students will spend time in professional practice placements. We have built strong links with practitioners from both fields so that our graduates emerge with practical skills as well as a solid grasp of theory.

The Faculty of Education and Social Work is a diverse and internationally renowned community of scholars, staff and students committed to community development, meeting social development needs and improving teaching and learning through innovation and inquiry-driven programs, research, reflection and critique in partnership with our communities.

We are pleased that you are joining the Faculty of Education and Social Work at the University of Sydney and look forward to welcoming you in the coming months.

Professor Robert J Tierney
Dean
Bachelor of Education (Primary Education)

Candidates must complete 192 credit points comprising:

YEAR 1

In the first year, candidates must complete 48 credit points of units of study, comprising: 12 credit points of Education One units; 24 credit points of Curriculum and Professional Studies units; and 12 credit points of Junior (level 1000) units of study, chosen from Arts Table A or Science Table 1 or Section 2 of the Economics and Business Table.

Education One Units

EDUF1018 Education, Teachers and Teaching
Credit points: 6  
Teacher/Coordinator: Dr Paul Ginns  
Session: Semester 1
Classes: 2x 1-hr lecture/wk and 1x 1-hr tutorial/wk commencing week 2 and 1x 1-hr mentoring seminar commencing week 2
Assessment: 1x 1.5hr exam (40%) and 2x 1000wd essays (2x20%) and 1x seminar presentation (20%)

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

EDUF1019 Human Development and Education
Credit points: 6  
Teacher/Coordinator: Dr Minkang Kim  
Session: Semester 2
Classes: 2x 1-hr lecture/wk for 10 wks and 1x 1-hr tutorial/wk for 10 wks and 1x 1-hr ICT workshop for 10 wks
Assessment: 1x 1hr seminar presentation (30%) and 1x 2000wd essay (30%) and 1x 2hr exam (30%) and 1x ICT task (10%)

This unit, which is the second part of Education 1 introduces students to the study of human development, with a particular emphasis on the development of early childhood through to adolescence. The unit addresses one of the major goals of Education I, II and III; the learning of a body of knowledge on Human development (child and adolescent in particular). It is premised on the view that teaching from a developmental perspective inevitably transforms teachers into problem solvers who adapt and modify their teaching and learning approaches, based on knowledge of factors that promote each child's optimal development. A core assumption of the unit is that the study of human development is cross-disciplinary; involving in particular psychology, philosophy of science and neurobiology, and that existing developmental theories are open to question and continuing debate. Students are therefore encouraged to engage in this study with critical and creative minds. The unit focuses on the processes and products of human development, related to cognitive emotional, social, moral, motor, and language development. The classical theories will be considered in some detail and examined in the light of contemporary theory and research, drawing in particular on the Dynamic Systems Approach and the neurobiology of the brain. The unit will also consider the impact of history, culture, and social context, and how current skills and interests and prior achievements affect learning and development. In addition, Introduction to Computers in Education, a component of this unit of study in terms of assessment but administratively separate, attempts to impart upon students a beginning knowledge of computers and information technology such that beginning teachers can properly function as educational professionals.

Curriculum and Professional Studies Units

EDUP1002 Language, the Learner and the School
Credit points: 6  
Teacher/Coordinator: Dr Jon Callow  
Session: Semester 1
Classes: 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk and 8 days professional experience and online learning experiences  
Assessment: 1x seminar presentation and discussion activities for weekly readings 25 minutes (20%) and 1x becoming a teacher assignment 1800 - 2000 words (35%) and 1x becoming a successful literacy learner 2500 words (45%) and 8 days professional experience

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

EDUP1004 Science Concepts 1
Credit points: 6  
Teacher/Coordinator: Assoc Prof Armstrong Osborne  
Session: Semester 1
Classes: 2x 1hr lecture/week and 1x 2hr workshop/week and 1x 6 hr weekend field trip  
Assessment: 2 written assignments (2x 15%) and 1x fieldwork (10%) and 1x 3hr exam (60%)

This unit of study will provide students with a background in science and children's understanding of scientific concepts relating to biology and chemistry, relevant to their curriculum studies in K-6 Science and Technology. The coursework will consist of four hours per week, made up of lectures and workshop/seminars, an all-day field excursion and self-directed or assigned activities.

EDUP1001 Creative Arts 1
Credit points: 6  
Teacher/Coordinator: Dr Robyn Gibson  
Session: Semester 2
Classes: 1x 1-hr lecture/wk and 1x 2-hr workshop/wk  
Assessment: 1x arts learning experiences assignment (65%) and 1x VAPD/portfolio (35%)

This unit comprises four Creative Arts components: Drama, Visual Arts, Music and Dance. It combines both theoretical and practical/studio work across a range of art forms appropriate for K - 6 classrooms. Given the experiential nature of this unit, attendance at both lectures and workshops is mandatory.

EDUP1003 Mathematics and Numeracy
Credit points: 6  
Teacher/Coordinator: Dr Jennifer Way  
Session: Semester 2
Classes: 1x1hr lecture/week and 1x2hr tutorial/week  
Assessment: 1x2500wd portfolio (40%) and 1x2000wd report and oral presentation (35%) and 1x1500wd investigation report (25%)

The aim of this unit is to assist students to develop a more holistic understanding and appreciation of mathematics and numeracy, and of themselves as learners of mathematics through exploration of mathematical systems, patterns, relationships and reasoning. Through
practical and collaborative workshops designed to cater for a range of learning styles, students will develop deeper understandings of fundamental mathematical concepts and processes through an inquiry learning approach. This unit content is situated in historical and cultural contexts, including indigenous and non-English speaking perspectives, so as to promote an appreciation for the origins, evolution and purposes of mathematics. Students will reflect upon the meanings and roles of numeracy in their own lives and in modern society, including educational contexts.

YEAR 2
CONTINUING 2ND YEAR STUDENTS ONLY (XH025) In the second year, candidates must complete 48 credit points of units of study, comprising: - 12 credit points of Education Two units; and- 24 credit points of Curriculum and Professional Studies units; and - 12 credit points of Senior/Intermediate (level 2000) units of study chosen from Arts Table A or Science Table 1 or Section 2 of the Economics and Business Table.

Education Two Units

EDUF2006
Educational Psychology
Credit points: 6
Teacher/Coordinator: Dr Richard Walker
Session: Semester 1
Classes: 1x 2-hr lecture/wk and 1x 1-hr tutorial/wk
Prerequisites: (EDUF1018 and EDUF1019) or 30 junior credit points
Assessment: 1x tutorial presentations (oral & written) (30%) and 1x 2000 wds essay (40%) and 1x 2hr exam (30%)

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

EDUF2007
Social Perspectives on Education
Credit points: 6
Teacher/Coordinator: Assoc Prof Debra Hayes
Session: Semester 2
Classes: 1x 1hr lecture/wk and 1x 2-hr workshop/wk
Prerequisites: (EDUF1018 and EDUF1019) or 30 junior credit points
Assessment: workshop presentations (15%) and 1x 1000 wds literature review (15%) and 1x 4000 wds joint research project (35%) and 1x exam 1.5hrs (25%) and 1x oral presentation (10%)

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

Curriculum and Professional Studies Units

EDUP2002
English: Learning to be Literate
Credit points: 4
Teacher/Coordinator: Dr Jon Callow
Session: Semester 1
Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk and online learning experiences
Prerequisites: EDUP1002 Assessment: 1x understanding how to choose literature for the classroom 2000wds (50%) and 1x using text resources in the literacy session 2000wds (50%)

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

EDUP2004
PDHPE1: Physical Activity
Credit points: 4
Teacher/Coordinator: Dr Steve Georgakis
Session: Semester 1
Classes: 1x 1-hr lecture/wk for 8 wks and 2x 1-hr tutorial/wk for 8 wks
Prerequisites: EDUP1002 Assessment: 1x essay 2000wds (50%) and 1x unit outline and lesson plans 2000wds (50%)

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

EDUP2006
Indigenous Australian Education
Credit points: 4
Teacher/Coordinator: Ms Katrina Thorpe
Session: Semester 1
Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk
Prerequisites: EDUF1018 Assessment: 1x tutorial presentation (20%) and 1x resource evaluation (40%) and 1x 1500wds essay (40%)

This unit of study examines Indigenous Australian history and the diversity of Indigenous cultures, communities and perspectives. It explores current social, political and economic challenges faced by Indigenous peoples and communities and the role education plays in addressing these issues. The unit supports students to expand their understanding of Indigenous cultures and equips them with the knowledge to address the learning needs of Indigenous students in urban, rural and remote communities. It emphasises the importance of consultation and ongoing communication with Indigenous communities and assists students in identifying key stakeholder in Indigenous education. This unit will also examine key educational policies and priorities and how these can be implemented to improve the educational outcomes of Aboriginal and Torres Strait Islander students. Students will develop a knowledge and understanding of culturally inclusive teaching and learning strategies.

EDUF2005
Mathematics 1: Exploring Early Number
Credit points: 4
Teacher/Coordinator: Dr Jennifer Way
Session: Semester 2
Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk
Assessment: 5x 300wds reading reflections (5x7%) and 1x 2000wds assessment report (65%)

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

EDUP2027
Beginning Professional Experiences
Credit points: 8 Teacher/Coordinator: Ms Christine Preston Session: Semester 2 Classes: 2 hrs/wk for 12 wks and 1 hr lecture/wk for 4 wks Prerequisites: EDUP1002; EDUP1001; EDUP1016; EDUP1017; EDUP1018 and EDUF1019 Prohibitions: EDUP2003 Assessment: 1x lesson plan 1500wds (25%) and 1x group presentation 2000wds (25%) and 100wkd weekly readings (20%) and 1x reflection on the Professional Experience 2000wds (30%) and successful completion of professional experience placement

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

YEAR 3
CONTINUING 3RD YEAR STUDENTS ONLY (XH025)In the third year, candidates must complete 48 credit points of units of study, comprising:– 42 credit points of Curriculum and Professional Studies units; and– 6 credit points of Education Three Optional unit.

Curriculum and Professional Studies Units
EDUP3001
PDHPE 2: Active Healthy Primary Schools
Credit points: 4 Teacher/Coordinator: Dr Louisa Peralta, Ms Nicole Hart Session: Semester 1 Classes: 1x 1-hr lecture/wk for 5 wks (weeks 1-5) and 1x 2-hr workshop/wk for 12 wks (weeks 1-12) Prerequisites: 36 credit points of professional studies in Primary Education including EDUP2004 Assessment: 1x gymnastics peer teaching experience and written component (40%) and 1x whole class teaching experience and written component (60%)

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

EDUP3002
Human Society and its Environment
Credit points: 4 Teacher/Coordinator: Catherine Smyth Session: Semester 1 Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk Prerequisites: 36 credit points of professional studies in Primary Education Assessment: 1x group plan and design of HSIE excursion and individual reflection (50%) and 1x individual research and eLearning task peer assessed (30%) and 1x professional development workshop and reflection (20%)

Human Society and its Environment (HSIE) is a vital Key Learning Area in the primary curriculum. The knowledge and understandings, skills and strategies, values and attitudes inherent in HSIE K-6 provide opportunities for young children to learn about History, Environment, Cultures, Social Systems and Structures. Students will have the opportunity to learn about central concepts, modes of enquiry and structure of HSIE K-6 as well as look at best practice in pedagogy resources and assessment. This course provides an overview of appropriate syllabus and curriculum material and is strongly aligned with the Framework of Professional Teaching Standards.

EDUP3003
Teaching in Multilingual Classrooms
Credit points: 4 Session: Semester 1 Classes: 1x 2-hr tutorial/wk for 10 wks Prerequisites: 36 credit points of professional studies in Primary Education Assessment: 1x designing materials for topic work (40%) and 1x teaching language through literature 1 (40%) and 1x teaching language through literature 2 (20%)

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

EDUP3008
Creative Arts 2
Credit points: 4 Teacher/Coordinator: Dr Robyn Gibson Session: Semester 1 Classes: 1x 1-hr introductory lecture and 1 x 2-hr workshop/wk for 11 weeks Prerequisites: 36 credit points of professional studies in Primary Education including EDUP1001 Assessment: 1x unit of work or resource kit (85%) and 1x continuation of VAPD/Portfolio (15%)

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

EDUF3031
Positive Approaches to Special Education
Credit points: 6 Teacher/Coordinator: Dr Ilektra Spandagou Session: Semester 1, Semester 2 Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk in weeks 1-5 and 1x 2-hr workshop for 6 wks and 20 hrs fieldwork placement Prerequisites: 42 credit points Assessment: 1x fieldwork report equiv 4000 wds (40%) and 1x tutorial presentation equiv 650 wds (15%) and 3 position statements equiv 1350 wds (3x15%)

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

EDUP3004
Mathematics 2: Space and Measurement
Credit points: 4 Teacher/Coordinator: Assoc Prof Janette Bobis Session: Semester 2 Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk in weeks 1-5, 10 and 11 and 1x 2-hr school-based project work/wk in weeks 7-9 Prerequisites: 36 credit points of professional studies in Primary Education including EDUP2005 Assessment: 1x written paper providing evidence of knowledge of content and pedagogy of mathematics (40%) and 1x mini program of work containing 3-4 lesson plans and lesson evaluations (60%).

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

EDUF3005
Investigating in Science and Technology
Credit points: 4 Teacher/Coordinator: Dr Louise Sutherland Session: Semester 2 Classes: 1x 1-hr lecture/wk in weeks 1-5 and 1x 2-hr workshop/wk in weeks 2-9 Prerequisites: 36 credit points of professional studies in Primary Education including EDUF1016, EDUF1017 and EDUF2027 Assessment: 1x examination of an existing unit (group task) (20%) and 1x lesson plan and
in-school presentation (group task) (25%) and 1x revision and redevelopment of unit (group task) (20%) and 1x reflection on your learning on teaching science (individual) (25%)

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

EDUP3006
English: Becoming Literate
Credit points: 4
Teacher/Coordinator: Bill Spence
Session: Semester 2
Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk for 10 weeks
Prerequisites: 36 credit points of professional studies in Primary Education including EDUP1002 and EDUP2002 Assessment: 1x analysis of child’s writing sample (50%) and 1x multimodal artefact collection and lesson sequence (50%)

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

EDUP3007
Professional Experiences 2 (Primary)
Credit points: 4
Teacher/Coordinator: Dr Robyn Gibson
Session: Semester 2
Classes: 1x 1-hr lecture/wk for 6 wks and 1x 1-hr workshop/wk for 6 wks and 20 days professional experience
Prerequisites: 36 credit points of professional studies in Primary Education including EDUP2027 Prohibitions: EDUP2023 Assessment: Successful completion of 20 day professional experience and a reflective account of critical incidents of professional learning on professional experience (100%)

This unit of study and school-based 20 day professional experience builds on the introductory unit Language, The Learner and Schools in year 1 and Beginning Professional Experience in year 2 of the program. This unit moves to a more complex interpretation of the learning experience by focusing on the diverse learning needs of students. Students will develop their knowledge of how students learn from the university-based classes in the first half of the unit of study. In the second half, they will apply this knowledge to the students they will teach on their 20 day professional experience. Throughout the unit of study, the emphasis will be on employing this developing knowledge of students’ learning in the planning, assessing and reporting of effective learning outcomes. (Elements 2 and 3 of NSW Institute of Teachers professional teaching standards).

EDUP3034
PDHPE 3: The Health Promoting School
Credit points: 4
Teacher/Coordinator: Dr Kellie Burns
Session: Semester 2
Classes: 1x 1-hr lecture for 6 wks and 1x 2-hr workshop/wk for 10 wks
Prerequisites: 36 credit points of professional studies in Primary Education including EDUP2004 and EDUP3001 Assessment: 1x 1500wd essay (40%) and 1x unit of work (60%)

In this third unit of study, students will continue to gain experience planning engaging and meaningful teaching and learning activities in PDHPE. Emphasis is placed on programming and planning using four of the syllabus strands: Growth & Development, Interpersonal Relationships, Personal Health Choices and Safe Living. Students explore a range of youth-related health issues including child protection, sexuality, alcohol and tobacco use, body image, bullying and mental health. The Health Promoting Schools model is introduced as a framework for building student-centred PDHPE curriculum, valuing whole-school policies that support young people’s wellbeing and fostering community partnerships.
and 1x 500wd reflection summary (50%) and satisfactory professional experience report.

This unit plays a significant role in student self-assessment of their attainment of the graduate professional teaching standards of the NSW Institute of Teachers. In doing so, the unit supports students to access strategies to develop within all aspects of the graduate standards, while making substantial input to the development of NSW Institute of Teachers professional teaching standards, Element 6. (Teachers continually improve their professional knowledge and practice.) The lecture series and seminars will explore the standards, with a focus on examining students' beliefs, evidence of current attainment, needs for development and steps to achieve full attainment of the standards. Assessment tasks are designed to support students to draw together evidence to not only demonstrate attainment but also to identify areas for further development and achievable steps to be undertaken during their last 20 day professional experience. The final assessment task will engage the students in reflection on their implementation of steps as developed in their first task, to narrow down a specific area for development to be further explored within EDUP4017 : Professional Experiences 4, through action learning.

EDUP4077
Teaching Children with Special Needs
Credit points: 4
Teacher/Coordinator: Assoc Prof David Evans
Session: Semester 2
Classes: 2x 1-hr lecture/wk and 2x 2-hr in-school sessions/wk for 10 wks
Prerequisites: 72 credit points of Professional Studies in Education including EDUP3004 and EDUP3005
Assessment: reflective journal and professional statement (30%) and planning and implementation of 14 tutoring sessions (50%) and 4x quizzes (4x 5%)

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

EDUP4080
Human Society and its Environment 2
Credit points: 4
Teacher/Coordinator: Catherine Smyth
Session: Semester 2
Classes: 2x 1-hr lecture/wk and 2x 1-hr tutorial/wk for 10 weeks
Prerequisites: 72 credit points of Professional Studies in Education including EDUP3002
Assessment: 1x group development of an HSIE inquiry based unit of work (50%) and 1x individual research and eLearning task peer assessed (30%) and 1x individual oral poster presentation and reflection (20%)

This unit will build on the understanding of the K-6 Key Learning Area of Human Society and its Environment (HSIE). Students will increase their content and pedagogical knowledge of the subject as well as develop their professional skills through the practical tasks this unit provides. Students will also explore ways that primary teachers can apply cross curriculum content and perspectives (especially Aboriginal, civic and citizenship and global perspectives) in HSIE to address literacy and numeracy outcomes. This unit is designed to develop students' professional skills as they collaboratively plan inquiry based teaching and learning materials and as well as reflect critically on their own practice.

EDUP4017
Professional Experiences 4 (Primary)
Credit points: 4
Teacher/Coordinator: Ms Nikki Brunker
Session: Semester 2
Classes: 2x 1-hr lecture/wk and 1x 1-hr tutorial/wk for 5 weeks and 30 days internship
Prerequisites: 72 credit points of Professional Studies in Primary Education including EDUP1002, EDUP2027, EDUP3007, EDUP4079
Assessment: 7x 150wd milestones (formative) and 1x 1000wd action learning proposal (50%) and 1x 1000wd paired poster presentation (50%) and satisfactory internship

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

EDUF4044
Reading and Designing Research
Credit points: 6
Teacher/Coordinator: Associate Professor Debra Hayes, Dr Lina Markauskaite, Dr George Odhiambo
Session: Semester 1
Classes: 2x 2-hr lecture/wk and 1x 2-hr workshop/wk and 1x 1-hr online activities/wk for 7 weeks
Prerequisites: 120 credit points including EDUF2006 and EDUF2007
Assessment: 1x literature review online (20%) and 1x literature review written (20%) and 1x poster (20%) and 1x presentation (10%) and 1x research proposal (30%)

This unit of study is designed to introduce you to the field of research in education. You will develop an appreciation of the broad range of research topics in education and their associated forms of systematic inquiry. The unit will prepare you to read and interpret research, and to conduct small scale investigations in a range of contexts such as classrooms or schools, or within another setting in which learning opportunities are afforded. These settings might include online communication, outdoor education, excursions, coaching, tutoring, and informal learning associated with home and community contexts. The kinds of research questions considered might include pedagogy, curriculum, policy, and other issues of curriculum development. Students might consider the perspectives of students, teachers, parents, policymakers and/or the broader community. In preparing an individual research proposal, you will draw upon the research literature to develop your topic and to select a form of inquiry that is suited to it.

Primary Four Optional Units

EDUF4007
Primary Languages A
Credit points: 4
Teacher/Coordinator: Assoc Prof Lesley Harbon
Session: Semester 1
Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk for weeks 1 to 10
Prerequisites: 72 credit points of Professional Studies in Primary Education
Assessment: 1x 2000wd essay (30%) and 1x 2000wd lesson plans (50%) and 1x 10min in-class teaching episode

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

EDUF4008
Primary Languages B
Credit points: 4
Teacher/Coordinator: Assoc Prof Lesley Harbon
Session: Semester 2
Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk for weeks 1 to 10
Prerequisites: EDUF4007
Assessment: 1x 2000wd intercultural task part A (40%) and 1x 5000wd intercultural task part B (35%) and 1x 1000wd powerpoint presentation (25%)

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

EDUF4009
Special Education (A) Special Course
Credit points: 4
Teacher/Coordinator: Assoc Prof David Evans
Session: Semester 1
Classes: 2x 1-hr lecture/wk and 1x 1-hr tutorial/wk for 10 wks
Prerequisites: 72 credit points of Professional Studies in Primary Education and EDUF3031
Assessment: 1x 1200 wd academic paper (30%) and 1x 15 min in-class presentation (20%) and 1x 2000 wd professional development package (50%)

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

EDUP4010 Special Education (B) Special Course
Credit points: 4
Teacher/Coordinator: Assoc Prof David Evans
Session: Semester 2
Classes: 1x 2-hr seminar/wk for 10 wks
Prerequisites: EDUP4009
Assessment: 1x 1500wd professional statement (40%) and 1x 2000wd theory to practice paper (60%)

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

EDUP4066 IT in the Primary Classroom A
Credit points: 4
Teacher/Coordinator: Ms Vilma Fyle
Session: Semester 1
Classes: 1x 2-hr seminar/wk for 10 weeks
Prerequisites: 72 credit points of Professional Studies in Primary Education including EDUP3003 and EDUP3007
Assessment: 1x 1000wd online review (20%) and 1x ICT project (40%) and 1x WIB resource (40%)

This unit builds on student's knowledge and skills gained from their previous ICT related units of study. Technical aspects will be drawn from the use of ICT tools and construction of appropriate ICT teaching and learning resources, presentation software and desktop publishing. The unit will deal with aspects of technology for teachers' professional practice, the evaluation of IT related resources and the integration of IT into the classroom.

EDUP4067 IT in the Primary Classroom B
Credit points: 4
Teacher/Coordinator: Ms Vilma Fyle
Session: Semester 2
Classes: 1x 2-hr seminar/wk for 10 weeks
Prerequisites: EDUP4066
Assessment: 1x web resource (40%) and 1x multimedia resource (40%) and 1x reflective journal (20%)

This unit builds upon earlier ICT based experiences in Education 1 and IT in the Primary Classroom (A) in order to develop students' understanding of, and skills in, the application of contemporary information and communication technologies in the Primary classroom. Technical aspects will be drawn from the use of Web 2.0 tools and applications. By immersing ICT tools as part of assignments and activities, the unit of study will provide students with hands-on experiences of developing/designing learning resources relevant to the primary classroom.

EDUP4068 TESOL (A) Special Course
Credit points: 4
Session: Semester 1
Classes: 1x 2-hr tutorial/wk for 10 wks
Prerequisites: 72 credit points of Professional Studies in Primary Education including EDUP3003 & EDUP3007
Assessment: 1x grammar tasks (20%) and 1x teaching a novel and book club (60%) and 1x grammar test (20%)

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

EDUP4069 TESOL (B) Special Course
Credit points: 4
Session: Semester 2
Classes: 1x 2-hr tutorial/wk for 10 wks
Prerequisites: EDUP4068
Assessment: 1x vocabulary task design (30%) and 1x classroom assessment and resource design (40%) and 1x refugee tutoring (30%)

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

EDUP4070 Integrated Arts (A) Special Course
Credit points: 4
Teacher/Coordinator: Dr Robyn Gibson
Session: Semester 1
Classes: 2 hrs/wk for 12 wks
Prerequisites: 72 credit points of Professional Studies in Primary Education and EDUP1001 and EDUP3008
Assessment: 1x participation in in-school experience (45%) and 1x group presentation (20%) and 1x reflective scrapbook derived from the in-school experience including planning processes for the work undertaken and written critical reflection (35%). Length, complexity and format appropriate for a final year unit of study within the discipline of the Creative Arts. Criteria will be negotiated jointly.

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

EDUP4071 Integrated Arts (B) Special Course
Credit points: 4
Teacher/Coordinator: Dr Robyn Gibson
Session: Semester 2
Classes: 2 hrs/wk for 10 wks
Prerequisites: EDUP4070
Assessment: Assessment options and their weightings will be negotiated with the students but are linked to unit outcomes and reflect the 4 credit point loading. Possible examples include: 1x reflective scrapbook/portfolio; or rationale for using Creative Arts in the primary school; or critical responses to 'Arts' experiences (40%) and 1x planning a creative arts workshop (25%) and 1x presentation of group image (35%)

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

EDUP4072 Koori Kids in School A (Special Course)
Credit points: 4
Teacher/Coordinator: Ms Sharon Galleguillos
Session: Semester 1
Classes: 1x 2-hr seminar/wk for 10 weeks commencing week one
Prerequisites: 72 credit points of Professional Studies in Primary Education
Assessment: 1x My Practicum School and Community (1000 wd report and powerpoint presentation) (30%) and 1x resource evaluation and presentation (1000 wd report and oral presentation) (30%) and 1x NAIDOC or Reconciliation Week lesson plans (three lesson plans in preparation for Practicum) (40%)

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

EDUP4073 Koori Kids in School B (Special Course)
Credit points: 4
Teacher/Coordinator: Ms Sharon Galleguillos
Session: Semester 2
Classes: 1x 2-hr seminar/wk for 10 wks commencing week one
Prerequisites: EDUP4072
Assessment: 1x the role of the Aboriginal Education Officer 1000wd report and powerpoint presentation (30%) and 1x the role of
the District Office 1000wd report (30%) and 1x excursion resource 1500wds (40%)

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

Honours Pathway

Candidates who are eligible for Honours must complete the 12 credit points of units of study listed below instead of EDUF4044 and one Education Three Optional unit from Year 4.

EDUF4005
Research Honours A
Credit points: 6  Teacher/Coordinator: Assoc Prof David Evans  Session: Semester 1  Classes: 2x 1-hr lecture/wk and 1x 2-hr seminar/wk for weeks 1-7  Assessment: This unit is jointly assessed with EDUF4006. The assessment of these units will be: 5 online tasks (5x 3%) and 10 mins presentation (10%) and research proposal (25%) and 10000 word dissertation (50%)  Note: Department permission required for enrolment.

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

EDUF4006
Research Honours B
Credit points: 6  Teacher/Coordinator: Assoc Prof David Evans  Session: Semester 2  Classes: 12 x 2 hr independent sessions with supervisor  Prerequisites: EDUF4005  Assessment: This unit is jointly assessed with EDUF4005. The assessment of these units will be: 5 online tasks (5x 3%) and 10 mins presentation (10%) and research proposal (25%) and 10000 word dissertation (50%)  Note: Department permission required for enrolment.

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

EDUCATION THREE OPTIONAL UNITS

for Year 3 and Year 4

EDUF3023
Sport: Contemporary Educational Issues
Credit points: 6  Teacher/Coordinator: Dr Steve Georgakis  Session: Semester 1  Classes: 1x 1-hr lecture/wk for 12 wks and 2-3 hr seminar/wk for 12 wks  Prerequisites: 42 credit points  Assessment: Seminar presentations (20%) and 1x 2500 wd work research project (40%) and 1x 2500 wd portfolio (40%)

This unit of study dissects the role played by youth sport and sport in Australian society from an historical and socio-cultural perspective. Youth sport in this unit encompasses school physical education, school sport, organised community sport as well as any organised youth physical activity. This unit endeavours to place greater emphasis on theories that have emerged regarding youth sport and sport issues. These include how youth sport and sport in general have been constructed over time and how each relates to themes such as class, gender, age, ethnicity, sexuality, social identity, policy, politics commercialism, nationalism, terrorism and racism. This unit will encourage students to critically analyse how sport is both constructed and is produced in the context of particular social values and beliefs. The unit is structured in a way to encourage the development of arguments and ideas through tutorial presentations, research projects and a portfolio which relate to these topic areas. This unit of study is designed to encourage student-based multi-disciplinary inquiry as laid out by the Education III design. It is designed also to encourage students to become informed citizens and life-long learners.

EDUF3028
Mentoring in Educational Contexts
Credit points: 6  Teacher/Coordinator: Dr Lesley Scaroni  Session: Semester 1  Classes: 1x 1-hr lecture/wk and 1x 2-hr seminar/wk, for 10 wks  Prerequisites: 42 credit points  Assessment: 1x seminar presentation 2000 wds (30%) and 1x reflective journal 4000 wds (70%) and participation in an approved mentor programme for at least 1 hour per week for 7 weeks

It is increasingly difficult for young people to survive in contemporary risk societies. Particularly problematic is their successful navigation of unfamiliar communities of practice manifest as organisational structures. Subsequently, mentoring has been widely adopted internationally to support young people acquire the organisation know-how essential to organisational survive. Specifically, within an educational context mentoring as theory and practice has assumed critical importance in introducing pre-service teachers to the professional practice of teaching. This unit of study examines mentoring in schools and universities and other organisational structures. Students use a range of sociological theories and constructs in order to develop a critical understanding of mentoring as professional practice.

EDUF3032
Curriculum and Evaluation
Credit points: 6  Teacher/Coordinator: Professor Murray Print  Session: Semester 1  Classes: 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk  Prerequisites: 42 credit points  Assessment: 1x analysis of curriculum document (20%) and 1x seminar presentation (30%) and 1x related paper on a curriculum phenomenon (40%) and 1x on-line task (10%)

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

EDUF3035
Multicultural Learning and Teaching
Credit points: 6  Teacher/Coordinator: Dr Marianne Hulsbosch  Session: Semester 1  Classes: 2 hrs lectures/wk for 9 wks and 3 hrs field work/wk for 3 wks and 3 hrs seminar/wk for 3 wks  Prerequisites: 42 credit points  Assessment: 1x critical reflective diary 2000wds (35%) and 1x essay 3000wds (50%) and 1x poster presentation 1000wds (15%)

This unit provides students with a deeper understanding of the historical, cultural and sociological construction of youth in Australia today. This knowledge, as well as the changing experiences of young people, is an important foundation for today’s educators. This unit will focus on the Australian educational experience set within the context of multicultural social change. Students enrolled in this unit will incur a levy to cover any additional costs.
This unit of study examines the nature of theatre and film in Australian cultural and educational settings. A particular focus will be placed on theatre and film for and by young people, and the range of learning that takes place through young people's engagement in, and appreciation of, theatre and film. In addition, the role and nature of Australian film and theatre will be placed within an international context so that students can examine the international forces influencing Australian culture. Indigenous issues in Australian Film and Theatre will be examined. Australian Theatre, Film and Learning will provide first hand experiences of Australian films and theatre performances through field trips to significant theatre performances and festivals, Australian school performances and the viewing of Australian films. Students enrolled in this unit will incur a levy to cover any additional costs.

**EDUF3026**

**Global Poverty and Education**

Credit points: 6  
Teacher/Coordinator: Dr Elizabeth Cussity  
Session: Semester 2  
Classes: 1x 1-hr lecture/wk and 1x 2-hr workshop/wk  
Assessment: 1x 1hr exam (25%), 1x 1hr exam (25%), 1x 2500wd essay (30%), 1x 1250wd workshop paper (25%), 1x 750wd workshop paper (20%)

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

**EDUF3027**

**International Education**

Credit points: 6  
Teacher/Coordinator: Dr Nigel Bagnall  
Session: Semester 2  
Classes: 1x 1hr lecture/wk and 1x 2hr workshop/wk  
Assessment: 2x 1000wd workshop papers (20%), 1x 1hr presentation (20%) and 1x 1hr take home exam (20%) and 1x 2000wd essay (40%)

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

Candidates must complete 192 credit points comprising:

YEAR 1

In the first year, candidates must complete 48 credit points of units of study, comprising:
- 12 credit points of Education One units;
- 24 credit points of Curriculum and Professional Studies units; and
- 12 credit points of Junior (level 1000) units of study, chosen from Arts Table A or Science Table 1 or Section 2 of the Economics and Business Table.

### Education One Units

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Title</th>
<th>Credit Points</th>
<th>Session</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUF1018</td>
<td>Education, Teachers and Teaching</td>
<td>6</td>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDUF1019</td>
<td>Human Development and Education</td>
<td>6</td>
<td>Semester 2</td>
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</table>

### Curriculum and Professional Studies Units

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Title</th>
<th>Credit Points</th>
<th>Session</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUP1002</td>
<td>Language, the Learner and the School</td>
<td>6</td>
<td>Semester 1</td>
<td></td>
<td></td>
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<tr>
<td>EDUP1004</td>
<td>Science Concepts 1</td>
<td>6</td>
<td>Semester 1</td>
<td></td>
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<tr>
<td>EDUP1001</td>
<td>Creative Arts 1</td>
<td>6</td>
<td>Semester 2</td>
<td></td>
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<tr>
<td>EDUP1003</td>
<td>Mathematics and Numeracy</td>
<td>6</td>
<td>Semester 2</td>
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</table>

YEAR 2

CONTINUING 2ND YEAR STUDENTS ONLY (XH025)

In the second year, candidates must complete 48 credit points of units of study, comprising:
- 12 credit points of Education Two units; and
- 24 credit points of Curriculum and Professional Studies units; and
- 12 credit points of Senior/Intermediate (level 2000) units of study chosen from Arts Table A or Science Table 1 or Section 2 of the Economics and Business Table.

### Education Two Units

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Title</th>
<th>Credit Points</th>
<th>Session</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
</tr>
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<tbody>
<tr>
<td>EDUF2006</td>
<td>Educational Psychology</td>
<td>6</td>
<td>Semester 1</td>
<td></td>
<td>(EDUF1018 and EDUF1019) or 30 junior credit points</td>
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<tr>
<td>EDUF2007</td>
<td>Social Perspectives on Education</td>
<td>6</td>
<td>Semester 2</td>
<td></td>
<td>(EDUF1018 and EDUF1019) or 30 junior credit points</td>
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</table>

### Curriculum and Professional Studies Units

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Title</th>
<th>Credit Points</th>
<th>Session</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUP2002</td>
<td>English: Learning to be Literate</td>
<td>4</td>
<td>Semester 1</td>
<td></td>
<td>EDUP1002</td>
<td></td>
<td></td>
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<tr>
<td>EDUP2004</td>
<td>PDHPE1: Physical Activity</td>
<td>4</td>
<td>Semester 1</td>
<td></td>
<td>EDUP1002</td>
<td></td>
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<tr>
<td>EDUP2006</td>
<td>Indigenous Australian Education</td>
<td>4</td>
<td>Semester 1</td>
<td></td>
<td>EDUF1018</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDUP2005</td>
<td>Mathematics 1: Exploring Early Number</td>
<td>4</td>
<td>Semester 2</td>
<td></td>
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<tr>
<td>EDUP2027</td>
<td>Beginning Professional Experiences</td>
<td>8</td>
<td>Semester 2</td>
<td></td>
<td>(EDUP1002; EDUP1001; EDUF1016; EDUF1017; EDUF1018 and EDUF1019)</td>
<td>EDUP2003</td>
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</tbody>
</table>

YEAR 3

CONTINUING 3RD YEAR STUDENTS ONLY (XH025)

In the third year, candidates must complete 48 credit points of units of study, comprising:
- 42 credit points of Curriculum and Professional Studies units; and
- 6 credit points of Education Three Optional unit.

### Curriculum and Professional Studies Units

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Title</th>
<th>Credit Points</th>
<th>Session</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUP3001</td>
<td>PDHPE 2: Active Healthy Primary Schools</td>
<td>4</td>
<td>Semester 1</td>
<td></td>
<td>36 credit points of professional studies in Primary Education including EDUP2004</td>
<td></td>
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<tr>
<td>EDUP3002</td>
<td>Human Society and its Environment</td>
<td>4</td>
<td>Semester 1</td>
<td></td>
<td>36 credit points of professional studies in Primary Education</td>
<td></td>
<td></td>
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<tr>
<td>EDUP3003</td>
<td>Teaching in Multilingual Classrooms</td>
<td>4</td>
<td>Semester 1</td>
<td></td>
<td>36 credit points of professional studies in Primary Education</td>
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<tr>
<td>EDUP3008</td>
<td>Creative Arts 2</td>
<td>4</td>
<td>Semester 1</td>
<td></td>
<td>36 credit points of professional studies in Primary Education including EDUP1001</td>
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<tr>
<td>Unit of study</td>
<td>Credit points</td>
<td>A: Assumed knowledge</td>
<td>P: Prerequisites</td>
<td>C: Corequisites</td>
<td>N: Prohibition</td>
<td>Session</td>
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<tr>
<td>EDUF3031 Positive Approaches to Special Education</td>
<td>6</td>
<td>P 42 credit points</td>
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<td>Semester 1,Semester 2</td>
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<tr>
<td>EDUP3004 Mathematics 2: Space and Measurement</td>
<td>4</td>
<td>P 36 credit points of professional studies in Primary Education including EDUP2005</td>
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<td>Semester 2</td>
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</tr>
<tr>
<td>EDUF3005 Investigating in Science and Technology</td>
<td>4</td>
<td>P 36 credit points of professional studies in Primary Education including EDUF1016, EDUF1017</td>
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<td>Semester 2</td>
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<tr>
<td>EDUP3006 English: Becoming Literate</td>
<td>4</td>
<td>P 36 credit points of professional studies in Primary Education including EDUP1002 and EDUP2002</td>
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<td>Semester 2</td>
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<tr>
<td>EDUP3007 Professional Experiences 2 (Primary)</td>
<td>4</td>
<td>P 36 credit points of professional studies in Primary Education including EDUP2027</td>
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<td>Semester 2</td>
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<tr>
<td>EDUP3034 PDHPE 3: The Health Promoting School</td>
<td>4</td>
<td>P 36 credit points of professional studies in Primary Education including EDUP2004 and EDUP3001</td>
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<td>Semester 2</td>
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</table>

**YEAR 4**

CONTINUING 4TH YEAR STUDENTS ONLY (XH025)

In the fourth year, candidates must complete 48 credit points of units of study, including:

- 34 credit points of Curriculum and Professional Studies units; and
- 8 credit points of Primary Four Optional units; and
- 6 credit points of Education Three Optional unit.

<table>
<thead>
<tr>
<th>Curriculum and Professional Studies Units</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUP4074 Mathematics Education 3</td>
<td>4</td>
<td>P 72 credit points of Professional Studies in Primary Education including EDUP2005 and EDUP3004</td>
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<td>Semester 1</td>
</tr>
<tr>
<td>EDUP4075 Science &amp; Technology (Designing/Making)</td>
<td>4</td>
<td>P 72 credit points of professional studies in Primary Education including EDUP2027, EDUP3005, and EDUF1016 and EDUF 1017</td>
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<td>Semester 1</td>
</tr>
<tr>
<td>EDUP4076 English: Being Critically Literate</td>
<td>4</td>
<td>P 72 credit points of professional studies in Primary Education including EDUP2002 and EDUP3006</td>
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<td>Semester 1</td>
</tr>
<tr>
<td>EDUP4079 Professional Experiences 3 (Primary)</td>
<td>4</td>
<td>P 72 credit points of Professional Studies in Primary Education including EDU1002, EDUP2027 and EDUP3007</td>
<td></td>
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<td>Semester 1</td>
</tr>
<tr>
<td>EDUP4080 Teaching Children with Special Needs</td>
<td>4</td>
<td>P 72 credit points of Professional Studies in Education including EDUP3004 and EDUP3006</td>
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<td>Semester 2</td>
</tr>
<tr>
<td>EDUP4081 Human Society and its Environment 2</td>
<td>4</td>
<td>P 72 credit points of Professional Studies in Education including EDUP3002</td>
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<td>Semester 2</td>
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<tr>
<td>EDUP4084 Professional Experiences 4 (Primary)</td>
<td>4</td>
<td>P 72 credit points of Professional Studies in Primary Education including EDUP1002, EDUP2027; EDUP3007; EDUP4079</td>
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<td>Semester 2</td>
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<tr>
<td>EDUP4085 Reading and Designing Research</td>
<td>6</td>
<td>P 120 credit points including EDUF2006 and EDUF2007</td>
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<table>
<thead>
<tr>
<th>Primary Four Optional Units</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUP4007 Primary Languages A</td>
<td>4</td>
<td>P 72 credit points of Professional Studies in Primary Education</td>
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<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUP4008 Primary Languages B</td>
<td>4</td>
<td>P EDUP4007</td>
<td></td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUP4009 Special Education (A) Special Course</td>
<td>4</td>
<td>P 72 credit points of Professional Studies in Primary Education and EDUP3031</td>
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<td>Semester 1</td>
</tr>
<tr>
<td>EDUP4010 Special Education (B) Special Course</td>
<td>4</td>
<td>P EDUP4009</td>
<td></td>
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<td>Semester 2</td>
</tr>
<tr>
<td>EDUP4066 IT in the Primary Classroom A</td>
<td>4</td>
<td>P 72 credit points of Professional Studies in Primary Education including EDUP3003 and EDUP3007</td>
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<td>Semester 1</td>
</tr>
<tr>
<td>EDUP4067 IT in the Primary Classroom B</td>
<td>4</td>
<td>P EDUP4066</td>
<td></td>
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<td>Semester 2</td>
</tr>
<tr>
<td>EDUP4068 TESOL (A) Special Course</td>
<td>4</td>
<td>P 72 credit points of Professional Studies in Primary Education including EDUF3003 &amp; EDUF3007</td>
<td></td>
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<td>Semester 1</td>
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<tr>
<td>EDUP4069 TESOL (B) Special Course</td>
<td>4</td>
<td>P EDUP4068</td>
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<td>Semester 2</td>
</tr>
<tr>
<td>EDUP4070 Integrated Arts (A) Special Course</td>
<td>4</td>
<td>P 72 credit points of Professional Studies in Primary Education and EDUP1001 and EDUP3008</td>
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<td>Semester 1</td>
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<tr>
<td>EDUP4071 Integrated Arts (B) Special Course</td>
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<td>P EDUP4070</td>
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<td>Semester 2</td>
</tr>
<tr>
<td>EDUP4072 Koori Kids in School A (Special Course)</td>
<td>4</td>
<td>P 72 credit points of Professional Studies in Primary Education</td>
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<td>Semester 1</td>
</tr>
<tr>
<td>EDUP4073 Koori Kids in School B (Special Course)</td>
<td>4</td>
<td>P EDUP4072</td>
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</table>

Honours Pathway

Candidates who are eligible for Honours must complete the 12 credit points of units of study listed below instead of EDUF4044 and one Education Three Optional unit from Year 4.
<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
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<tr>
<td>EDUF4005 Research Honours A</td>
<td>6</td>
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<td>EDUF4006 Research Honours B</td>
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<td><strong>EDUCATION THREE OPTIONAL UNITS</strong></td>
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<td>for Year 3 and Year 4</td>
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<td>EDUF3023 Sport: Contemporary Educational Issues</td>
<td>6</td>
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<tr>
<td>EDUF3028 Mentoring in Educational Contexts</td>
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<tr>
<td>EDUF3032 Curriculum and Evaluation</td>
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<tr>
<td>EDUF3035 Multicultural Learning and Teaching</td>
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<td>EDUF3034 Australian Theatre, Film Learning</td>
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<td>EDUF3036 Global Poverty and Education</td>
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<tr>
<td>EDUF3037 International Education</td>
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<tr>
<td>EDUF3029 Psychology of Learning and Teaching</td>
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<tr>
<td>EDUF3030 Australian Secondary Schooling</td>
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<tr>
<td>EDUF3036 Arts-Based Learning and Teaching</td>
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<td>Semester 2</td>
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</table>
Bachelor of Education (Early Childhood)

Candidates must complete 192 credit points of units of study comprising:

YEAR 1

In the first year, candidates must complete 48 credit points of units of study, comprising: 12 credit points of Education One units; 24 credit points of Curriculum and Professional Studies units; and 12 credit points of Junior (level 1000) units of study in one subject area, chosen from Arts Table A or Science Table 1 or Section 2 of the Economics and Business Table.

Education One Units

EDUF1018 Education, Teachers and Teaching

Credit points: 6
Teacher/Coordinator: Dr Paul Ginnis
Session: Semester 1
Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk commencing week 2 and 1x 1-hr mentoring seminar commencing week 2
Prohibitions: EDUF1011
Assessment: 1x 1.5hr exam (40%) and 2x 1000wd essays (2x20%) and 1x seminar presentation (20%)

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

EDUF1019 Human Development and Education

Credit points: 6
Teacher/Coordinator: Dr Min Kang Kim
Session: Semester 2
Classes: 2x 1-hr lecture/wk for 10 wks and 1x 1-hr tutorial/wk for 10 wks and 1x 1-hr ICT workshop for 10wks
Prohibitions: EDUF1012
Assessment: 1x 1hr seminar presentation (30%) and 1x 2000wd essay (30%) and 1x 2hr exam (30%) and 1x ICT task (10%)

This unit, which is the second part of Education I introduces students to the study of human development, with a particular emphasis on the development of early childhood through to adolescence. The unit addresses one of the major goals of Education I, II and III; the learning of a body of knowledge on ‘human development (child and adolescent in particular)’. It is premised on the view that teaching from a developmental perspective inevitably transforms teachers into problem solvers who adapt and modify their teaching and learning approaches, based on knowledge of factors that promote each child’s optimal development. A core assumption of the unit is that the study of human development is cross-disciplinary; involving in particular psychology, philosophy of science and neurobiology, and that existing developmental theories are open to question and continuing debate. Students are therefore encouraged to engage in this study with critical and creative minds. The unit focuses on the processes and products of human development, related to cognitive emotional, social, moral, motor, and language development. The classical theories will be considered in some detail and examined in the light of contemporary theory and research, drawing in particular on the Dynamic Systems Approach and the neurobiology of the brain. The unit will also consider the impact of history, culture, and social context, and how current skills and interests and prior achievements affect learning and development. In addition, Introduction to Computers in Education, a component of this unit of study in terms of assessment but administratively separate, attempts to impart upon students a beginning knowledge of computers and information technology such that beginning teachers can properly function as educational professionals.

Curriculum and Professional Studies Units

EDDEC1001 Early Childhood Settings and Communities

Credit points: 6
Teacher/Coordinator: Dr Jean Ashton
Session: Semester 1
Classes: 1x 2hr tutorial/wk and 1x 1hr lecture/wk
Assessment: 1x comparison of early childhood services 2000 wds (30%) and 1x analysis and review 2500 wds (45%) and 1x tutorial presentation 1500 wds (25%)

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

EDDEC1004 Play and Learning in Early Childhood

Credit points: 6
Teacher/Coordinator: Dr Jean Ashton
Session: Semester 1
Classes: 1x 3hr seminar/wk
Assessment: 1x essay 1500 wds (25%) and 1x report 2500 wds (45%) and 1x workshop presentation 2000 wds (30%)

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

EDDEC1002 Health and Wellness in Early Childhood

Credit points: 6
Teacher/Coordinator: Dr Jean Ashton
Session: Semester 2
Classes: 1x 3hr workshop/wk
Assessment: 1x development of resource 2000 wds (30%) and 1x analysis of legislation 2500 wds (45%) and 1x in-class presentation and paper 1500 wds (25%) and Child Protection requirements (Satisfactory/ Fail)

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

EDDEC1003 Changing Childhoods

Credit points: 6
Teacher/Coordinator: Dr Jean Ashton
Session: Semester 2
Classes: 1x 3hr seminar/wk
Assessment: 1x image analysis 2500 wds (45%) and 1x essay 2000 wds (30%) and 1x mini conference presentation 1500 wds (25%)

This unit explores the historical and contemporary influences on childhood and the social constructions of families and childhoods in Australia and throughout the world. Students will explore how concepts of childhood impact on the education and care of infants, toddlers and young children. The image of the child and children’s rights are a focus in a global society and as a result traditional understandings of ‘childhood’ as being universally experienced within cultures, are being challenged.
YEAR 2
In the second year, candidates must complete 48 credit points of units of study, comprising:- 12 credit points of Education Two units; - 24 credit points of Curriculum and Professional Studies units; and- 12 credit points of Senior (level 2000) units of study in one subject area, chosen from Arts Table A or Science Table 1 or Section 2 of the Economics and Business Table.

Education Two Units
EDUF2006 Educational Psychology
Credit points: 6 Teacher/Coordinator: Dr Richard Walker Session: Semester 1 Classes: 1x 2-hr lecture/wk and 1x 1-hr tutorial/wk Prerequisites: (EDUF1018 and EDUF1019) or 30 junior credit points Assessment: 1x tutorial presentations (oral & written) (30%) and 1x 2000 wd essay (40%) and 1x 2hr exam (30%)

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

EDUF2007 Social Perspectives on Education
Credit points: 6 Teacher/Coordinator: Assoc Prof Debra Hayes Session: Semester 2 Classes: 1x 1hr lecture/wk and 1x 2hr workshop/wk Prerequisites: (EDUF1018 and EDUF1019) or 30 junior credit points Assessment: workshop presentations (15%) and 1x 1000 wd literature review (15%) and 1x 4000 wd joint research project (35%) and 1x exam 1.5hrs (25%) and 1x oral presentation (10%)

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

Curriculum and Professional Studies Units
EDEC2003 Diversity and Indigenous Studies in EC
Credit points: 8 Teacher/Coordinator: Dr Jean Ashton Session: Semester 1 Classes: 1x1hr tutorial/week, 1x2hr workshop/week Prerequisites: EDUF1018 and EDUF1019 and EDEC1002 Assessment: 1x2500wd essay (45%) and 1x2000wd review of readings (30%) and 1x1500wd brochure/poster incorporating ICT (25%)

This unit explores a range of diverse and Indigenous cultures and their inclusion in early childhood settings. Class, ethnicity, culture, disability, gender, religion, and other social categories have an impact upon children’s development. For the creation of inclusive classrooms, early childhood educators must have an understanding of the significance of the personal and social attributes that children bring to the setting. The establishment of positive engagement with children and families is essential in creating an inclusive environment and curriculum. This unit will explore current theories and practices surrounding a range of diverse and Indigenous cultures, social education and inclusion in the early childhood context. Throughout this unit of study students will be encouraged to examine their own beliefs and values in the consideration of the issues above, as well as those of others.

EDEC2004 Language Arts in Early Childhood
Credit points: 6 Teacher/Coordinator: Dr Jean Ashton Session: Semester 2 Classes: 1x1hr lecture/week and 1x2hr workshop/week Prerequisites: EDUF1018 and EDUF1019 and EDEC1004 Assessment: 1x1000wd picture book presentation (15%) and 1x1000wd observation task (15%) and 1x1500wd language activities portfolio (25%) and 1x2500wd essay (45%)

This unit of study assists students to develop knowledge and skills in the language arts at the early childhood level. It assists students to gain an understanding of different theories about how infants, toddlers and young children develop language. It helps students to develop skills and knowledge about how to help young children begin to make meaning from the moment they are born through the preschool years in terms of how they learn to talk, listen, and interact with those around them. There is a strong emphasis on play as a vehicle for language learning and family involvement in an inclusive and supportive learning environment for young children.

EDEC2001 Creative Arts in Early Childhood
Credit points: 6 Teacher/Coordinator: Dr Jean Ashton Session: Semester 2 Classes: 1x1hr lecture/week and 1x2hr workshop/week Prerequisites: EDEC1004 and EDEC2004 and EDUF1018 and EDUF1019 Assessment: 1x3000wd portfolio of arts activities (30%) and 1x1000wd classroom presentation (20%) and 1x2000wd essay (30%)

Working with young children from birth to five requires students to develop understandings, knowledge and skills in the Creative Arts. This unit explores the fundamental importance of the Arts in the ongoing development of young children’s imagination and creativity. Through workshops, readings, observations and other activities, students will examine the theoretical underpinnings, research literature and practical knowledge required to help young children build on their innate love of music, movement, song, art, dance and drama. Observing and assessing young children’s engagement with the creative arts through their spontaneous play is an important feature of this unit. The unit also emphasises the centrality of providing rich, quality Creative Arts experiences in early childhood settings.

EDEC2002 Professional Experience EC 1
Credit points: 6 Teacher/Coordinator: Dr Jean Ashton Session: Semester 2 Classes: 6x 3-hr workshops prior to practicum and 1x 3-hr workshop following the practicum Prerequisites: EDUF1018 and EDUF1019 and EDEC1002 and EDEC1004 and EDEC2004 and EDEC2003 Corequisites: EDEC2001 Assessment: professional experience folder including service detail, observation and lesson plans, portfolio of 3 focus children, reflective diary and practice teaching report and professional experience (pass/fail) Practical field work: 3 pre-prac visits and 15 day block placement in an early childhood education and care setting (age 2-5 years of age)

This unit is the first of four professional experience units that provide opportunities for students to gain teaching experience in early childhood education and care settings. It will enable students to apply the theories and strategies covered in other units of study and allow them to reflect on the links between theory and practice. This first professional experience placement will consist of observations and documentation young children’s development and social engagement as they go about their daily activities. Students will prepare and present experiences with individuals and small groups based on children’s discerned strengths, interests and engagement with learning evidenced through these observations.
Bachelor of Education (Early Childhood)

Candidates must complete 192 credit points of units of study comprising:

**YEAR 1**

In the first year, candidates must complete 48 credit points of units of study, comprising:
- 12 credit points of Education One units;
- 24 credit points of Curriculum and Professional Studies units; and
- 12 credit points of Junior (level 1000) units of study in one subject area, chosen from Arts Table A or Science Table 1 or Section 2 of the Economics and Business Table.

### Education One Units

<table>
<thead>
<tr>
<th>Unit Code</th>
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<th>Credit Points</th>
<th>Assumed Knowledge</th>
<th>Prerequisites</th>
<th>Session</th>
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<tr>
<td>EDUF1018</td>
<td>Education, Teachers and Teaching</td>
<td>6</td>
<td>N</td>
<td>EDUF1011</td>
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<tr>
<td>EDUF1019</td>
<td>Human Development and Education</td>
<td>6</td>
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<td>EDUF1012</td>
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### Curriculum and Professional Studies Units

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<tbody>
<tr>
<td>EDEC1001</td>
<td>Early Childhood Settings and Communities</td>
<td>6</td>
<td></td>
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<tr>
<td>EDEC1004</td>
<td>Play and Learning in Early Childhood</td>
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<tr>
<td>EDEC1002</td>
<td>Health and Wellness in Early Childhood</td>
<td>6</td>
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<td>EDEC1003</td>
<td>Changing Childhoods</td>
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</table>

**YEAR 2**

In the second year, candidates must complete 48 credit points of units of study, comprising:
- 12 credit points of Education Two units;
- 24 credit points of Curriculum and Professional Studies units; and
- 12 credit points of Senior (level 2000) units of study in one subject area, chosen from Arts Table A or Science Table 1 or Section 2 of the Economics and Business Table.

### Education Two Units

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<th>Unit Code</th>
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<th>Prerequisites</th>
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<tr>
<td>EDUF2006</td>
<td>Educational Psychology</td>
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<td>(EDUF1018 and EDUF1019) or 30 junior credit points</td>
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<tr>
<td>EDUF2007</td>
<td>Social Perspectives on Education</td>
<td>6</td>
<td>P</td>
<td>(EDUF1018 and EDUF1019) or 30 junior credit points</td>
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### Curriculum and Professional Studies Units

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<tr>
<th>Unit Code</th>
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<th>Credit Points</th>
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<th>Prerequisites</th>
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<td>EDEC2003</td>
<td>Diversity and Indigenous Studies in EC</td>
<td>6</td>
<td>P</td>
<td>EDUF1018 and EDUF1019 and EDEC1002</td>
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<td>EDEC2004</td>
<td>Language Arts in Early Childhood</td>
<td>6</td>
<td>P</td>
<td>EDUF1018 and EDUF1019 and EDEC1004</td>
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<td>EDEC2001</td>
<td>Creative Arts in Early Childhood</td>
<td>6</td>
<td>P</td>
<td>EDEC1004 and EDEC2004 and EDUF1018 and EDUF1019</td>
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<td>EDEC2002</td>
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<td>P</td>
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<td>Semester 2</td>
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</table>
Bachelor of Education (Human Movement and Health Education)

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

Candidates must complete 192 credit points of units of study comprising:

YEAR 1

In the first year, candidates must complete 48 credit points of units of study, comprising: 12 credit points of Education One units; 24 credit points of Curriculum and Professional Studies units; and 12 credit points of Junior (level 1000) units of study, chosen from Arts Table A or Science Table 1 or Section 2 of the Economics and Business Table.

Education One Units

EDUF1018 Education, Teachers and Teaching
Credit points: 6 Teacher/Coordinator: Dr Paul Ginnis Session: Semester 1
Classes: 2x 1-hr lecture/wk and 1x 1-hr tutorial/wk commencing week 2 and 1x 1-hr mentoring seminar commencing week 2
Prohibitions: EDUF1011
Assessment: 1x 1.5hr exam (40%) and 2x 1000wd essays (2x20%) and 1x seminar presentation (20%)

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

EDUF1019 Human Development and Education
Credit points: 6 Teacher/Coordinator: Dr Minkang Kim Session: Semester 2
Classes: 2x 1-hr lecture/wk for 10 wks and 1x 1-hr tutorial/wk for 10 wks and 1x 1-hr ICT workshop for 10 wks
Prohibitions: EDUF1012
Assessment: 1x 1hr seminar presentation (30%) and 1x 2000wd essay (30%) and 1x 2hr exam (30%) and 1x ICT task (10%)

This unit, which is the second part of Education 1 introduces students to the study of human development, with a particular emphasis on the development of early childhood through to adolescence. The unit addresses one of the major goals of Education I, II and III; the learning of a body of knowledge on 'human development (child and adolescent in particular)'. It is premised on the view that teaching from a developmental perspective inevitably transforms teachers into problem solvers who adapt and modify their teaching and learning approaches, based on knowledge of factors that promote each child's optimal development. A core assumption of the unit is that the study of human development is cross-disciplinary; involving in particular psychology, philosophy of science and neurobiology, and that existing developmental theories are open to question and continuing debate. Students are therefore encouraged to engage in this study with critical and creative minds. The unit focuses on the processes and products of human development, related to cognitive emotional, social, moral, motor, and language development. The classical theories will be considered in some detail and examined in the light of contemporary theory and research, drawing in particular on the Dynamic Systems Approach and the neurobiology of the brain. The unit will also consider the impact of history, culture, and social context, and how current skills and interests and prior achievements affect learning and development. In addition, Introduction to Computers in Education, a component of this unit of study in terms of assessment but administratively separate, attempts to impart upon students a beginning knowledge of computers and information technology such that beginning teachers can properly function as educational professionals.

Curriculum and Professional Studies Units

EDUH1005
Professional Practice in PDHPE 1
Credit points: 6 Teacher/Coordinator: Dr Louisa Peralta, Dr Kellie Burns Session: Semester 1
Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk and 1x 1-hr microteaching and 20 days teaching practicum (5 days dispersed and 15 days as a block)
Assessment: 1x microteaching (15%) and 1x lesson plan (35%) and 1x professional experience portfolio (50%) and Professional Experience (Pass/Fail)

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

EDUH1007
Pedagogy for Physical Education 1
Credit points: 6 Teacher/Coordinator: Victoria Rawlings Session: Semester 1
Classes: 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk
Prerequisites: EDUH1005
Assessment: 1x pedagogy essay 2000wds (30%) and 1x lesson plan and presentation (40%) and 1x exam 90mins (30%)

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

EDUH1006
Identifying Health Determinants
Credit points: 6 Teacher/Coordinator: Dr Kellie Burns Session: Semester 2
Classes: 1x 2-hr lecture/wk and 1x 1-hr tutorial/wk
Prerequisites: EDUH1005
Assessment: 1x group presentation (30%) and 3x 1000wd short essays (3x10%) and 1x 2500wd essay (40%)

This core unit of study is the first of five that explore the ways in which meanings about health are socially and politically constructed in contemporary Australian society. The unit introduces a health
determinants approach to explore a range of factors that impact upon individual and/or community health - gender, age, genetics, education, race & ethnicity, globalisation and geographic location. Students will develop an appreciation for an understanding of the ways in which mechanisms of health are constructed, change over time and are institutionalised through health policies and practices. Students will investigate 'upstream' approaches to health education and health promotion that empower individuals and communities and lessen the burden on primary health care.

**EDUF1017**

**Sports Mechanics**

**Credit points:** 6  
**Session:** Semester 2 Classes: Two 1hr lectures, one 2hr tutorial, one 2hr practical.  
**Prohibitions:** PHYS1001, PHYS1002, PHYS1901  
**Assumed knowledge:** No assumed knowledge of Physics  
**Assessment:** Laboratory (20%), report (20%), assignments (5%), progressive test (5%), elearning quizzes (2%), final exam (48%).

This unit of study at Junior level is designed specifically for BEd(Secondary)/(Human Movement and Health Education) students to provide basic knowledge and understanding of concepts in mechanics. A key focus will be to introduce the required language and methods using a context that is both interesting and useful. 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.

**YEAR 2**

In the second year, candidates must complete 48 credit points of units of study, comprising: 12 credit points of Education Two units; and- 36 credit points of Curriculum and Professional Studies units.

**Education Two Units**

**EDUF2006**

**Educational Psychology**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Richard Walker  
**Session:** Semester 1 Classes: 1x 2-hr lecture/wk and 1x 1-hr tutorial/wk  
**Prerequisites:** (EDUF1018 and EDUF1019) or 30 junior credit points  
**Assessment:** 1x tutorial presentations (oral & written) (30%) and 1x 2000 wd essay (40%) and 1x 2hr exam (30%)

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

**EDUF2007**

**Social Perspectives on Education**

**Credit points:** 6  
**Teacher/Coordinator:** Assoc Prof Debra Hayes  
**Session:** Semester 2 Classes: 1x 1hr lecture/wk and 1x 2-hr workshop/wk  
**Prerequisites:** (EDUF1018 and EDUF1019) or 30 junior credit points  
**Assessment:** workshop presentations (15%) and 1x 1000 wd literature review (15%) and 1x 4000 wd joint research project (35%) and 1x exam 1.5hrs (25%) and 1x oral presentation (10%)

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

**Curriculum and Professional Studies Units**

**EDUF2016**

**Health of Young People 1**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Kellie Burns  
**Session:** Semester 1 Classes: 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk  
**Prerequisites:** 36 junior credit points including EDUF1018, EDUF1019, EDUF1005 and EDUF1006.  
**Assessment:** 1x unit of work (55%) and 3x 1000wd teaching tasks (45%)

This unit of study is the second of five health education units and focuses on various issues relating to the health of young people. The unit investigates the meaning of these health issues in contemporary society and the key focus of work in this area. Major content covers self concept, self esteem and body image; positive relationships and communication; supporting difference and diversity; gender stereotyping; mental health; coping and resilience; a whole-school approach to health; depression, loss and grief; sexual health and drug education. The unit considers this content through the lens of critical media literacy in PDHPE.

**EDUF2017**

**Pedagogy for Physical Education 2**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Steve Georgakis  
**Session:** Semester 1 Classes: 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk  
**Prerequisites:** 36 junior credit points including EDUF1018, EDUF1019, EDUF1007 and EDUF1005.  
**Assessment:** 1x essay 2000wds (40%) and 1x dance lesson plan and reflection (30%) and 1x aquatics teaching lesson plans (30%).

This unit is the second of five units on pedagogy in physical education. The unit of study follows on from EDUF1007 taught in year 1 moving the focus toward student-centred approaches to teaching as applied to the NSW PDHPE 7 - 10 syllabus mandated areas of aquatics, dance and games.

**EDUF2020**

**Applied Anatomy and Physiology**

**Credit points:** 6  
**Teacher/Coordinator:** Erica Jeong  
**Session:** Semester 1 Classes: 2x 1-hr lecture/wk and 1x 2-hr tutorial/wk  
**Prerequisites:** 36 junior credit points including EDUF1018, EDUF1019, EDUF1017 and EDUF1005  
**Assessment:** 5x quizzes (15%) and 1x lab report (30%) and 1x creative report (25%) and 1x 90min exam (30%)

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

**EDUF2018**

**Indigenous Perspectives in PDHPE**

**Credit points:** 6  
**Session:** Semester 2 Classes: 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk  
**Prerequisites:** 36 junior credit points including EDUF1018, EDUF1019 and EDUF1005.  
**Assessment:** 1x tutorial presentation (30%) and 1x resource evaluation 1750wd (30%) and 1x 2500wd essay (40%)

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

EDUH2019 Professional Practice in PDHPE 2
Credit points: 6
Teacher/Coordinator: Dr Kellie Burns, Dr Louisa Peralta
Session: Semester 2 Classes: 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk
Prerequisites: 36 junior credit points including EDUF1018, EDUF1019 and EDUH1005. Assessment: 1x classroom management plan (30%) and 1x micro-teaching unit plan and lesson plan (70%) and Professional Experience (Pass/Fail)

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

EDUH2029 Outdoor Education
Credit points: 6
Teacher/Coordinator: Dr Wayne Cotton
Session: Semester 2 Classes: 2 hrs lecture/wk for 9 wks and a three day residential camp.
Prerequisites: 36 junior credit points including EDUF1005, EDUF1018 and EDUF1019
Assessment: 1x presentation - initiative game (40%) and 1x reflective report and application (60%)

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

YEAR 3

In the third year, candidates must complete 48 credit points of units of study, comprising the Curriculum and Professional Studies units listed below.

Curriculum and Professional Studies Units

EDUF3023 Sport: Contemporary Educational Issues
Credit points: 6
Teacher/Coordinator: Dr Steve Georgakis
Session: Semester 1 Classes: 1x 1-hr lecture/wk for 12 wks and 2-hr seminar/wk for 12 wks
Prerequisites: 42 credit points
Assessment: Seminar presentations (20%) and 1x 2500 wd work research project (40%) and 1x 2500 wd portfolio (40%)

This unit of study dissects the role played by youth sport and sport in Australian society from an historical and socio-cultural perspective. Youth sport in this unit encompasses school physical education, school sport, organised community sport as well as any organised youth physical activity. This unit endeavours to place greater emphasis on theories that have emerged regarding youth sport and sport issues. These include how youth sport and sport in general have been constructed over time and how each relates to themes such as class, gender, age, ethnicity, sexuality, social identity, policy, politics, commercialism, nationalism, terrorism and racism. This unit will encourage students to critically analyse how sport is both constructed and is produced in the context of particular social values and beliefs. The unit is structured in a way to encourage the development of arguments and ideas through tutorial presentations, research projects and a portfolio which relate to these topical areas. This unit of study is designed to encourage student-based multi-disciplinary inquiry as laid out by the Education III design. It is designed also to encourage students to become informed citizens and life-long learners.

EDUH3017 ICT and Behaviour Management in PDHPE
Credit points: 6
Teacher/Coordinator: Dr Louisa Peralta, Dr Wayne Cotton
Session: Semester 1 Classes: 1x1hr lecture/wk and 1x2hr tutorial/week
Prerequisites: 72 credit points from HMHE and EDUF curriculum units including EDUH1005, EDUH2019
Assessment: case study (25%) and classroom management plan (40%) and ICT resource (40%)

This core unit of study is the fourth of five defining pedagogical and professional practices in K-12 Personal Development Health and Physical Education (PDHPE). It specifically focuses on classroom management and the explicit use of ICT as a learning and teaching tool in PDHPE. Through an examination of case studies, students will be given opportunities to prevent, deflect and overcome challenging student behaviours in a range of PDHPE/classroom settings. Students will also practice classroom management strategies when integrating ICT as a tool. This unit of study also focuses on developing basic ICT operational skills. These skills will enable students to design and develop pedagogically sound learning experiences using software similar to that provided on the school laptops rolled out as part of the Digital Education Revolution.

EDUH3018 Pedagogy for Physical Education 3
Credit points: 6
Teacher/Coordinator: Dr Steve Georgakis
Session: Semester 1 Classes: 1x 1hr lecture/week and 1x 2hr tutorial/week
Prerequisites: 72 credit points from HMHE and EDUF curriculum units, including EDUH1007, EDUH2017, EDUH2019
Assessment: 1x2500wd essay (40%) and presentation (30%) and unit plan (30%)

This unit is the third of five units on pedagogy in physical education. The unit picks up from where EDUH2017 Pedagogy for Physical Education 2 finished with a focus on student-centred approaches to teaching games and sport as activities that are suitable for the adoption of guided discovery and problem solving teaching styles. In particular, the unit focuses on Game Sense pedagogy and the educational benefits that it offers for teaching games and sport across the school setting. In line with the NSW PDHPE 7-10 syllabus, this unit examines the use of the Game Sense to achieve tactical transfer across the four game categories of invasion games, striking games, net/wall games and target games.

EDUH3020 Professional Practice in PDHPE 3
Credit points: 6
Teacher/Coordinator: Dr Louisa Peralta
Session: Semester 1 Classes: 1x1hr lecture/week and 1x2hr tutorial/week
Prerequisites: 72 credit points from HMHE and EDUF curriculum units, including EDUH1005, EDUH2019
Assessment: 1x3000wd report (50%) and 1x3000wd essay (50%) and professional experience (pass/fail)
Practical field work: 25 days professional experience block placement in K-12 PDHPE setting

This core unit of study is the third of five examining pedagogical and professional practices in K-12 Personal Development, Health and Physical Education (PDHPE). This unit of study examines the current Stage 6 PDHPE Syllabus. Through an examination of the core and option modules, students will be afforded the opportunity to design creative, student centred and challenging learning and teaching experiences and teacher support material. Students will also practice planning and programming skills. By focussing on key syllabus concepts, the socio-cultural perspective of health and physical activity, the unit deploys Quality Teaching theories and practices. The unit is linked to a 5 week professional experience block placement.
Positive Approaches to Special Education

Credit points: 6

Teacher/Coordinator: Dr Ileikra Spandagou
Session: Semester 1
Classes: 1 x 2hr lecture/week and 1 x 2hr tutorial/week

Prerequisites: 90 credit points from HMHE and (EDUF curriculum units, including EDUH1005, EDUH1007, EDUH2017, EDUH2019, EDUH3018)
Assessment: 1 x 1500wds essay (30%) and presentation (40%) and 1 x 1800wds analysis assessment and report (30%)

This unit is the fourth of five units of study on pedagogy in physical education. It follows on from EDUH3018 Pedagogy for Physical Education 3 to introduce the Sport Education pedagogical model as another form of student-centred teaching in physical education while focusing on issues that arise from the implementation of student-centred approaches to teaching physical education in schools with an emphasis on pre-service teachers and beginning teachers. Students will focus on these issues in lectures and in their tutorials on invasion, net/wall and target games with an emphasis on authentic assessment in physical education. The learning objectives of student-centred, inquiry-based approaches to teaching physical education such as Game Sense and Sport Education also require new methods of assessment that are examined in this unit of study.

Health of Young People 2

Credit points: 6

Session: Semester 2 Classes: 1 x 2hr lecture/week and 1 x 1hr tutorial/week
Prerequisites: 90 credit points from HMHE and EDUF units, including EDUH1005, EDUH1006, EDUH2016, EDUH2019, EDUH3020
Assessment: 1 x 1500wds essay and media file (30%) and 1 x 1000wds design and educational resource (30%) and 1 x 1000wds construction of youth identities play or movie (40%)

This unit of study is the third of four which explores components of health in contemporary Australian society from a socio cultural perspective and the second that focuses specifically on the health of young people. In doing so it specifically addresses the requirement in the PDHPE Stages 4, 5 and 6 to reflect the multidimensional nature of health and how young people respond to and assess the impact of a variety of social and psychological factors on their future lives. It also provides the students with an opportunity to develop key PDHPE skills such as taking responsibility for their own learning and recognising the diversity of learning styles and teaching strategies.

Training for Performance

Credit points: 6

Teacher/Coordinator: Assoc Prof Donna O’Connor
Session: Semester 2 Classes: 1 x 2hr lecture/week and 1 x 2hr tutorial/week
Prerequisites: 90 credit points from HMHE or EDUF curriculum units, including EDUH1005, EDUH1017, EDUH2020, EDUH2019, EDUH3020
Assessment: 1 x 2700wds fitness program (45%) and 4 x quizzes (4x 5%) and 1 x lesson plan (10%) and 1 x debate (25%)

This core unit is designed to provide the skills and knowledge necessary for effective construction and implementation of training programs for health benefits and to improve performance. Emphasis will be placed on the knowledge and practical application of different training methods and strategies and their effects on performance. Classes are driven by student derived inquiry questions which are instrumental in the understanding of these issues and processes. This unit has been designed to develop students who are prepared to function effectively in diverse educational settings with competencies that are instrumental in interpreting research results and accurately responding to questions relating to physical activity, training and performance. At the completion of this unit it is hoped that students are more confident and knowledgeable in this area and are aware of the vital link between theory and practice and value the need for them to be research informed teachers.

Physical Education Pedagogy 5

Credit points: 6

Session: Semester 1 Classes: 2 x 2hr practical class/wk for 9 wks
Prerequisites: 84 credit points of Professional Studies in HMHE including EDUH3009
Assessment: 1 x essay 3000wds (50%) and 1 x unit of study and lesson plans 3000wds (50%)

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

Professional Experiences in PDHPE 3

Credit points: 6

Session: Semester 1 Classes: 1 x 2hr lecture/wk and 1 x 1hr tutorial/wk
Prerequisites: 84 credit points of professional studies in HMHE including EDUH3007
Assessment: 1 x program design 3500wds (60%) and 1 x building a professional portfolio 1500wds (40%) and 25 days professional experience (pass/fail)

This unit of study is the final of three examining pedagogical and professional practices in Personal Development, Health and Physical Education (PDHPE). It specifically focuses on curriculum design for Stage 6 PDHPE but principles of programming and assessment for Stages 4 and 5 are also reviewed. Through an examination of the Stage 6 core and option modules, students will design creative, student centred and challenging learning and teaching experiences and develop teacher support material. By focusing on key syllabus concepts, the socio-cultural perspective of health and physical activity, critical inquiry and practical application, the unit deploys Quality Teaching theories and practices. The unit is linked to a five week block Professional Experience in secondary schools. During this time students will be expected to play an active role as a member of a learning community by planning, implementing and reflecting upon their teaching and learning. In addition to this experience students are expected to submit a professional learning portfolio which includes annotated evidence/artefacts that most effectively demonstrate their achievement of the Graduate Teacher Standards, as defined by the NSW Institute of Teachers.
EDUH4050
Sports Medicine
Credit points: 6
Teacher/Coordinator: Jenni Bonnitcha
Session: Semester 2
Classes: 1x 2-hr lecture/wk and 1x 1-hr tutorial/wk
Prerequisites: 84 credit points of Professional Studies in HMHE
Assessment: 1x essay 1200wds (20%) and 1x team tasks (40%) and 1x readiness test (15%) and 1x readiness test (team) (25%)

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

EDUH4051
Community Health Issues
Credit points: 6
Teacher/Coordinator: Dr Kate Russell
Session: Semester 2
Classes: 3 hrs/wk for 12 wks
Prerequisites: 84 credit points of Professional Studies in HMHE including EDUF2010 and EDUH3007
Assessment: 1x critical analysis (35%) and 1x review essay and gala display (65%)

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

EDUF4044
Reading and Designing Research
Credit points: 6
Teacher/Coordinator: Associate Professor Debra Hayes, Dr Lina Markauskaite, Dr George Odhiambo
Session: Semester 1, Semester 2
Classes: 2x 1-hr lecture/wk and 1x 2-hr workshop/wk and 1x 1-hr online activities/wk for 7 weeks
Prerequisites: 120 credit points including EDUF2006 and EDUF2007
Assessment: 1x literature review online (20%) and 1x literature review written (20%) and 1x poster (20%) and 1x presentation (10%) and 1x research proposal (30%)

This unit of study is designed to introduce you to the field of research in education. You will develop an appreciation of the broad range of research topics in education and their associated forms of systematic inquiry. The unit will prepare you to read and interpret research, and to conduct small scale investigations in a range of contexts such as classrooms or schools, or within another setting in which learning opportunities are afforded. These settings might include online communication, outdoor education, excursions, coaching, tutoring, and informal learning associated with home and community contexts. The kinds of research questions considered might include pedagogy, curriculum, policy, and organizational issues, and might consider the perspectives of students, teachers, parents, policymakers and/or the broader community. In preparing an individual research proposal, you will draw upon the research literature to develop your topic and to select a form of inquiry that is suited to it.

Human Movement and Health Education Four
Optional units

EDUH4053
Indigenous Sport, Education and Culture
Credit points: 6
Session: Semester 1, Semester 2
Classes: 1x 2-hr lecture for 11 wks and field trip
Prerequisites: 84 credit points of professional studies in HMHE
Assessment: 1x seminar report (25%) and 1x 1500wd field trip report (25%) and 1x 3000wd reflective essay (50%)

Note: Department permission required for enrolment in the following sessions: Semester 2.

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

EDUH4003
Sport Psychology
Credit points: 6
Teacher/Coordinator: Dr Kate Russell
Session: Semester 1
Classes: 1x 1hr lecture/wk and 1x 2hr tutorial/wk for 12 weeks
Prerequisites: 84 credit points of Professional Studies in HMHE including EDUF2010 and EDUH3007
Assessment: 1x either develop lesson plans or presentation of a case study and report (30%) and 1x 2hr examination (40%) and 1x site visit report (30%)

This elective unit explores the application of psychology to the domain of sport and exercise. Whilst the unit does address the psychological components of NSW Board of Studies HSC Core 2: Factors affecting performance and HSC Option 4: Improving performance; students will also gain a general understanding of the relationship between psychology and performance. Topics will draw on students’ own experiences of sport and exercise, either as participants or spectators, and will include consideration of motivation, anxiety, group dynamics, application of psychological theories to improve sporting performance, and the effects of sport and exercise on participants.

EDUH4054
Issues in Nutrition Education
Credit points: 6
Teacher/Coordinator: Ms Barbara Eden
Session: Semester 2
Classes: 3 hrs/wk for 12 wks
Prerequisites: 84 credit points of Professional Studies in HMHE
Assessment: 1x either develop lesson plans or presentation of a case study and report (30%) and 1x 2hr examination (40%) and 1x site visit report (30%)

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

EDUH4057
Administration of PDHPE and Sport
Credit points: 6
Session: Semester 2
Classes: 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk
Prerequisites: 84 credit points of Professional Studies in HMHE
Assessment: 2x 500wd sport information sheets (20%) and 1x sport handbook 1500wds (30%) and 3x 1300wd problem based learning tasks (50%)

This unit of study provides students with conceptual knowledge and practical skills related to the administration of PDHPE and SPORT. It focuses on the practical realities inherent as a PDHPE teacher or sport administrator. Classes are driven by the tasks and roles that students may encounter whilst working in PDHPE teaching or sports administration within NSW schools and will be based on interactive discussions and presentations in lectures as well as self-directed learning task. This unit has been designed to develop students to function effectively in diverse educational settings. The unit of study will move from a base of administrative theory to precise issues and skills required for administering programs and projects in both school
and community settings including the facilitation of sport gala days with students from the local community.

Honours Pathway

Candidates who are eligible for Honours must complete the 12 credit points of units of study listed below instead of EDUF4044 and one Education Three Optional unit from Year 4.

EDUF4005  Research Honours A

Credit points: 6  Teacher/Coordinator: Assoc Prof David Evans  Session: Semester 1  Classes: 2x 1-hr lecture/wk and 1x 2-hr seminar/wk for weeks 1-7  Assessment: This unit is jointly assessed with EDUF4006. The assessment of these units will be: 5 online tasks (5x3%) and 10 mins presentation (10%) and research proposal (25%) and 10000 word dissertation (50%)  Note: Department permission required for enrolment.

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

EDUF4006  Research Honours B

Credit points: 6  Teacher/Coordinator: Assoc Prof David Evans  Session: Semester 2  Classes: 12 x 2 hr independent sessions with supervisor  Prerequisites: EDUF4005  Assessment: This unit is jointly assessed with EDUF4005. The assessment of these units will be: 5 online tasks (5x3%) and 10 mins presentation (10%) and research proposal (25%) and 10000 word dissertation (50%)  Note: Department permission required for enrolment.

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

EDUF3028  Mentoring in Educational Contexts

Credit points: 6  Teacher/Coordinator: Dr Lesley Scanlon  Session: Semester 1  Classes: 1x 1-hr lecture/wk and 1x 2-hr seminar/wk for 10 wks  Prerequisites: 42 credit points  Assessment: 1x seminar presentation 2000 wds (30%) and 1x reflective journal 4000 wds (70%) and participation in an approved mentor programme for at least 1 hour per week for 7 weeks

It is increasingly difficult for young people to survive in contemporary risk societies. Particularly problematic is their successful navigation of unfamiliar communities of practice that manifest as organisational structures. Subsequently, mentoring has been widely adopted internationally to support young people acquire the organisation know-how essential to organisational survival. Specifically, within an educational context mentoring as theory and practice has assumed critical importance in introducing pre-service teachers to the professional practice of teaching. This unit of study examines mentoring in schools and universities and other organisational structures. Students use a range of sociological theories and constructs in order to develop a critical understanding of mentoring as professional practice.

EDUF3032  Curriculum and Evaluation

Credit points: 6  Teacher/Coordinator: Professor Murray Print  Session: Semester 1  Classes: 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk  Prerequisites: 42 credit points  Assessment: 1x analysis of curriculum document (20%) and 1x seminar presentation (30%) and 1x related paper on a curriculum phenomenon (40%) and 1x on-line task (10%)

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

EDUF3035  Multicultural Learning and Teaching

Credit points: 6  Teacher/Coordinator: Dr Marianne Hulsbosch  Session: Semester 1  Classes: 2x 2 hrs lectures/wk for 9 wks and 3 hrs field work/wk for 3 wks  Prerequisites: EDUF4005  Assessment: 1x critical reflective diary 2000wds (35%) and 1x essay 3000wds (50%) and 1x poster presentation 1000wds (15%)

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

EDUF3034  Australian Theatre, Film and Learning

Credit points: 6  Teacher/Coordinator: Dr Michael Anderson; Dr Kelly Freebody  Session: Semester 1  Classes: 1x 1-hr tutorial/wk for 9 wks and 3x field trips  Prerequisites: EDUF4005  Assessment: 1x 1000wd media review (20%) and 1x 2500wd film deconstruction (40%) and 1x 2500wd theatre essay (40%)

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

EDUF3026  Global Poverty and Education

Credit points: 6  Teacher/Coordinator: Dr Elizabeth Cussley  Session: Semester 2  Classes: 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk  Prerequisites: EDUF4005  Assessment: 1x 1hr exam (25%) and 1x 2500wd essay (30%) and 1x 1250wd workshop paper (25%) and 1x 750wd workshop paper (20%)

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

**EDUF3027**  
**International Education**

*Credit points: 6 Teacher/Coordinator: Dr Nigel Bagnall Session: Semester 2 Classes: 1x 1 hr lecture/wk and 1x 2-hr workshop/wk Prerequisites: 42 credit points Assessment: 2x 1000wd workshop papers (20%) and 1x workshop presentation (20%) and 1x 1 hr take home exam (20%) and 1x 2000wd essay (40%)*

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

**EDUF3029**  
**Psychology of Learning and Teaching**

*Credit points: 6 Teacher/Coordinator: Dr Paul Ginns Session: Semester 2 Classes: 2x 1 hr lecture/wk and 1x 1-hr tutorial/wk Prerequisites: 42 credit points and EDUF2006 Assessment: 1x 2-hr take home exam (30%) and 1x 2000wd essay (40%) and 1x group essay (15%) and 1x group presentation (15%)*

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

**EDUF3030**  
**Australian Secondary Schooling**

*Credit points: 6 Teacher/Coordinator: Dr Helen Proctor Session: Semester 2 Classes: 1x 1 hr lecture/wk and 1x 2hr seminar/wk for 10 wks Prerequisites: 42 credit points Assessment: 3x 700wd reading guides (30%) and 1x 2000wd essay (45%) and 1x 1 hr exam (25%)*

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

Candidates must complete 192 credit points of units of study comprising:

YEAR 1

In the first year, candidates must complete 48 credit points of units of study, comprising:
- 12 credit points of Education One units;
- 24 credit points of Curriculum and Professional Studies units; and
- 12 credit points of Junior (level 1000) units of study, chosen from Arts Table A or Science Table 1 or Section 2 of the Economics and Business Table.

Education One Units

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Title</th>
<th>Credit Points</th>
<th>Assumed Knowledge</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUF1018</td>
<td>Education, Teachers and Teaching</td>
<td>6</td>
<td>N EDUF1011</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUF1019</td>
<td>Human Development and Education</td>
<td>6</td>
<td>N EDUF1012</td>
<td>Semester 2</td>
</tr>
</tbody>
</table>

Curriculum and Professional Studies Units

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Title</th>
<th>Credit Points</th>
<th>Prerequisites</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUH1005</td>
<td>Professional Practice in PDHPE 1</td>
<td>6</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUH1007</td>
<td>Pedagogy for Physical Education 1</td>
<td>6</td>
<td>P EDUH1005</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUH1006</td>
<td>Identifying Health Determinants</td>
<td>6</td>
<td>P EDUH1005</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUH1017</td>
<td>Sports Mechanics</td>
<td>6</td>
<td>A No assumed knowledge of Physics N PHYS1001, PHYS1002, PHYS1901</td>
<td>Semester 2</td>
</tr>
</tbody>
</table>

YEAR 2

In the second year, candidates must complete 48 credit points of units of study, comprising:
- 12 credit points of Education Two units; and
- 36 credit points of Curriculum and Professional Studies units.

Education Two Units

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Title</th>
<th>Credit Points</th>
<th>Prerequisites</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUF2006</td>
<td>Educational Psychology</td>
<td>6</td>
<td>P (EDUF1018 and EDUF1019) or 30 junior credit points</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUF2007</td>
<td>Social Perspectives on Education</td>
<td>6</td>
<td>P (EDUF1018 and EDUF1019) or 30 junior credit points</td>
<td>Semester 2</td>
</tr>
</tbody>
</table>

Curriculum and Professional Studies Units

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Title</th>
<th>Credit Points</th>
<th>Prerequisites</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUH2016</td>
<td>Health of Young People 1</td>
<td>6</td>
<td>P 36 junior credit points including EDUF1018, EDUF1019, EDUH1005 and EDUH1006.</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUH2017</td>
<td>Pedagogy for Physical Education 2</td>
<td>6</td>
<td>P 36 junior credit points including EDUF1018, EDUF1019, EDUH1007 and EDUH1005.</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUH2020</td>
<td>Applied Anatomy and Physiology</td>
<td>6</td>
<td>P 36 junior credit points including EDUF1018, EDUF1019, EDUH1017 and EDUH1005</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUH2018</td>
<td>Indigenous Perspectives in PDHPE</td>
<td>6</td>
<td>P 36 junior credit points including EDUF1018, EDUF1019 and EDUH1005</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUH2019</td>
<td>Professional Practice in PDHPE 2</td>
<td>6</td>
<td>P 36 junior credit points including EDUF1018, EDUF1019 and EDUH1005.</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUH2029</td>
<td>Outdoor Education</td>
<td>6</td>
<td>P 36 junior credit points including EDUF1005, EDUF1018 and EDUF1019</td>
<td>Semester 2</td>
</tr>
</tbody>
</table>

YEAR 3

In the third year, candidates must complete 48 credit points of units of study, comprising the Curriculum and Professional Studies units listed below.

Curriculum and Professional Studies Units

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Title</th>
<th>Credit Points</th>
<th>Prerequisites</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUF3023</td>
<td>Sport: Contemporary Educational Issues</td>
<td>6</td>
<td>P 42 credit points</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUF3017</td>
<td>ICT and Behaviour Management in PDHPE</td>
<td>6</td>
<td>P 72 credit points from HMHE and EDUF curriculum units including EDUH1005, EDUH2019</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUF3018</td>
<td>Pedagogy for Physical Education 3</td>
<td>6</td>
<td>P 72 credit points from HMHE and EDUF curriculum units, including EDUH1007, EDUH2017, EDUH2019</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUF3020</td>
<td>Professional Practice in PDHPE 3</td>
<td>6</td>
<td>P 72 credit points from HMHE and EDUF curriculum units, including EDUH1005, EDUH2019</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUF3031</td>
<td>Positive Approaches to Special Education</td>
<td>6</td>
<td>P 42 credit points</td>
<td>Semester 1 Semester 2</td>
</tr>
<tr>
<td>EDUF3019</td>
<td>Pedagogy for Physical Education 4</td>
<td>6</td>
<td>P (90 credit points from HMHE) and (EDUF curriculum units, including EDUH1005, EDUH1007, EDUH2017, EDUH2019, EDUH3018)</td>
<td>Semester 2</td>
</tr>
</tbody>
</table>
Bachelor of Education (Human Movement and Health Education)

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUH3010 Health of Young People 2</td>
<td>6</td>
<td>P 90 credit points from HMHE or EDUF units, including EDUH1005, EDUH1006, EDUH2016, EDUH2019, EDUH3020</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUH3029 Training for Performance</td>
<td>6</td>
<td>P 90 credit points from HMHE or EDUF curriculum units, including EDUH1005, EDUH1017, EDUH2020, EDUH2019, EDUH3020</td>
<td>Semester 2</td>
</tr>
<tr>
<td>YEAR 4 CONTINUING 4TH YEAR STUDENTS ONLY (XH026)</td>
<td></td>
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<tr>
<td>In the fourth year, candidates must complete 48 credit points of units of study, comprising:</td>
<td></td>
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<tr>
<td>- 30 credit points of Curriculum and Professional Studies units; and</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- 12 credit points of Human Movement and Health Education Four Optional units; and</td>
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<tr>
<td>- 6 credit points of Education Three Optional unit.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Curriculum and Professional Studies Units</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDUH4002 Physical Education Pedagogy 5</td>
<td>6</td>
<td>P 84 credit points of Professional Studies in HMHE including EDUH3009</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUH4048 Professional Experiences in PDHPE 3</td>
<td>6</td>
<td>P 84 credit points of professional studies in HMHE including EDUH3007</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUH4050 Sports Medicine</td>
<td>6</td>
<td>P 84 credit points of Professional Studies in HMHE</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUH4051 Community Health Issues</td>
<td>6</td>
<td>P 84 credit points of Professional Studies in HMHE including EDUH2010 and EDUH3007</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUH4044 Reading and Designing Research</td>
<td>6</td>
<td>P 120 credit points including EDUF2006 and EDUF2007</td>
<td>Semester 1 Semester 2</td>
</tr>
<tr>
<td><strong>Human Movement and Health Education Four Optional units</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDUH4053 Indigenous Sport, Education and Culture</td>
<td>6</td>
<td>P 84 credit points of professional studies in HMHE</td>
<td>Semester 1 Semester 2</td>
</tr>
<tr>
<td>EDUH4003 Sport Psychology</td>
<td>6</td>
<td>P 84 credit points of Professional Studies in HMHE</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUH4054 Issues in Nutrition Education</td>
<td>6</td>
<td>P 84 credit points of Professional Studies in HMHE</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUH4057 Administration of PDHPE and Sport</td>
<td>6</td>
<td>P 84 credit points of Professional Studies in HMHE</td>
<td>Semester 2</td>
</tr>
<tr>
<td><strong>Honours Pathway</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Candidates who are eligible for Honours must complete the 12 credit points of units of study listed below instead of EDUF4044 and one Education Three Optional unit from Year 4.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDUF4005 Research Honours A</td>
<td>6</td>
<td>Note: Department permission required for enrolment</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUF4006 Research Honours B</td>
<td>6</td>
<td>P EDUF4005 Note: Department permission required for enrolment</td>
<td>Semester 2</td>
</tr>
<tr>
<td><strong>EDUCATION THREE OPTIONAL UNITS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDUF3028 Mentoring in Educational Contexts</td>
<td>6</td>
<td>P 42 credit points</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUF3032 Curriculum and Evaluation</td>
<td>6</td>
<td>P 42 credit points</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUF3035 Multicultural Learning and Teaching</td>
<td>6</td>
<td>P 42 credit points</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUF3034 Australian Theatre, Film and Learning</td>
<td>6</td>
<td>P 42 credit points</td>
<td>Semester 1 Semester 2</td>
</tr>
<tr>
<td>EDUF3026 Global Poverty and Education</td>
<td>6</td>
<td>P 42 credit points</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUF3027 International Education</td>
<td>6</td>
<td>P 42 credit points</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUF3029 Psychology of Learning and Teaching</td>
<td>6</td>
<td>P 42 credit points and EDUF2006</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUF3030 Australian Secondary Schooling</td>
<td>6</td>
<td>P 42 credit points</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUF3036 Arts-Based Learning and Teaching</td>
<td>6</td>
<td>P 42 credit points</td>
<td>Semester 2</td>
</tr>
</tbody>
</table>
Bachelor of Education (Secondary: Humanities and Social Science) and Bachelor of Arts

Candidates must complete 240 credit points of units of study comprising:

YEAR 1

In the first year, candidates must complete 48 credit points of units of study, comprising: - 12 credit points of Education One units of study; - 12 credit points of Junior units in a first teaching area (the Major sequence), chosen from Arts Table A; - 12 credit points of Junior units of study in a second teaching area, chosen from Arts Tables A or B; and - 12 credit points of Junior (level 1000) units of study, chosen from Arts Table A.

Education One Units

EDUF1018 Education, Teachers and Teaching
Credit points: 6 Teacher/Coordinator: Dr Paul Ginnis Session: Semester 1 Classes: 2x 1-hr lecture/wk and 1x 1-hr tutorial/wk commencing week 2 1x 1-hr mentoring seminar commencing week 2 Prohibitions: EDUF1011 Assessment: 1x 1.5hr exam (40%) and 2x 1000wd essays (2x20%) and 1x seminar presentation (20%)

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

EDUF1019 Human Development and Education
Credit points: 6 Teacher/Coordinator: Dr Minkang Kim Session: Semester 2 Classes: 2x 1-hr lecture/wk for 10 wks and 1x 1-hr tutorial/wk for 10 wks and 1x 1-hr ICT workshop for 10 wks Prohibitions: EDUF1012 Assessment: 1x 1hr seminar presentation (30%) and 1x 2000wd essay (30%) and 1x 2hr exam (30%) and 1x ICT task (10%)

This unit, which is the second part of Education I introduces students to the study of human development, with a particular emphasis on the development of early childhood through to adolescence. The unit addresses one of the major goals of Education I, II and III; the learning of a body of knowledge on human development (child and adolescent in particular). It is premised on the view that teaching from a developmental perspective inevitably transforms teachers into problem solvers who adapt and modify their teaching and learning approaches, based on knowledge of factors that promote each child’s optimal development. A core assumption of the unit is that the study of human development is cross-disciplinary; involving in particular psychology, philosophy of science and neurobiology, and that existing developmental theories are open to question and continuing debate. Students are therefore encouraged to engage in this study with critical and creative minds. The unit focuses on the processes and products of human development, related to cognitive emotional, social, moral, motor, and language development. The classical theories will be considered in some detail and examined in the light of contemporary theory and research, drawing in particular on the Dynamic Systems Approach and the neurobiology of the brain. The unit will also consider the impact of history, culture, and social context, and how current skills and interests and prior achievements affect learning and development. In addition, Introduction to Computers in Education, a component of this unit of study in terms of assessment but administratively separate, attempts to impart upon students a beginning knowledge of computers and information technology such that beginning teachers can properly function as educational professionals.

YEAR 2

In the second year, candidates must complete 48 credit points of units of study, comprising: - 12 credit points of Education Two units of study; - 12 credit points of Curriculum and Professional Studies units of study; - 12 credit points of Senior (level 2000 or 3000) units of study in the first teaching area (the Major sequence), chosen from Arts Table A; and - 12 credit points of Intermediate or Senior (level 2000 or 3000) units of study in the second teaching area, chosen from Arts Tables A or B.

Education Two Units

EDUF2006 Educational Psychology
Credit points: 6 Teacher/Coordinator: Dr Richard Walker Session: Semester 1 Classes: 1x 2-hr lecture/wk and 1x 1-hr tutorial/wk Prerequisites: (EDUF1018 and EDUF1019) or 30 junior credit points Assessment: 1x tutorial presentations (oral & written) (30%) and 1x 2000 wd essay (40%) and 1x 2hr exam (30%)

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

EDUF2007 Social Perspectives on Education
Credit points: 6 Teacher/Coordinator: Assoc Prof Debra Hayes Session: Semester 2 Classes: 1x 1hr lecture/wk and 2x 1-hr workshop/wk Prerequisites: (EDUF1018 and EDUF1019) or 30 junior credit points Assessment: workshop presentations (15%) and 1x 1000 wd literature review (15%) and 1x 4000 wd joint research project (35%) and 1x exam 1.5hrs (25%) and 1x oral presentation (10%)

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

Curriculum and Professional Studies Units

EDSE2001
Craft Knowledge and Prof Practices 1
Credit points: 6 Teacher/Coordinator: Dr Kelly Freebody Session: Semester 1 Classes: 1x 1-hr lecture/wk and 1x 2-hr seminar/wk for 11 wks and 1 workshop Prerequisites: 48 credit points including 12 credit points of Education Assessment: 2 x assessment tasks including a practicum portfolio (60%) and 1 x teaching practice (40%)

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

EDSE2002
Indigenous Education: Secondary Schools
Credit points: 6 Teacher/Coordinator: Cathie Burgess Session: Semester 2 Classes: 1x 1-hr lecture/wk for 12 wks and 1x 2hr tutorial/wk for 12 wks Prerequisites: 42 cpts including EDUF1018 and EDUF1019 and EDSE2001 Assessment: 1x tutorial presentation (30%) and 1 x resource evaluation (30%) and 1 x 2500 wd essay (40%)

This unit of study is a compulsory unit within the combined degrees program. It prepares students to become effective teachers of Indigenous students and develops an understanding of the current social, political and economic challenges faced by Indigenous peoples and communities. Examining Australia’s history from Indigenous Australian perspectives will provide foundation to address issues impacting on the educational outcomes of Indigenous students. An exploration of the diversity of Indigenous cultures will equip students with a knowledge of culturally appropriate teaching and learning strategies to meet the educational needs of Indigenous students. The unit also provides an overview of Aboriginal educational policies and priorities which impact on all students in NSW schools and firmly emphasises the importance of ongoing consultation and engagement with Indigenous communities and key stakeholders. Through studying this unit, students will continue to construct their own identity as a teacher and acquire the knowledge and skills to create inclusive classrooms.

YEAR 3

In the third year, candidates must complete 48 credit points of units of study, comprising: 36 credit points of Curriculum and Professional Studies units of study including 24 credit points of teaching area units; and- 12 credit points of Senior (level 2000 or 3000) units of study in the first teaching area (the Major sequence), chosen from Arts Table A.

Curriculum and Professional Studies Units

EDSE3072
Craft Knowledge and Prof Practices 2
Credit points: 4 Teacher/Coordinator: Dr Dorothy Bottrell Session: Semester 2 Classes: 2x 1-hr lecture/wk and 1x 2-hr seminar/wk and 1x 1-hr tutorial/wk for 5 wks Prerequisites: 72 credit points including 24 credit points of Education, EDSE2001 and two of the following: EDSE3037, EDSE3038, EDSE3040, EDSE3041, EDSE3042, EDSE3043, EDSE3044, EDSE3045, EDSE3046, EDSE3047, EDSE3048, EDSE3049, EDSE3050, EDSE3051, EDBT5610. Assessment: 1x 1000wd presentation (30%) and 1x 1500wd lesson analysis (40%) and 1x 1500wd report (30%)

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

EDSE3073
Professional Experience A
Credit points: 2 Teacher/Coordinator: Dr Di Bloomfield Session: Semester 2 Classes: 20 days of Professional Experience Prerequisites: 72 credit points including 24 credit points of Education, EDSE2001 and two of the following: EDSE3037, EDSE3038, EDSE3040, EDSE3041, EDSE3042, EDSE3043, EDSE3044, EDSE3045, EDSE3046, EDSE3048, EDSE3049, EDSE3050, EDSE3051, EDBT5610 Assessment: Satisfies Requirements/Fail (100%)

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

EDUF3031
Positive Approaches to Special Education
Credit points: 6 Teacher/Coordinator: Dr Ilektra Spandagou Session: Semester 1, Semester 2 Classes: 1x 1-hr lecture/wk for 12 wks and 1x 2-hr workshop for 6 wks and 20 hrs fieldwork placement Prerequisites: 42 credit points Assessment: 1x 2-hour project equv 4000 wds (40%) and 1x examination equv 650 wds (15%) and 3 position statements equv 1350 wds (3x15%)

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

Teaching Area Units

EDSE3076
Teaching Commerce/Business Studies 1
Credit points: 6 Teacher/Coordinator: Kate Keeley Session: Semester 1b Classes: 1x1hr lecture/week and 1x 1hr tutorial/week and 1x 2hr seminar/week Prerequisites: 54 credit points including 24 credit points of Education and EDSE2001 and 12 intermediate/senior credit points of Political Economy and/or Economics and/or Work and Organisational Studies and 6 credit points of Accounting Assessment: 1x lesson plans (30%) and 1x resource folder (30%) and 1x eLearning task (40%)

This unit of study aims to make students confident, enthusiastic and competent teachers of Commerce/Business Studies. It will develop competencies and skills in lesson planning, programming and pedagogy in teaching Commerce in Stage 4. An understanding of the NSW Board of Studies Years 7-10 (Stage 4/5) Commerce Syllabus will be emphasised and students will develop lesson plans, programs, teaching resources and a range of Commerce teaching materials. There will be an emphasis on ICT, literacy and civics and citizenship education throughout.

EDSE3077
Teaching Commerce/Business Studies 2
Credit points: 6 Teacher/Coordinator: Ms Kate Keeley Session: Semester 2 Classes: 1x1hr lecture/week, 1x1hr tutorial/week and 1x2hr seminar/week over 9 weeks Prerequisites: EDSE3076 and (12 intermediate credit points from ECOOP or ECOO2 or WORK and 6 credit points of Accounting Assessment: excursion task (30%) and eLearning task (30%) and resource task (40%)

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

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

Credit points: 6  
Teacher/Coordinator: Ms Kate Keeley  
Session: Semester 1b  
**Classes:** 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk and 1x 2-hr seminar/wk  
**Prerequisites:** EDSE3050 and 12 intermediate credit points of economics or political economy  
**Assessment:** 1x excursion task (30%) and 1x eLearning task (40%)

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

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

Credit points: 6  
Teacher/Coordinator: Ms Kate Keeley  
Session: Semester 2  
**Classes:** 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk and 1x 2-hr seminar/wk  
**Prerequisites:** EDSE3050 and 12 intermediate credit points of economics or political economy  
**Assessment:** 1x excursion task (30%) and 1x eLearning task (40%) and 1x consumer and financial literacy resource task (30%)

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

**EDSE3042**
**Teaching Drama 1**

Credit points: 6  
Teacher/Coordinator: Dr Michael Anderson/Dr Kelly Freebody  
Session: Semester 1b  
**Classes:** 2x 2-hr workshop/wk  
**Prerequisites:** EDSE3042 and 12 intermediate credit points of Economics or Political Economy  
**Assessment:** 1x essay (40%) and 1x teaching program (60%)

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

**EDSE3060**
**Teaching Drama 2**

Credit points: 6  
Teacher/Coordinator: Dr Michael Anderson  
Session: Semester 2  
**Classes:** 2x 2-hr workshops/wk  
**Prerequisites:** EDSE3042 plus 12 senior credit points of Performance Studies  
**Assessment:** 1x 2500 wd essay (40%) and 1x top area program (60%)

This unit continues the preparation for teaching Drama 7-12, with a focus on Stage 6, Higher School Certificate Drama. Students examine the issues relating to individual project work and the collaborative aspects of the drama syllabuses. This unit also explores issues related to assessment and programming of drama as well as exploring quality teaching in drama education. Students will deepen their understanding of the cognitive/affective development which the study of Drama anticipates, and further develop their own personal style of teaching.

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

Credit points: 6  
Teacher/Coordinator: Dr Jacqueline Manuel  
Session: Semester 1b  
**Classes:** 1x 3-hr seminar/wk for 8 wks and 1x 1-hr lecture/wk for 8 wks  
**Prerequisites:** EDSE2001 and 12 Intermediate credit points of English or Political Economy  
**Assessment:** 1x 1000wd research tasks (30%) and 1x 4000wd Professional Development Portfolio (70%)

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

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

Credit points: 6  
Teacher/Coordinator: Dr Jacqueline Manuel  
Session: Semester 2  
**Classes:** 1x 3-hr seminar/wk for 9 wks and 1x 1-hr lecture/wk for 9 wks  
**Prerequisites:** EDSE3044 and 12 senior credit points of English  
**Assessment:** 1x 4000wd unit of work (70%) and 1x 1000 Resource Portfolio (30%)

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

**EDSE3041**
**Teaching Geography 1**

Credit points: 6  
Teacher/Coordinator: Ms Kate Keeley  
Session: Semester 1b  
**Classes:** 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk and 1x 2-hr seminar/wk  
**Prerequisites:** EDSE3041 and 12 Intermediate credit points of Geography  
**Assessment:** 1x lesson plan task (30%) and 1x teaching and learning folder (30%) and 1x eLearning task (40%)

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

**EDSE3059**
**Teaching Geography 2**

Credit points: 6  
Teacher/Coordinator: Ms Kate Keeley  
Session: Semester 2  
**Classes:** 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk and 1x 2-hr seminar/wk  
**Prerequisites:** EDSE3041 plus 12 intermediate credit points of geography  
**Assessment:** 1x group/excursion task (30%) and 1x eLearning task (40%) and 1x literacy task (30%)

This unit of study will build on the study of years 7-10 Geography syllabus with an emphasis on Stage 5. This unit of study provides opportunities for students to achieve outcomes in understanding the curriculum design of Geography education in Stage 5. The unit enhances designing and delivering a range of teaching strategies, evaluating and developing teaching resources and assessing students’ achievement in Geography. A particular focus will be placed on the use of Geography tools and skills in teaching Years 7-10 Geography. Students will also learn to design and implement an excursion for Years 7-10. Further emphasis throughout will be placed on literacy, civics and citizenship education and ICT.
EDSE3040 Teaching History 1
Credit points: 6
Teacher/Coordinator: Dr Tim Allender
Session: Semester 1b
Classes: 1x 1-hr lecture/week, 1x 1 hr practical/week, 1 x 3 hr seminar/week
Prerequisites: "EDSE3040 and 12 senior credit points of History
Assessment: 1x peer teaching (30%) and 1x collaborative assignment requiring developing teaching and learning strategies around a particular approach to history teaching and learning (70%)

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

EDSE3058 Teaching History 2
Credit points: 6
Teacher/Coordinator: Dr Tim Allender
Session: Semester 2
Classes: 1x 1-hr lecture/week, 1x 1 hr workshop/week, 1x 2-hr seminar/week
Prerequisites: "EDSE3040 and 12 Senior credit points of History
Assessment: 1x peer teaching (30%) and 1x collaborative assignment requiring developing teaching and learning strategies around a particular approach to history teaching and learning (70%)

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

EDSE3047 Teaching Languages 1A
Credit points: 6
Teacher/Coordinator: Assoc Prof Lesley Harbon, Dr Ruth Fielding
Session: Semester 1b
Classes: 1x 1-hr lecture/week and 3x 1-hr tutorial/week and 2x 4-hr practical weeks 13 and 14
Prerequisites: "EDSE3040 and 12 Senior credit points of History
Assessment: 1x 2500wd essay (40%) and 1x 1500wd lesson plan (25%) and 1x 2000wd portfolio (35%)

This unit of study is the initial Languages Curriculum (method) unit for prospective secondary languages teachers. The unit is designed to introduce pre-service languages teachers to key concepts and understandings of languages education and build their awareness and skills in preparing for and teaching in NSW secondary classrooms. Students will gain broad understandings about the nature and scope of languages education in the NSW context, about traditional and more contemporary and innovative classroom practices and particular aspects of policy and Board of Studies documentation.

EDSE3065 Teaching Languages 2A
Credit points: 6
Teacher/Coordinator: Assoc Prof Lesley Harbon, Dr Ruth Fielding
Session: Semester 2
Classes: 1x 1-hr lecture/week and 3x 1-hr tutorial/week and 2x 4-hr practical weeks 13 and 14
Prerequisites: "EDSE3047 and 12 Senior credit points of Languages
Assessment: 1x 2500wd e-resource appraisal (40%) and 1x 2500wd assessment task (40%) and 1x 1000wd portfolio (20%)

This unit is designed to build on curriculum unit Teaching Languages 1A. With their deepening knowledge of the theory and the practices of the languages classroom, pre-service languages teachers will investigate issues in languages curriculum teaching and assessment.

EDSE3048 Teaching Languages 1B
Credit points: 6
Teacher/Coordinator: Assoc Prof Lesley Harbon
Session: Semester 1b
Classes: 1x 1-hr lecture/week
Prerequisites: "EDSE3047 and 12 Senior credit points of Languages
Assessment: 1x 2500wd written task (40%) and 1x 1500wd lesson plans (25%) and 1x 2000wd portfolio (35%)

This unit of study is the initial Languages Curriculum (method) unit for prospective secondary languages teachers who have two languages as teaching methods. Students will gain broad understandings about the nature and scope of languages education in the NSW context, about traditional and more contemporary and innovative classroom practices and particular aspects of policy and Board of Studies documentation.

EDSE3071 Teaching Languages 2B
Credit points: 6
Teacher/Coordinator: Assoc Prof Lesley Harbon
Session: Semester 2
Classes: 1x 1-hr lecture/week and 3x 1-hr workshop/week, 1x 2-hr seminar/week
Prerequisites: "EDSE3047 and EDSE3048 and 12 Senior credit points of Languages
Assessment: 1x 2500wd report (40%) and 1x 2500wd assessment task (40%) and 1x 1000wd portfolio (20%)

This unit is designed for pre-service language teachers continuing with their curriculum method study in an additional target language. The unit will continue to build pre-service language teachers' awareness, skills and understandings in languages assessment, differentiation of the curriculum and use of ICT tools.

EDSE3045 Teaching Mathematics 1A
Credit points: 6
Teacher/Coordinator: Assoc Prof Judy Anderson
Session: Semester 1b
Classes: 2x 2-hrs/week for 9 wks
Prerequisites: "EDSE3045 and 12 Senior credit points of Intermediate Mathematics
Assessment: 1x 2500wd group report (40%) and 1x 4000wd presentation and individual written reflection (60%)

The aim of this unit of study is to introduce issues associated with the teaching and learning of mathematics from Kindergarten to Year 12 to student teachers undertaking both double and single mathematics methods. The continuum of learning for K to 10 will be explored as it outlines the developmental nature of learning mathematics, building concepts across the transitional stages of schooling, and considering strategies to address the learning needs of the full range of students in the mathematics classroom. The importance of building upon learning in the primary school years will be a key focus in this first mathematics methods unit of study. Particular issues in the teaching and learning of mathematics will be addressed through the investigation of scenarios related to school contexts. To reflect the collaborative nature of working in a team of teachers in schools, student teachers will form small learning teams to explore scenarios, related to high school settings. In these teams, student teachers will be required to collaboratively investigate the issues raised in the scenarios and plan sequential learning experiences appropriate for high school students.

EDSE3063 Teaching Mathematics 2A
Credit points: 6
Teacher/Coordinator: Assoc Prof Judy Anderson
Session: Semester 2
Classes: 2x 2-hrs/week for 9 wks
Prerequisites: "EDSE3045 and 12 credit points of Intermediate Mathematics or Statistics
Assessment: 1x 2500wd assignment (40%) and 1x 3500wd assignment (60%)

This is the second unit of study for both single and double mathematics method student teachers. The focus of this unit of study is a detailed examination of the school mathematics curriculum to develop student teachers' knowledge and understanding of the mathematics curriculum requirements and appropriate pedagogy. The rationale, aim, content, course requirements and key terms from the curriculum will be examined and used to plan, program and develop lesson plans for key mathematics concepts. Building on their understandings from Mathematics Curriculum 1, student teachers will examine the content strands of the mathematics curriculum to develop appropriate models of pedagogy for teaching and assessment. Common student misconceptions will form the basis of planning and programming so that student teachers are prepared to meet the needs of the full range of students. Additional strategies for differentiating the curriculum and embedding technology into lessons will be explored. A range of technologies will be examined in this unit including interactive whiteboards, computer software packages and graphics calculators. Strategies for assessing mathematics knowledge, skills and understanding will be considered with student teachers developing skills in designing assessment tasks. Assessment for learning and assessment of learning will be discussed with rich tasks developed for both purposes.
In particular this Unit focuses on introducing pedagogy strategies for content, key terms and course requirements of all visual arts syllabi. This unit relates to the overall goal of the TESOL program, which is to provide students with both a foundation and a framework for the successful teaching of English to speakers of other languages. The unit will encourage them to make decisions about appropriate classroom strategies across the curriculum, give insight into the current debates within the field and suggest a direction for future thinking. The unit outlines the background to the teaching of English to speakers of other languages, with a focus on oral skills and design of interactive tasks.

EDSE3043
Teaching TESOL 1
Credit points: 6
Teacher/Coordinator: Dr Ken Cruickshank
Session: Semester 1b
Corequisites: 1x 2-hr tutorial-seminar-workshop/wk for 8 wks
Prerequisites: EDSE2001 plus 12 Senior credit points of either Linguistics, English or Languages
Assessment: 1x case study (30%) and 1x set of lesson plans (40%) and 1x review of resources (30%)

This unit builds on the learning in the Visual Arts 7-12 and the other syllabi studied. Subsequently a range of strategies for teaching and assessing visual arts practices will be explored. In addition this Unit will introduce candidates to various pedagogy strategies for teaching Visual Arts 7-12, to meet the needs of all students, specifically Aboriginal and Torres Strait Islander students and students with special education needs. Through thorough and critical research of contemporary models of pedagogy in the Visual Arts and exploring the professional standards framework and its impact on the work of a teacher, candidates will begin to develop a teaching philosophy.

EDSE3038
Teaching Visual Arts 1B
Credit points: 6
Teacher/Coordinator: Dr Marianne Hulsbosch
Session: Semester 2
Corequisites: 1x 1-hr lecture/wk and 1x 2-hr tutorial-seminar-workshop/wk for 8 wks
Prerequisites: 54 credit points including 24 credit points of Education including EDSE2001 and 12 senior credit points of Art History and Theory
Corequisites: EDSE3037 Assessment: 1x collaborative lesson presentation 2000 wds (40%) and 1x stage 4 interactive study guide 2000 wds (40%) and 1x visual art reflective journal 1000 wds (20%)
Note: Candidates may need to complete two or more units of study in the Faculty of Architecture Tin Sheds program

This unit builds on the content of the core unit EDSE 3037 and further investigates the knowledge base underpinning the principles and practices of learning and teaching in the Visual Arts in Stages 4 and 5. In particular this Unit facilitates the development, implementation and critical assessment of models of pedagogy for teaching Visual Arts in Stage 4. Additionally the role and value of various student learning resources are investigated and specific criteria are developed to assess the suitability and appropriateness of these student learning objects. Furthermore candidates will examine the central concepts, modes of enquiry and the structures of painting, drawing or wet photography; subsequently they are to critically investigate current models of pedagogies related to these specific disciplines.

EDSE3037
Teaching Visual Arts 2B
Credit points: 6
Teacher/Coordinator: Dr Marianne Hulsbosch
Session: Semester 2
Corequisites: 1x 1-hr lecture/wk and 1x 2-hr tutorial-seminar-workshop/wk for 8 wks
Prerequisites: EDSE3037 and EDSE3038
Corequisites: EDSE3056 Assessment: 1x visual art reflective journal 2000 wds (33%) and 1x stage 6 case study 2000 wds (33%) and 1x essay 2000 wds (34%)
Note: Candidates may need to complete an additional unit of study in the Faculty of Architecture Tin Sheds program

This unit builds on the learning in EDSE3056 and further explores the knowledge base underpinning the principles and practices of learning and teaching in the Visual Arts in the Stage 6 course through investigating the aims, objectives, outcomes, content, key terms and course requirements of the arts syllabi. Candidates will be introduced to the central concepts, modes of enquiry and the structures of ceramics, object design or print media and explore various pedagogies for assessing learning in these media in the Visual Arts 7-12. Subsequently candidates will further critically examine current knowledge and understandings of art education issues specifically related to Aboriginal and Torres Strait Islander students and those with special education needs. In addition candidates are introduced to the significance of case studies as a means of developing greater insight into the visual arts and consider a range of strategies in implementing case studies in a Stage 6 HSC program of learning.

EDBT5610
Classical Hebrew & Judaism Curriculum 1
Credit points: 6
Teacher/Coordinator: Neta Steigard
Session: Semester 1b
Corequisites: 1x 1-hr lecture/wk and 1x 2-hr seminar/wk
Prerequisites: 54 credit points including 24 credit points of Education and EDSE2001 plus 12 credit points of Junior and 12 credit points of Senior Classical Hebrew
Assessment: 1 x 2500 wd essay (40%) and 1 x case study 2500 wds (33%) and 1 x resource portfolio (25%)

This unit of study is the first in a series designed for students who intend to teach Judaic Studies/Classical Hebrew texts within relevant syllabuses in Stages 4 and 5 and the NSW Board of Studies...
Hebrew Stage 6 Continuers and Extension Syllabus. The unit develops foundational skills for language pedagogy for the classroom teaching of Classical Hebrew texts in the local Judaic Studies educational context.

EDBT5660 Classical Hebrew & Judaism Curriculum 2
Credit points: 6 Teacher/Coordinator: Neta Steigrad Session: Semester 2 Classes: 1x 3-hr seminar/wk for 9 weeks Prerequisites: EDBT5610 Assessment: 1 x 1500 wd essay (25%), 1x lesson presentation (25%) 1x integrated unit of work for Stage 4-5 learners (50%)

This unit of study is the second in a series designed for students who intend to teach Judaic Studies/Classical Hebrew texts within relevant syllabuses in Stages 4 and 5 and the NSW Board of Studies Classical Hebrew Stage 6 Continuers and extension syllabus. The unit focuses on applications in the classroom of understanding of adolescent development, classroom management, lesson planning and specialised pedagogy of the discipline, including literacy skills and integrating texts within the Classical Hebrew outcomes of the Stage 4-5 Modern Hebrew Syllabus

YEAR 4
In the fourth year, candidates must complete 48 credit points of units of study, comprising: 30 credit points of Curriculum and Professional Studies units of study including 12 credit points of teaching area units; and 12 credit points of Senior (level 2000 or 3000) units of study in the first teaching area (the Major sequence), chosen from Arts Table A; 6 credit points of Education Three Optional units of study.

Curriculum and Professional Studies Units
EDSE4042 Craft Knowledge and Prof Practices 3
Credit points: 6 Teacher/Coordinator: Dr Kelly Freebody Session: Semester 1 Classes: 2x 1-hr lecture/wk and 1x 2-hr seminar/wk and 1x 1-hr tutorial/wk for 7 weeks Prerequisites: 108 credit points including 30 credit points of Education, EDSE3073, EDSE3071, EDSE3072 and two of the following: EDSE3056, EDSE3057, EDSE3058, EDSE3059, EDSE3060, EDSE3061, EDSE3062, EDSE3063, EDSE3064, EDSE3065, EDSE3070, EDSE3061, EDSE3062, EDSE3066, EDSE3067, EDSE3068, EDST5660 Assessment: 1x 2 assessment tasks including a tutorial presentation (50%) and 1x report (50%)

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

EDSE4043 Professional Experience B
Credit points: 2 Teacher/Coordinator: Dr Di Bloomfield Session: Semester 1 Classes: 25 days Professional Experience Prerequisites: 108 credit points including 30 credit points of Education, EDSE2001, EDSE3072, EDSE3073 and two of the following: EDSE3056, EDSE3057, EDSE3058, EDSE3059, EDSE3060, EDSE3061, EDSE3062, EDSE3063, EDSE3064, EDSE3065, EDSE3071, EDSE3067, EDSE3068, EDST5660 Corequisites: EDSE4042 Assessment: Satisfies Requirements/Fails (100%)

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

EDSE4044 Information Technology in Schools
Credit points: 4 Teacher/Coordinator: Dr Chun Hu Session: Semester 2 Classes: 1x 2hr workshop/wk for 10 wks Prerequisites: 108 credit points including 30 credit points of Education. EDSE2001, EDSE3072 and two of EDSE4021, EDSE4022, EDSE4023, EDSE4024, EDSE4025, EDSE4026, EDSE4027, EDSE4028, EDSE4029, EDSE4030, EDSE4031, EDSE4032, EDSE4033, EDSE4034, EDSE4035, EDST4004 and EDBT5610 Corequisites: EDSE4042, EDSE4043 Prohibitions: EDSE4038 Assessment: 1x ICT project one (20%) and 1x project two (60%)

The unit of study builds on student's knowledge and skills gained from their previous learning and communication technologies (ICT) related units of study, and curriculum subject areas. The unit of study focuses on multimedia learning theory and learning from and with multimedia/hypermedia. Students will be provided with an overview of the principles of designing multimedia/hypermedia resources to enhance the learning/teaching process. By immersing ICT tools as part of assignments and activities, the unit of study will provide students with hands-on experiences of designing/developing learning resources relevant to their curriculum subjects.

EDUF4044 Reading and Designing Research
Credit points: 6 Teacher/Coordinator: Associate Professor Debra Hayes, Dr Linda Markauskaite, Dr George Odihambo Session: Semester 1, Semester 2 Classes: 2x 1-hr lecture/wk and 1x 2-hr workshop/wk and 1x 1-hr online activities/wk for 7 weeks Prerequisites: 120 credit points including EDUF2006 and EDBT2007 Assessment: 1x literature review online (20%) and 1x literature review written (20%) and 1x poster (20%) and 1x presentation (10%) and 1x research proposal (30%)

This unit of study is designed to introduce you to the field of research in education. You will develop an appreciation of the broad range of research topics in education and their associated forms of systematic inquiry. The unit will prepare you to read and interpret research, and to conduct small scale investigations in a range of contexts such as classrooms or schools, or within another setting in which learning opportunities are afforded. These settings might include online communication, outdoor education, excursions, coaching, tutoring, and informal learning associated with home and community contexts. The kinds of research questions considered might include pedagogy, curriculum, policy, and organizational issues, and might consider the perspectives of students, teachers, parents, policymakers and/or the broader community. In preparing an individual research proposal, you will draw upon the research literature to develop your topic and to select a form of inquiry that is suited to it.

Teaching Area Units
EDSE4045 Teaching Commerce/Business Studies 3
Credit points: 6 Teacher/Coordinator: Ms Kate Keeley Session: Semester 1b Classes: 1x 1hr tutorial/wk and 1x 1hr lecture/wk and 1x 2hr seminar/wk Prerequisites: EDSE3076 and EDSE3077 Assessment: 1x assessment task (30%) and 1x program development (30%) and 1x eLearning task (40%)

This unit will prepare students to be effective teachers of Stage 6 Business Studies. The unit will develop competencies and skills in lesson planning, programming and pedagogy in teaching Business Studies in Stage 6. An understanding of the NSW Board of Studies Years 11-12 Business Studies Syllabus will be emphasised and students will develop lesson plans, programs, teaching resources and a range of Business Studies teaching materials. Further emphasis will be placed on ways that Board of Studies HSC assessment requirements can be met including developing assessment tasks and programs. Use of ICT for both teaching and preparation will be a focus on this unit.

EDSE4033 Teaching Commerce/Economics 3
Credit points: 6 Teacher/Coordinator: Ms Kate Keeley Session: Semester 1 Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk and 1x 2-hr seminar/wk Prerequisites: EDSE3050 and EDSE3067 Corequisites: EDSE4042, EDSE4043 Assessment: 1x case study (30%) and 1x teaching and learning folder (30%) and 1x eLearning task (40%)
This unit of study will focus on teaching the Economics Syllabus for Years 11-12. In this unit students will study particular issues facing students studying for the HSC in NSW schools. Students will build on their previous studies in Years 7-10 Commerce and further develop teaching strategies, resources and assessment techniques for teaching Stage 6 Economics. Added emphasis will be placed on assessment strategies and programs for the Preliminary/HSC course in Economics focusing on NSW Board of Studies requirements. Students will also look at the ways the study of Economics for the HSC can lead to various post school destinations. Professional association membership and HSC marking will be promoted throughout this unit.

EDSE4025 Teaching Drama 3
Credit points: 6 Teacher/Coordinator: Dr Michael Anderson, Dr Kelly Freebody Session: Semester 1 Classes: 2x 2-hr workshops/wk Prerequisites: EDSE3042 and EDSE3060 plus 12 credit pts of Performance Studies Corequisites: EDSE4042, EDSE4043 Assessment: 1x reflective portfolio (50%) and 1x curriculum portfolio (50%)

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

EDSE4027 Teaching English 3
Credit points: 6 Teacher/Coordinator: Dr Jacqueline Manuel Session: Semester 1 Classes: 1x 3-hr seminar/wk for 6 wks and 1x 1-hr lecture/wk for 6 wks and 1x 8-hr module research study Prerequisites: EDSE3044 and EDSE3062 Corequisites: EDSE4042, EDSE4043 and EDSE4044 Assessment: 1x 1500wd research task (30%) and 1x 3000wd program and resources (70%)

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

EDSE4024 Teaching Geography 3
Credit points: 6 Teacher/Coordinator: Ms Kate Keeley Session: Semester 1 Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk and 1x 2-hr seminar/wk Prerequisites: EDSE3041 & EDSE3059 Corequisites: EDSE4042 and EDSE4043 Assessment: 1x assessment task (30%) and 1x program of work (30%) and 1x eLearning task (40%)

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

EDSE4023 Teaching History 3
Credit points: 6 Teacher/Coordinator: Dr Tim Allender Session: Semester 1 Classes: 1x 1-hr lecture/week, 1x 2-hr seminar/week Prerequisites: EDSE3040 and EDSE3058 Corequisites: EDSE4042 and EDSE4043 Assessment: 1x class presentation (15%) and 1x planning a unit outline and the mapping of appropriate teaching and assessment strategies (85%)

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

EDSE4030 Teaching Languages 3A
Credit points: 6 Teacher/Coordinator: Assoc Prof Lesley Harbon Session: Semester 1 Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk and 1x 4-hr practical in week 13 Prerequisites: EDSE3047 and EDSE3065 Corequisites: EDSE4042 and EDSE4043 Assessment: 1x 2000wd oral presentation (35%) and 1x 3000wd unit of work (45%) and 1x 1000wd portfolio (20%)

This unit is designed to build on earlier languages curriculum units to prepare pre-service teachers for their future teaching. Students continue to investigate cases of languages and cultures education, honing skills, understandings and competencies for future employment and preparing for lifelong professional development.

EDSE4031 Teaching Languages 3B
Credit points: 6 Teacher/Coordinator: Assoc Prof Lesley Harbon Session: Semester 1 Classes: 1x 1-hr lecture/wk Prerequisites: EDSE3047, EDSE3048, EDSE3065 and EDSE3071 Corequisites: EDSE4030, EDSE4042 and EDSE4043 Assessment: 1x 2000wd parent newsletter (35%) and 1x 3000wd unit of work (45%) and 1x 1000wd portfolio (20%)

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

EDSE4028 Teaching Mathematics 3A
Credit points: 6 Teacher/Coordinator: Assoc Prof Judy Anderson Session: Semester 1 Classes: 2x 3-hr seminar/wk for 9 wks Prerequisites: EDSE3045 and EDSE3063 Corequisites: EDSE4042, EDSE4043 Assessment: 1x 3000wd resource portfolio (50%) and 1x 3000wd assignment (50%)

This is the third unit of study for both single and double mathematics method student teachers. The focus of this unit of study is a detailed examination of the syllabus documents for the senior secondary students enrolled in mathematics courses for the Higher School Certificate in NSW (HSC). For each of the syllabus documents, the aims, objectives, content, course requirements and key terms will be examined and used to plan, program and develop appropriate teaching strategies as well as learning and assessment tasks for key mathematics concepts. For all of the mathematics courses offered in the senior school, student teachers will evaluate and design learning and assessment tasks using a range of resources as well as plan and program lesson sequences to differentiate learning and support the development of deeper understandings of challenging mathematics concepts including calculus. Retention of students beyond the compulsory years of schooling (Year 10) will be examined to identify issues associated with students’ motivation and engagement to continue the study of mathematics. Career choice limitations will be discussed to explore ways the continued learning of mathematics and mathematics and science careers can be promoted in schools.

EDSE4026 Teaching TESOL 3
Credit points: 6 Teacher/Coordinator: Dr Ken Cruickshank Session: Semester 1 Classes: 1x 2-hr sem/workshops/wk Prerequisites: EDSE3043 and EDSE3061 Corequisites: EDSE4042 and EDSE4043 and EDSE4044 Assessment: 1x minor research project (40%) and 1x pronunciation program (30%) and 1x seminar presentation (30%)

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

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Bachelor of Education (Secondary: Humanities and Social Science) and Bachelor of Arts
They need an understanding of students’ cultural backgrounds and skills in intercultural communication.

**EDSE4021**
Teaching Visual Arts 3A
Credit points: 6
Teacher/Coordinator: Dr Marianne Hulsbosch
Session: Semester 1
Classes: 1x 2-hr lecture/wk for 8 wks and 1x 2-hr tutorial-seminar-workshop/wk for 6 wks
Prerequisites: EDSE3037 and EDSE3056
Corequisites: EDSE4042, EDSE4043
Assessment: 1x visual art body of work and VAPD 4000wds (65%) and 1x essay 2000wds (35%)
Note: Candidates may need to complete an additional unit of study in the Faculty of Architecture Tin Sheds program

This course aims to introduce art education issues, perspectives and skills development with a specific focus on the Stage 6 HSC program. Candidates will investigate the aims, objectives, outcomes, content, key terms and course requirements of the HSC requirements of the Visual Arts Stage 6 syllabus, in particular in relation to assessment of art making and art history/theory. This Unit introduces candidates to models of pedagogy for assisting Stage 6 students in examination preparation of the Body of Work and the associated Visual Arts Process Diary, as well as the written examination paper. This Unit also critically examines curriculum different models of art pedagogy (e.g. Montessori, Steiner, Dalton and the International Baccalaureate); visual art safety and risk management practices, budgeting, selecting, storing, maintaining and replacing materials, equipment and other art education resources, as well as the various national and international professional art teacher associations and the various professional development opportunities available in NSW. Candidates will further examine the current development of the Australian National Curriculum and the latest position of the arts, how they conceive their role as a Visual Arts teacher in schools and the wider community, and how they can contribute to achieve this goal.

**EDSE4022**
Teaching Visual Arts 3B
Credit points: 6
Teacher/Coordinator: Dr Marianne Hulsbosch
Session: Semester 1
Classes: 1x 2-hr lecture/wk for 8 wks and 1x 2-hr tutorial-seminar-workshop/wk for 6 wks
Prerequisites: EDSE3037 and EDSE3038 and EDSE3056 and EDSE3057
Corequisites: EDSE4021 and EDSE4042 and EDSE4043
Assessment: 1x stage 6 program of learning 1500wds (25%) and 1x collaborative research project 2500wds (45%) and 1x visual art reflective journal 2000wds (30%)
Note: Candidates may be required to complete and additional unit of study in the Faculty of Architecture Tin Sheds program

This unit builds on the core unit EDSE4021 through a deeper exploration of the knowledge base underpinning the principles and practices of learning and teaching in the Visual Arts in Stage 6 course by investigating the aims, objectives, outcomes, content, key terms and course requirements of the Stage 6 Visual Arts and Content Endorsed syllabi. This unit further explores issues and perspectives of the HSC written examination through mapping and planning a Stage 6 program of learning. Additionally this unit considers the relationship between teachers and the wider community and further explores professional communities within and external to the school environment. In particular this unit facilitates candidates’ experiences to contribute to these communities of practice and using their resources, knowledge and experiences to further enhance student learning in a school environment.

**EDBT6610**
Classical Hebrew & Judaism Curriculum 3
Credit points: 6
Teacher/Coordinator: Neta Steigrad
Session: Semester 1
Classes: 1x 4-hr seminar/wk for 9 weeks
Prerequisites: EDBT5660
Assessment: weekly reflective responses 1600 wd (25%) 1 x lesson presentation (25%) 1 x integrated unit of work based on a text (Book of Esther, Ruth or Jonah) (50%)

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

**YEAR 5**
In the fifth year, candidates must complete 48 credit points of units of study, comprising: 24 credit points of Curriculum and Professional Studies units of study; and- 24 credit points of Senior (level 2000 or 3000) units of study, chosen from Arts Table A or B.

**Curriculum and Professional Studies Units**
Candidates must complete 24 credit points of units of study from one of the following options:

**Option 1**

**EDSE5001**
TESOL as a Third Teaching Area
Credit points: 12
Teacher/Coordinator: Dr Ken Cruickshank
Session: Semester 1
Classes: 2x 3-hr seminar/wk
Prerequisites: 144 credit points including 78 credit points of Education and 24 credit points of English, Linguistics or a Language other than English
Corequisites: EDSE5008 and EDSE5009
Assessment: 2x presentations (30%) and 1x observation report (20%) and 1x design of teaching materials (20%) and 1x take home exam (30%)

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

**EDSE5009**
TESOL Professional Experience
Credit points: 6
Teacher/Coordinator: Dr Di Bloomfield
Session: Semester 1
Classes: 15 days in-school experience
Prerequisites: 144 credit points including 78 credit points of Education and 24 Credit Points from English, Linguistics and/or a Language other than English
Corequisites: EDSE5001 and EDSE5008
Assessment: professional experience (100%)

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

**EDSE5008**
Internship
Credit points: 6
Teacher/Coordinator: Dr Di Bloomfield
Session: Semester 1
Classes: 30 days in-school experience
Prerequisites: 144 credit points including 78 of Education and (EDSE3055 or EDSE3073) and (EDSE4040 or EDSE4043)
Assessment: Satisfies requirements/Fail (100%)

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

**Option 2**
one Education Three Optional Unit and the following units:-

**EDGU2000**
Teaching English Internationally 1
Credit points: 6
Teacher/Coordinator: Dr Ken Cruickshank
Session: Semester 1
Classes: 2x 3hr seminar/wk
Prerequisites: 144 credit points including 78 credit points of Education and EDSE5008
Assessment: 1x take home exam (30%) and 1x seminar presentation (40%) and 1x reflective report (30%)

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

EDGU3000
Teaching English Internationally 2
Credit points: 6 Teacher/Coordinator: Dr Ken Cruickshank Session: Semester 1 Classes: 2x 3-hr seminar/wk Prerequisites: 144 credit points including 78 credit points of Education Corequisites: EDGU2000 and EDSE5008 Assessment: 1x seminar presentation (30%) and 1x take home exam (30%) and 1x unit of work (40%)

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

EDSE5008
Internship
Credit points: 6 Teacher/Coordinator: Dr Di Bloomfield Session: Semester 1 Classes: 30 days in-school experience Prerequisites: 144 credit points including 78 of Education and (EDSE3055 or EDSE3073) and (EDSE4040 or EDSE4043) Assessment: Satisfies requirements/Fail (100%)

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

Option 3
one Education Three Optional Unit and the following units:

EDSE5010
Meeting the Needs of Cultural Diversity
Credit points: 12 Teacher/Coordinator: Ms Kate Keeley Session: Semester 1 Classes: 1x 2-hr lecture/wk and 1x 4-hr seminar/wk Prerequisites: 144 credit points including 78 credit points of Education Corequisites: EDSE5008 Assessment: 1x 3-hr group project (25%) and 1x essay (25%) and 1x group project (25%) and 1x in-school project (14%)

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

EDSE5008
Internship
Credit points: 6 Teacher/Coordinator: Dr Di Bloomfield Session: Semester 1 Classes: 30 days in-school experience Prerequisites: 144 credit points including 78 of Education and (EDSE3055 or EDSE3073) and (EDSE4040 or EDSE4043) Assessment: Satisfies requirements/Fail (100%)

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

Honours Pathway
Candidates who are eligible for Honours must complete the 12 credit points of units of study listed below instead of EDUF4044 and one Education Three Optional unit from Year 4.

EDUF4005
Research Honours A
Credit points: 6 Teacher/Coordinator: Assoc Prof David Evans Session: Semester 1 Classes: 2x 1-hr lecture/wk and 1x 2-hr seminar/wk for weeks 1-7 Assessment: This unit is jointly assessed with EDUF4006. The assessment of these units will be: 5 online tasks (5x 3%) and 10 mins presentation (10%) and research proposal (25%) and 10000 word dissertation (50%)
Note: Department permission required for enrolment.

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

EDUF4006
Research Honours B
Credit points: 6 Teacher/Coordinator: Assoc Prof David Evans Session: Semester 2 Classes: 12 x 2 hr independent sessions with supervisor Prerequisites: EDUF4005 Assessment: This unit is jointly assessed with EDUF4005. The assessment of these units will be: 5 online tasks (5x 3%) and 10 mins presentation (10%) and research proposal (25%) and 10000 word dissertation (50%)
Note: Department permission required for enrolment.

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

EDUCATION THREE OPTIONAL UNITS
for Year 4 and Year 5

EDUF3023
Sport: Contemporary Educational Issues
Credit points: 6 Teacher/Coordinator: Dr Steve Georgakis Session: Semester 1 Classes: 1x 1-hr lecture/wk for 12 wks and 2-hr seminar/wk for 12 wks Prerequisites: 42 credit points Assessment: Seminar presentations (20%) and 1x 2500 wd work research project (40%) and 1x 2500 wd portfolio (40%)

This unit of study dissects the role played by youth sport and sport in Australian society from an historical and socio-cultural perspective. Youth sport in this unit encompasses school physical education, school sport, organised community sport as well as any organised youth physical activity. This unit endeavours to place greater emphasis on theories that have emerged regarding youth sport and sport issues. These include how youth sport and sport in general have been constructed over time and how each relates to themes such as class, gender, age, ethnicity, sexuality, social identity, policy, politics commercialism, nationalism, terrorism and racism. This unit will encourage students to critically analyse how sport is both constructed and is produced in the context of particular social values and beliefs. The unit is structured in a way to encourage the development of arguments and ideas through tutorial presentations, research projects and a portfolio which relate to these topic areas. This unit of study is designed to encourage student-based multi-disciplinary inquiry as laid out by the Education III design. It is designed also to encourage students to become informed citizens and life-long learners.
EDUF3028
Mentoring in Educational Contexts
Credit points: 6
Teacher/Coordinator: Dr Lesley Scanlon
Session: Semester 1
Classes: 1 x 1-hr lecture/wk and 2 x 2-hr tutorial/wk
Prerequisites: 42 credit points
Assessment: 1 x seminar presentation 2000 wds (30%) and 1 x reflective journal 4000 wds (70%) and participation in an approved mentor programme for at least 1 hour per week for 7 weeks

It is increasingly difficult for young people to survive in contemporary risk societies. Particularly problematic is their successful navigation of unfamiliar communities of practice manifest as organisational structures. Subsequently, mentoring has been widely adopted internationally to support young people acquire the organisation know-how essential to organisational survival. Specifically, within an educational context mentoring as theory and practice has assumed critical importance in introducing pre-service teachers to the professional practice of teaching. This unit of study examines mentoring in schools and universities and other organisational structures. Students use a range of sociological theories and constructs in order to develop a critical understanding of mentoring as professional practice.

EDUF3032
Curriculum and Evaluation
Credit points: 6
Teacher/Coordinator: Professor Murray Print
Session: Semester 2
Classes: 1 x 1-hr lecture/wk and 1 x 2-hr tutorial/wk
Prerequisites: 42 credit points
Assessment: 1 x analysis of curriculum document (20%) and 1 x seminar presentation (30%) and 1 x related paper on a curriculum phenomenon (40%) and 1 x on-line task (10%)

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

EDUF3035
Multicultural Learning and Teaching
Credit points: 6
Teacher/Coordinator: Dr Marianne Hulsbosch
Session: Semester 1
Classes: 2 hrs lectures/wk for 9 wks and 3 hrs field work/wk for 3 wks and 3 hrs seminar/wk for 3 wks
Prerequisites: 42 credit points
Assessment: 1 x reflective diary 2000 wds (50%) and 1 x essay 3000 wds (50%) and 1 x poster presentation 1000 wds (15%)

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

EDUF3034
Australian Theatre, Film and Learning
Credit points: 6
Teacher/Coordinator: Dr Michael Anderson; Dr Kelly Freebody
Session: Semester 1, Semester 2
Classes: 1 x 2-hr lecture/wk and 1 x 1-hr tutorial/wk for 9 weeks and 3 x field trips
Prerequisites: 42 credit points
Assessment: 1 x 1000 wds media review (20%) and 1 x 2500 wds film deconstruction (40%) and 1 x 2500 wds theatre essay (40%)

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

EDUF3026
Global Poverty and Education
Credit points: 6
Teacher/Coordinator: Dr Elizabeth Cusbert
Session: Semester 2
Classes: 1 x 1-hr lecture/wk and 1 x 2-hr tutorial/wk
Prerequisites: 42 credit points
Assessment: 1 x 1 hr exam (25%) and 1 x 2500 wds essay (30%) and 1 x 1250 wds workshop paper (25%) and 1 x 750 wds workshop paper (20%)

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

EDUF3027
International Education
Credit points: 6
Teacher/Coordinator: Dr Nigel Bagnall
Session: Semester 2
Classes: 1 x 1-hr lecture/wk and 1 x 2-hr workshop/wk
Prerequisites: 42 credit points
Assessment: 2 x 1000 wds workshop papers (20%) and 1 x workshop presentation (20%) and 1 x 1 hr take home exam (20%) and 1 x 2000 wds essay (40%)

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

EDUF3029
Psychology of Learning and Teaching
Credit points: 6
Teacher/Coordinator: Dr Paul Ginnis
Session: Semester 2
Classes: 2 x 1-hr lecture/wk and 1 x 1-hr tutorial/wk
Prerequisites: 42 credit points and EDUF2006
Assessment: 1 x 2-hr take home exam (30%) and 1 x 2000 wds essay (40%) and 1 x group essay (15%) and 1 x group presentation (15%)

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

**EDUF3030**

**Australian Secondary Schooling**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Helen Proctor  
**Session:** Semester 2  
**Classes:** 1x 1-hr lecture/wk and 1x 2hr seminar/wk for 10 wks  
**Prerequisites:** 42 credit points  
**Assessment:** 3x 700wd reading guides (30%) and 1x 2000wd essay (45%) and 1x 1hr exam (25%)  

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

**EDUF3036**

**Arts-Based Learning and Teaching**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Marianne Hulsbosch  
**Session:** Semester 2  
**Classes:** 2 hrs lectures/wk for 9 wks and 3 hrs field work/wk for 3 wks and 3 hrs seminar/wk for 3 wks  
**Prerequisites:** 42 credit points  
**Assessment:** 1x critical reflective diary 2000wds (35%) and 1x essay 3000wds (50%) and 1x poster presentation 1000wds (15%)  

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

Candidates must complete 240 credit points of units of study comprising:

### YEAR 1
In the first year, candidates must complete 48 credit points of units of study, comprising:
- 12 credit points of Education One units of study;
- 12 credit points of Junior units in a first teaching area (the Major sequence), chosen from Arts Table A;
- 12 credit points of Junior units of study in a second teaching area, chosen from Arts Tables A or B; and
- 12 credit points of Junior (level 1000) units of study, chosen from Arts Table A.

#### Education One Units

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Credit Points</th>
<th>Prerequisites</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUF1018 Education, Teachers and Teaching</td>
<td>6</td>
<td>N EDUF1011</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUF1019 Human Development and Education</td>
<td>6</td>
<td>N EDUF1012</td>
<td>Semester 2</td>
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</table>

### YEAR 2
In the second year, candidates must complete 48 credit points of units of study, comprising:
- 12 credit points of Education Two units of study;
- 12 credit points of Curriculum and Professional Studies units of study;
- 12 credit points of Senior (level 2000 or 3000) units of study in the first teaching area (the Major sequence), chosen from Arts Table A; and
- 12 credit points of Intermediate or Senior (level 2000 or 3000) units of study in the second teaching area, chosen from Arts Tables A or B.

#### Education Two Units

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Credit Points</th>
<th>Prerequisites</th>
<th>Session</th>
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<tbody>
<tr>
<td>EDUF2006 Educational Psychology</td>
<td>6</td>
<td>P (EDUF1018 and EDUF1019) or 30 junior credit points</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUF2007 Social Perspectives on Education</td>
<td>6</td>
<td>P (EDUF1018 and EDUF1019) or 30 junior credit points</td>
<td>Semester 2</td>
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#### Curriculum and Professional Studies Units

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Credit Points</th>
<th>Prerequisites</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSE2001 Craft Knowledge and Prof Practices 1</td>
<td>6</td>
<td>P 48 credit points including 12 credit points of Education</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE2002 Indigenous Education: Secondary Schools</td>
<td>6</td>
<td>P 42 cpts including EDUF1018 and EDUF1019 and EDSE2001</td>
<td>Semester 2</td>
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</table>

### YEAR 3
In the third year, candidates must complete 48 credit points of units of study, comprising:
- 36 credit points of Curriculum and Professional Studies units of study including 24 credit points of teaching area units; and
- 12 credit points of Senior (level 2000 or 3000) units of study in the first teaching area (the Major sequence), chosen from Arts Table A.

#### Curriculum and Professional Studies Units

<table>
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<th>Unit Code</th>
<th>Credit Points</th>
<th>Prerequisites</th>
<th>Session</th>
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<td>EDSE3072 Craft Knowledge and Prof Practices 2</td>
<td>4</td>
<td>P 72 credit points including 24 credit points of Education, EDSE2001 and two of the following: EDSE3037, EDSE3038, EDSE3043, EDSE3041, EDSE3042, EDSE3043, EDSE3044, EDSE3045, EDSE3046, EDSE3047, EDSE3048, EDSE3049, EDSE3050, EDSE3051, EDBT5610.</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDSE3073 Professional Experience A</td>
<td>2</td>
<td>P 72 credit points including 24 credit points of Education, EDSE2001 and two of the following: EDSE3037, EDSE3038, EDSE3040, EDSE3041, EDSE3042, EDSE3043, EDSE3044, EDSE3045, EDSE3046, EDSE3047, EDSE3048, EDSE3049, EDSE3050, EDSE3051, EDBT5610</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUF3031 Positive Approaches to Special Education</td>
<td>6</td>
<td>P 42 credit points</td>
<td>Semester 1</td>
</tr>
</tbody>
</table>

#### Teaching Area Units

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Credit Points</th>
<th>Prerequisites</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSE3076 Teaching Commerce/Business Studies 1</td>
<td>6</td>
<td>P 54 credit points including 24 credit points of Education and EDSE2001 and 12 intermediate/senior credit points of Political Economy and/or Economics and/or Work and Organisational Studies and 6 credit points of Accounting</td>
<td>Semester 1b</td>
</tr>
<tr>
<td>EDSE3077 Teaching Commerce/Business Studies 2</td>
<td>6</td>
<td>P EDSE3076 and (12 intermediate credit points from ECOP or ECOS or WORK) and 6 credit points of Accounting</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDSE3085 Teaching Commerce/Economics 1</td>
<td>6</td>
<td>P 54 credit points including 24 credit points of Education and EDSE2001 and 12 Intermediate credit points of Economics or Political Economy</td>
<td>Semester 1b</td>
</tr>
<tr>
<td>EDSE3067 Teaching Commerce/Economics 2</td>
<td>6</td>
<td>P EDSE3050 and 12 intermediate credit points of economics or political economy</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDSE3042 Teaching Drama 1</td>
<td>6</td>
<td>P 48 credit pts including 24 credit pts of Education and EDSE2001 and 12 Senior credit pts of Performance Studies</td>
<td>Semester 1b</td>
</tr>
<tr>
<td>EDSE3060 Teaching Drama 2</td>
<td>6</td>
<td>P EDSE3042 plus 12 senior credit points of Performance Studies</td>
<td>Semester 2</td>
</tr>
</tbody>
</table>
Bachelor of Education (Secondary: Humanities and Social Science) and Bachelor of Arts

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSE3044 Teaching English 1</td>
<td>6</td>
<td></td>
<td></td>
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<td>Semester 1b</td>
</tr>
<tr>
<td>EDSE3045 Teaching Mathematics 1A</td>
<td>6</td>
<td></td>
<td></td>
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<td></td>
<td>Semester 1b</td>
</tr>
<tr>
<td>EDSE3056 Teaching Languages 2A</td>
<td>6</td>
<td></td>
<td></td>
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<td>Semester 2</td>
</tr>
<tr>
<td>EDSE3061 Teaching TESOL 1</td>
<td>6</td>
<td></td>
<td></td>
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<td></td>
<td>Semester 1b</td>
</tr>
<tr>
<td>EDSE3062 Teaching Visual Arts 1A</td>
<td>6</td>
<td></td>
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<td></td>
<td>Semester 1b</td>
</tr>
<tr>
<td>EDSE3071 Teaching Visual Arts 2B</td>
<td>6</td>
<td></td>
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<td>Semester 2</td>
</tr>
<tr>
<td>EDSE3072 Teaching History 1 B</td>
<td>6</td>
<td></td>
<td></td>
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<td></td>
<td>Semester 1b</td>
</tr>
<tr>
<td>EDBT5610 Classical Hebrew &amp; Judaism Curriculum 1</td>
<td>6</td>
<td></td>
<td></td>
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<td>Semester 2</td>
</tr>
<tr>
<td>EDBT5610 Classical Hebrew &amp; Judaism Curriculum 2</td>
<td>6</td>
<td></td>
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<td>Semester 2</td>
</tr>
</tbody>
</table>

YEAR 4

In the fourth year, candidates must complete 48 credit points of units of study, comprising:
- 30 credit points of Curriculum and Professional Studies units of study including 12 credit points of teaching area units; and
- 12 credit points of Senior (level 2000 or 3000) units of study in the first teaching area (the Major sequence), chosen from Arts Table A;
- 6 credit points of Education Three Optional units of study.

Curriculum and Professional Studies Units

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSE4043 Professional Experience B</td>
<td>2</td>
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<td>Semester 1</td>
</tr>
<tr>
<td>EDSE4044 Information Technology in Schools</td>
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<tr>
<td>EDUF4044 Reading and Designing Research</td>
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<td>Semester 1</td>
</tr>
<tr>
<td>Unit of study</td>
<td>Credit points</td>
<td>A: Assumed knowledge</td>
<td>P: Prerequisites</td>
<td>C: Corequisites</td>
<td>N: Prohibition</td>
<td>Session</td>
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</tr>
<tr>
<td><strong>Teaching Area Units</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE4045 Teaching Commerce/Business Studies 3</td>
<td>6</td>
<td></td>
<td>P EDSE3076 and EDSE3077</td>
<td></td>
<td></td>
<td>Semester 1b</td>
</tr>
<tr>
<td>EDSE4033 Teaching Commerce/Economics 3</td>
<td>6</td>
<td></td>
<td>P EDSE3060 and EDSE3067</td>
<td>C EDSE4042, EDSE4043</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE4025 Teaching Drama 3</td>
<td>6</td>
<td></td>
<td>P EDSE3042 and EDSE3060 plus 12 credit pts of Performance Studies</td>
<td>C EDSE4042, EDSE4043</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE4027 Teaching English 3</td>
<td>6</td>
<td></td>
<td>P EDSE3044 and EDSE3062</td>
<td>C EDSE4042, EDSE4043 and EDSE4044</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE4024 Teaching Geography 3</td>
<td>6</td>
<td></td>
<td>P EDSE3041 &amp; EDSE3059</td>
<td>C EDSE4042, EDSE4043</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE4023 Teaching History 3</td>
<td>6</td>
<td></td>
<td>P EDSE3040 and EDSE3058</td>
<td>C EDSE4042 and EDSE4043</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE4030 Teaching Languages 3A</td>
<td>6</td>
<td></td>
<td>P EDSE3047 and EDSE3065</td>
<td>C EDSE4042 and EDSE4043</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE4031 Teaching Languages 3B</td>
<td>6</td>
<td></td>
<td>P EDSE3047, EDSE3048, EDSE3065 and EDSE3071</td>
<td>C EDSE4030, EDSE4042 and EDSE4043</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE4028 Teaching Mathematics 3A</td>
<td>6</td>
<td></td>
<td>P EDSE3045 and EDSE3063</td>
<td>C EDSE4042 and EDSE4043</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE4026 Teaching TESOL 3</td>
<td>6</td>
<td></td>
<td>P EDSE3043 and EDSE3061</td>
<td>C EDSE4042 and EDSE4043 and EDSE4044</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE4021 Teaching Visual Arts 3A</td>
<td>6</td>
<td></td>
<td>P EDSE3037 and EDSE3056</td>
<td>C EDSE4042, EDSE4043</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE4022 Teaching Visual Arts 3B</td>
<td>6</td>
<td></td>
<td>P EDSE3037 and EDSE3038 and EDSE3056 and EDSE3057</td>
<td>C EDSE4021 and EDSE4042 and EDSE4043</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDBT6110 Classical Hebrew &amp; Judaism Curriculum 3</td>
<td>6</td>
<td></td>
<td>P EDBT5660</td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
</tbody>
</table>

**YEAR 5**

In the fifth year, candidates must complete 48 credit points of units of study, comprising:
- 24 credit points of Curriculum and Professional Studies units of study; and
- 24 credit points of Senior (level 2000 or 3000) units of study, chosen from Arts Table A or B.

**Curriculum and Professional Studies Units**

Candidates must complete 24 credit points of units of study from one of the following options;

**Option 1**

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSE5001 TESOL as a Third Teaching Area</td>
<td>12</td>
<td></td>
<td>P 144 credit points including 78 credit points of Education and 24 credit points of English, Linguistics or a Language other than English</td>
<td>C EDSE5008 and EDSE5009</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE5009 TESOL Professional Experience</td>
<td>6</td>
<td></td>
<td>P 144 credit points including 78 credit points of Education and 24 Credit Points from English, Linguistics and/or a Language other than English</td>
<td>C EDSE5001 and EDSE5008</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE5008 Internship</td>
<td>6</td>
<td></td>
<td>P 144 credit points including 78 of Education and (EDSE3055 or EDSE3073) and (EDSE4040)</td>
<td>C EDSE4042 and EDSE4043</td>
<td></td>
<td>Semester 1</td>
</tr>
</tbody>
</table>

**Option 2**

one Education Three Optional Unit and the following units:

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDGU2000 Teaching English Internationally 1</td>
<td>6</td>
<td></td>
<td>P 144 credit points including 78 credit points of Education</td>
<td>C EDSE5008</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDGU3000 Teaching English Internationally 2</td>
<td>6</td>
<td></td>
<td>P 144 credit points including 78 credit points of Education</td>
<td>C EDGU2000 and EDSE5008</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE5008 Internship</td>
<td>6</td>
<td></td>
<td>P 144 credit points including 78 of Education and (EDSE3055 or EDSE3073) and (EDSE4040)</td>
<td>C EDSE4042 and EDSE4043</td>
<td></td>
<td>Semester 1</td>
</tr>
</tbody>
</table>

**Option 3**

one Education Three Optional Unit and the following units:

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSE5010 Meeting the Needs of Cultural Diversity</td>
<td>12</td>
<td></td>
<td>P 144 credit points including 78 credit points of Education</td>
<td>C EDSE5008</td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE5008 Internship</td>
<td>6</td>
<td></td>
<td>P 144 credit points including 78 of Education and (EDSE3055 or EDSE3073) and (EDSE4040)</td>
<td>C EDSE4042 and EDSE4043</td>
<td></td>
<td>Semester 1</td>
</tr>
</tbody>
</table>

**Honours Pathway**

Candidates who are eligible for Honours must complete the 12 credit points of units of study listed below instead of EDUF4044 and one Education Three Optional unit from Year 4.

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUF4005 Research Honours A</td>
<td>6</td>
<td></td>
<td>Note: Department permission required for enrolment</td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>Unit of study</td>
<td>Credit points</td>
<td>A: Assumed knowledge</td>
<td>P: Prerequisites</td>
<td>C: Corequisites</td>
<td>N: Prohibition</td>
<td>Session</td>
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<tr>
<td>EDUF4006 Research Honours B</td>
<td>6</td>
<td>P EDUF4005</td>
<td>Note: Department permission required for enrolment</td>
<td></td>
<td>Semester 2</td>
<td></td>
</tr>
<tr>
<td><strong>EDUCATION THREE OPTIONAL UNITS</strong></td>
<td></td>
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</tr>
<tr>
<td>for Year 4 and Year 5</td>
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</tr>
<tr>
<td>EDUF3023 Sport: Contemporary Educational Issues</td>
<td>6</td>
<td>P 42 credit points</td>
<td></td>
<td></td>
<td>Semester 1</td>
<td></td>
</tr>
<tr>
<td>EDUF3028 Mentoring in Educational Contexts</td>
<td>6</td>
<td>P 42 credit points</td>
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<td>Semester 1</td>
<td></td>
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<tr>
<td>EDUF3032 Curriculum and Evaluation</td>
<td>6</td>
<td>P 42 credit points</td>
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<td>Semester 1</td>
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<tr>
<td>EDUF3035 Multicultural Learning and Teaching</td>
<td>6</td>
<td>P 42 credit points</td>
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<td>Semester 1</td>
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<tr>
<td>EDUF3034 Australian Theatre, Film and Learning</td>
<td>6</td>
<td>P 42 credit points</td>
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<td>Semester 1</td>
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<tr>
<td>EDUF3026 Global Poverty and Education</td>
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<td>P 42 credit points.</td>
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<td>Semester 2</td>
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<tr>
<td>EDUF3027 International Education</td>
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<td>Semester 2</td>
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<tr>
<td>EDUF3029 Psychology of Learning and Teaching</td>
<td>6</td>
<td>P 42 credit points and EDUF2006</td>
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<td>Semester 2</td>
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<tr>
<td>EDUF3030 Australian Secondary Schooling</td>
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<td>P 42 credit points</td>
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<tr>
<td>EDUF3036 Arts-Based Learning and Teaching</td>
<td>6</td>
<td>P 42 credit points</td>
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<td>Semester 2</td>
<td></td>
</tr>
</tbody>
</table>
Bachelor of Education (Secondary: Science) and Bachelor of Science

Candidates must complete 240 credit points of units of study comprising:

YEAR 1

In the first year, candidates must complete 48 credit points of units of study, comprising: - 12 credit points of Education One units of study; 12 credit points of Junior units of study in Mathematics, chosen from Science Table 1; - 12 credit points of Junior (level 1000) units of study in a first teaching area, chosen from Science Table 1; and 12 credit points of Junior (level 1000) units of study in a second teaching area, chosen from Science Table 1. Candidates must include in the above requirements 12 credit points of units of study from either Physics or Chemistry.

Education One Units

EDUF1018 Education, Teachers and Teaching
Credit points: 6 Teacher/Coordinator: Dr Paul Ginnis. Session: Semester 1 Classes: 2x 1-hr lecture/wk and 1x 1-hr tutorial/wk commencing week 2 and 1x 1-hr mentoring seminar commencing week 2. Prohibitions: EDUF1011 Assessment: 1x 1.5hr exam (40%) and 2x 1000wd essays (2x20%) and 1x seminar presentation (20%) This unit of study is the first part of Education I and provides a general introduction to education and teaching. The unit integrates the following themes: knowledge, culture and the curriculum; teaching as a process and way of life; and, teachers as life-long learners and researchers. Within this unit, students are also mentored by more experienced students during their first semester transition to the university. At the conclusion of the unit students should have developed and demonstrated an understanding of the complex character of teachers' work.

EDUF1019 Human Development and Education
Credit points: 6 Teacher/Coordinator: Dr Minkang Kim. Session: Semester 2 Classes: 2x 1-hr lecture/wk for 10 wks and 1x 1-hr tutorial/wk for 10 wks and 1x 1-hr ICT workshop for 10 wks. Prohibitions: EDUF1012 Assessment: 1x 1hr seminar presentation (30%) and 1x 2000wd essay (30%) and 1x 2hr exam (30%) and 1x ICT task (10%) This unit, which is the second part of Education 1 introduces students to the study of human development, with a particular emphasis on the development of early childhood through to adolescence. The unit addresses one of the major goals of Education I, II and III; the learning of a body of knowledge on 'human development (child and adolescent in particular)'. It is premised on the view that teaching from a developmental perspective inevitably transforms teachers into problem solvers who adapt and modify their teaching and learning approaches, based on knowledge of factors that promote each child's optimal development. A core assumption of the unit is that the study of human development is cross-disciplinary; involving in particular psychology, philosophy of science and neurobiology, and that existing developmental theories are open to question and continuing debate. Students are therefore encouraged to engage in this study with critical and creative minds. The unit focuses on the processes and products of human development, related to cognitive emotional, social, moral, motor, and language development. The classical theories will be considered in some detail and examined in the light of contemporary theory and research, drawing in particular on the Dynamic Systems Approach and the neurobiology of the brain. The unit will also consider the impact of history, culture, and social context, and how current skills and interests and prior achievements affect learning and development. In addition, Introduction to Computers in Education, a component of this unit of study in terms of assessment but administratively separate, attempts to impart upon students a beginning knowledge of computers and information technology such that beginning teachers can properly function as educational professionals.

YEAR 2

In the second year, candidates must complete 48 credit points of units of study, comprising: - 12 credit points of Education Two units of study; - 12 credit points of Curriculum and Professional Studies units of study; - 12 credit points of Intermediate (level 2000) units of study in the first teaching area (the Major sequence), chosen from Science Table 1; - 12 credit points of Intermediate (level 2000) units of study in the second teaching area, chosen from Science Table 1.

Education Two Units

EDUF2006 Educational Psychology
Credit points: 6 Teacher/Coordinator: Dr Richard Walker. Session: Semester 1 Classes: 1x 2-hr lecture/wk and 1x 1-hr tutorial/wk. Prerequisites: (EDUF1018 and EDUF1019) or 30 junior credit points. Assessment: 1x tutorial presentations (oral & written) (30%) and 1x 2000 wd essay (40%) and 1x 2hr exam (30%) This unit of study is the first part of Education II. Its aim is to provide a general introduction to educational psychology. The important issues of the unit include constructivist and other approaches to learning, critical thinking skills, problem solving, technologically supported learning and motivation. This unit plays an important role in supporting later teaching and curriculum studies in the Bachelor of Education degree. At the end of this unit of study, students will have made substantial progress towards understanding the utility of research in psychology for educators. They will have the capacity to describe learning and teaching activities in terms of their psychological efficacy, especially as it relates to young people. Similarly they will have been introduced to the theory and practice of assessment and evaluation in educational settings, and the impact of assessment on learning and motivation. They will have had training in two Department of Education and Training policies, Good Discipline and Effective Learning, and Student Welfare.

EDUF2007 Social Perspectives on Education
Credit points: 6 Teacher/Coordinator: Assoc Prof Debra Hayes. Session: Semester 2 Classes: 1x 1hr lecture/wk and 1x 2-hr workshop/wk. Prerequisites: (EDUF1018 and EDUF1019) or 30 junior credit points. Assessment: workshop presentations (15%) and 1x 1000 wd literature review (15%) and 1x 4000 wd joint research project (35%) and 1x exam 1.5hrs (25%) and 1x oral presentation (15%) This unit of study is the second part of Education II. Its aim is to provide a general introduction to the social, political and economic contexts of education. The two themes studied in the Unit are: Schools and communities, and Educational systems, markets and globalisation. At the end of this unit of study, students should have the capacity to discuss the impact of a range of educational practices and policies on communities of students and families. Similarly, students will be familiar with broad movements in contemporary educational reform and their association with national and global economic change. As a result of working collaboratively on a substantial project students
will develop a range of research skills. Training is provided in the following Department of Education and Training policies and procedures: Aboriginal Education, Anti-Racism and Gender Equity.

Curriculum and Professional Studies Units

EDSE2001
Craft Knowledge and Prof Practices 1
Credit points: 8  Teacher/Coordinator: Dr Kelly Freebody  Session: Semester 1 Classes: 1x 1-hr lecture/wk and 1x 2-hr seminar/wk for 11 wks and 1 workshop Prerequisites: 48 credit points including 12 credit points of Education Assessment: 2 x assessment tasks including a practicum portfolio (60%) and 1 x teaching practice (40%)

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

EDSE2002
Indigenous Education: Secondary Schools
Credit points: 6  Teacher/Coordinator: Cathie Burgess  Session: Semester 2 Classes: 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk for 12 wks Prerequisites: 42 cpts including EDUF1018 and EDUF1019 and EDSE2001 Assessment: 1x tutorial presentation (30%) and 1 x resource evaluation (30%) and 1 x 2500 wd essay (40%)

This unit of study is a compulsory unit within the combined degrees program. It prepares students to become effective teachers of Indigenous students and develops an understanding of the current social, political and economic challenges faced by Indigenous peoples and communities. Examining Australia's history from Indigenous Australian perspectives will provide foundation to address issues impacting on the educational outcomes of Indigenous students. An exploration of the diversity of Indigenous cultures will equip students with a knowledge of culturally appropriate teaching and learning strategies to meet the educational needs of Indigenous students. The unit also provides an overview of Aboriginal educational policies and priorities which impact on all students in NSW schools and firmly emphasises the importance of ongoing consultation and engagement with Indigenous communities and key stakeholders. Through studying this unit, students will continue to construct their own identity as a teacher and acquire the knowledge and skills to create inclusive classrooms.

YEAR 3

In the third year, candidates must complete 48 credit points of units of study, comprising: 36 credit points of Curriculum and Professional Studies units of study including 24 credit points of Teaching Area units; and 12 credit points of Senior (level 3000) units of study in the first teaching area (the Major sequence), chosen from Science Table 1.

Curriculum and Professional Studies Units

EDSE3072
Craft Knowledge and Prof Practices 2
Credit points: 4  Teacher/Coordinator: Dr Dorothy Bottrell  Session: Semester 2 Classes: 2x 1-hr lecture/wk and 1x 2-hr seminar/wk and 1x 1-hr tutorial/wk for 5 wks Prerequisites: 72 credit points including 24 credit points of Education, EDSE2001 and two of the following: EDSE3037, EDSE3038, EDSE3040, EDSE3041, EDSE3042, EDSE3043, EDSE3044, EDSE3045, EDSE3046, EDSE3047, EDSE3048, EDSE3049, EDSE3050, EDSE3051, EDBT5610 Assessment: 1x 1000wd presentation (30%) and 1x 1500wd lesson analysis (40%) and 1x 1500wd report (30%)

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

EDSE3073
Professional Experience A
Credit points: 2  Teacher/Coordinator: Dr Di Bloomfield  Session: Semester 2 Classes: 20 days of Professional Experience Prerequisites: 72 credit points including 24 credit points of Education, EDSE2001 and two of the following: EDSE3037, EDSE3038, EDSE3040, EDSE3041, EDSE3042, EDSE3043, EDSE3044, EDSE3045, EDSE3046, EDSE3047, EDSE3048, EDSE3049, EDSE3050, EDSE3051, EDBT5610 Assessment: Satisfies Requirements/Fail (100%)

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

EDUF3031
Positive Approaches to Special Education
Credit points: 6  Teacher/Coordinator: Dr Ilektra Spandagou  Session: Semester 1, Semester 2 Classes: 1x 1-hr lecture/wk for 12 wks and 1x 2-hr workshop for 6 wks and 20 hrs fieldwork placement Prerequisites: 42 credit points Assessment: 1x fieldwork report equiv 4000 wds (40%) and 1x tutorial presentation equiv 650 wds (15%) and 3 position statements equiv 1350 wds (3x15%)

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

Teaching Area Units

EDSE3051
Teaching Science 1 (Core)
Credit points: 6  Teacher/Coordinator: Dr Louise Sutherland  Session: Semester 1b Classes: 1x 1-hr lecture/wk and 4hrs/wk workshop/seminars Prerequisites: 54 credit points including 24 credit points of Education and EDSE2001 and 12 intermediate credit points in one Science Area (either Chemistry, Biology, Geology or Physics) + 6 credit points in 2nd Science area either Chemistry, Physics, Biology or Geology. Assessment: 1x concept map of topic (10%) and 1x peer teaching (20%) and 1x lesson plan and resource (30%) and 1x portfolio (40%)

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

EDSE3068
Teaching Science 2 (Core)
Credit points: 6  Teacher/Coordinator: Dr Louise Sutherland  Session: Semester 2 Classes: 4hrs workshop-seminar/wk Prerequisites: EDSE3051 and 12 intermediate credit points of science Assessment: 1x unit plan proposal (10%) and 1x seminar presentation (20%) and 1x unit plan stage 5 (40%) and 1x portfolio (30%)
This unit of study builds upon the work done in the prerequisite course Teaching Science 1 (Core). The unit is designed to develop students’ understandings of: i. the nature of science teaching and children’s learning of science, in the context of contemporary research and classroom practices, ii. the planning of science teaching and learning activities, in individual lessons and units of work, iii. the interpretation and implementation of syllabus aims, objectives, outcomes and content guidelines as well as school and system policies and regulations, iv. the integration of individual science disciplines within a multidisciplinary science curriculum.

**EDSE4035 Teaching Science 1 (Extension)**

Credit points: 6  
Teacher/Coordinator: Dr Louise Sutherland  
Session: Semester 1, Semester 2  
Teacher/Coordinator: Dr Louise Sutherland  
Prerequisites: 54 credit points including 24 credit points of Education and EDSE2001 and 12 intermediate credit points in one science area (either chemistry, biology, geology or physics) and 6 credit points in a second science area (either chemistry, biology, geology or physics)  
Corequisites: EDSE3051  
Assessment: 1x concept map of topic focusing on changes in scientific ideas (10%) and 1x essay on major changes in the development of ideas (30%) and 1x peer teaching (30%) and 1x resources to support teaching of the unit (30%)  
Note: Department permission required for enrolment.

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

**EDSE4034 Teaching Science 2 (Extension)**

Credit points: 6  
Teacher/Coordinator: Dr Louise Sutherland  
Session: Semester 1, Semester 2  
Teacher/Coordinator: Dr Louise Sutherland  
Prerequisites: EDSE3051  
Assessment: 1x proposal (10%) and 1x seminar presentation (30%) and 1x essay (60%)

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 cross-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.

**EDSE3045 Teaching Mathematics 1A**

Credit points: 6  
Teacher/Coordinator: Assoc Prof Judy Anderson  
Prerequisites: 54 credit points including 24 credit points of Education and EDSE2001 and 12 credit points of Intermediate Mathematics  
Assessment: 1x 2000wd group report (40%) and 1x 4000wd presentation and individual written reflection (60%)

The aim of this unit of study is to introduce issues associated with the teaching and learning of mathematics from Kindergarten to Year 12 to student teachers undertaking both double and single mathematics methods. The continuum of learning for K to 10 will be explored as it outlines the developmental nature of learning mathematics, building concepts across the transitional stages of schooling, and considering strategies to address the learning needs of the full range of students in the mathematics classroom. The importance of building upon learning in the primary school years will be a key focus in this first mathematics methods unit of study. Particular issues in the teaching and learning of mathematics will be addressed through the investigation of scenarios related to school contexts. To reflect the collaborative nature of working in a team of teachers in schools, student teachers will form small learning teams to explore scenarios, related to high school settings. In these teams, student teachers will be required to collaboratively investigate the issues raised in the scenarios and plan sequential learning experiences appropriate for high school students.

**EDSE3063 Teaching Mathematics 2A**

Credit points: 6  
Teacher/Coordinator: Assoc Prof Judy Anderson  
Prerequisites: EDSE3045 plus 12 credit points of Intermediate mathematics or statistics  
Assessment: 1x 2500wd assignment (40%) and 1x 3500wd assignment (60%)

This is the second unit of study for both single and double mathematics method student teachers. The focus of this unit of study is a detailed examination of the school mathematics curriculum to develop student teachers’ knowledge and understanding of the mathematics curriculum requirements and appropriate pedagogy. The rationale, aim, content, course requirements and key terms from the curriculum will be examined and used to plan, program and develop lesson plans for key mathematics concepts. Building on their understandings from Mathematics Curriculum 1, student teachers will examine the content strands of the mathematics curriculum to develop appropriate models of pedagogy for teaching and assessment. Common student misconceptions will form the basis of planning and programming so that student teachers are prepared to meet the needs of the full range of students. Additional strategies for differentiating the curriculum and embedding technology into lessons will be explored. A range of technologies will be examined in this unit including interactive whiteboards, computer software packages and graphics calculators. Strategies for assessing mathematics knowledge, skills and understanding will be considered with student teachers developing skills in designing assessment tasks. Assessment for learning and assessment of learning will be discussed with rich tasks developed for both purposes.

**EDSE3041 Teaching Geography 1**

Credit points: 6  
Teacher/Coordinator: Ms Kate Keeley  
Prerequisites: EDSE3051 plus 12 Intermediate credit points of Geography  
Assessment: 1x lesson plan task (30%) and 1x teaching and learning folder (30%) and 1x eLearning task (40%)

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

**EDSE3059 Teaching Geography 2**

Credit points: 6  
Teacher/Coordinator: Ms Kate Keeley  
Prerequisites: EDSE3041 plus 12 Intermediate credit points of geography  
Assessment: 1x group/excursion task (30%) and 1x eLearning task (40%) and 1x literacy task (30%)

This unit of study will build on the study of years 7-10 Geography syllabus with an emphasis on Stage 5. This unit of study provides opportunities for students to achieve outcomes in understanding the curriculum design of Geography education in Stage 5. The unit enhances designing and delivering a range of teaching strategies, evaluating and developing teaching resources and assessing students’ achievement in Geography. A particular focus will be placed on the use of Geography tools and skills in teaching Years 7-10 Geography. Students will also learn to design and implement an excursion for Years 7-10. Further emphasis throughout will be placed on literacy, civics and citizenship education and ICT.
YEAR 4

In the fourth year, candidates must complete 48 credit points of units of study, comprising:- 30 credit points of Curriculum and Professional Studies units of study including 12 credit points of Teaching Area units; and- 12 credit points of Senior (level 3000) units of study in the first teaching area (the Major sequence), chosen from Science Table 1.- 6 credit points of Education Three Optional units of study;

Curriculum and Professional Studies Units

EDUF4042
Craft Knowledge and Prof Practices 3
Credit points: 6 Teacher/Coordinator: Dr Kelly Freebody Session: Semester 1 Classes: 2x 1-hr lecture/wk and 1x 2-hr seminar/wk and 1x 1-hr tutorial/wk for 7 weeks Prerequisites: 108 credit points including 30 credit points of Education, EDSE3073, EDSE3001, EDSE3072 and two of the following EDSE3056, EDSE3057, EDSE3058, EDSE3059, EDSE3060, EDSE3061, EDSE3062, EDSE3063, EDSE3064, EDSE3065, EDSE3071, EDSE3067, EDSE3068, EDBT5660 Assessment: 2x assignment tasks including a tutorial presentation (50%) and 1x report (50%)

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

EDSE4043
Professional Experience B
Credit points: 2 Teacher/Coordinator: Dr Di Bloomfield Session: Semester 1 Classes: 25 days Professional Experience Prerequisites: 108 credit points including 30 credit points of Education. EDSE2001, EDSE3072, EDSE3073 and two of the following: EDSE3056, EDSE3057, EDSE3058, EDSE3059, EDSE3060, EDSE3061, EDSE3062, EDSE3063, EDSE3064, EDSE3065, EDSE3071, EDSE3067, EDSE3068, EDBT5660 Corequisites: EDSE4042 Assessment: Satisfies Requirements/Fails (100%)

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

EDSE4044
Information Technology in Schools
Credit points: 4 Teacher/Coordinator: Dr Chun Hu Session: Semester 2 Classes: 1x 2hr workshop/wk for 10 wks Prerequisites: 108 credit points including 30 credit points of Education. EDSE2001, EDSE3072 and two of EDSE4021, EDSE4022, EDSE4023, EDSE4024, EDSE4025, EDSE4026, EDSE4027, EDSE4028, EDSE4029, EDSE4030, EDSE4031, EDSE4032, EDSE4033, EDSE4034, EDSE4035, EDSE4041 and EDBT6610 Corequisites: EDSE4042, EDSE4043 Prohibitions: EDSE4038 Assessment: 1x ICT project one (20%) and 1x project two (80%)

The unit of study builds on student’s knowledge and skills gained from their previous information and communication technologies (ICT) related units of study, and curriculum subject areas. The unit of study focuses on multimedia learning theory and learning from and with multimedia/hypermedia. Students will be provided with an overview of the principles of designing multimedia/hypermedia resources to enhance the teaching/learning process. By immersing ICT tools as part of assignments and activities, the unit of study will provide students with hands-on experiences of designing/developing learning resources relevant to their curriculum subjects.

EDUF4044
Reading and Designing Research
Credit points: 6 Teacher/Coordinator: Associate Professor Debra Hayes, Dr Lina Markauskaitė, Dr George Odihambo Session: Semester 1, Semester 2 Classes: 2x 1-hr lecture/wk and 1x 2-hr workshop/wk and 1x 1-hr online activities/wk for 7 weeks Prerequisites: 120 credit points including EDUF2006 and EDUF2007 Assessment: 1x literature review online (20%) and 1x literature review written (20%) and 1x poster (20%) and 1x presentation (10%) and 1x research proposal (30%)

This unit of study is designed to introduce you to the field of research in education. You will develop an appreciation of the broad range of research topics in education and their associated forms of systematic inquiry. The unit will prepare you to read and interpret research, and to conduct small scale investigations in a range of contexts such as classrooms or schools, or within another setting in which learning opportunities are afforded. These settings might include online communication, outdoor education, excursions, coaching, tutoring, and informal learning associated with home and community contexts. The kinds of research questions considered might include pedagogy, curriculum, policy, and organizational issues, and might consider the perspectives of students, teachers, parents, policymakers and/or the broader community. In preparing an individual research proposal, you will draw upon the research literature to develop your topic and to select a form of inquiry that is suited to it.

Teaching Area Units

EDSE4035
Teaching Science 1 (Extension)
Credit points: 6 Teacher/Coordinator: Dr Louise Sutherland Session: Semester 1, Semester 2 Classes: 4hrs workshop-seminar/wk Prerequisites: 54 credit points including 24 credit points of Education and EDSE2001 and 12 intermediate credit points in one science area (either chemistry, biology, geology or physics) and 6 credit points in a second science area (either chemistry, biology, geology or physics) Corequisites: EDSE3051 Assessment: 1x concept map of topic focusing on changes in scientific ideas (10%) and 1x essay on major changes in the development of ideas (30%) and 1x peer teaching (30%) and 1x resources to support teaching of the unit (30%)

Note: Department permission required for enrolment.

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

EDSE4034
Teaching Science 2 (Extension)
Credit points: 6 Teacher/Coordinator: Dr Louise Sutherland Session: Semester 1, Semester 2 Classes: 4hrs workshop-seminar/wk Prerequisites: EDSE3051 Assessment: 1x proposal (10%) and 1x seminar presentation (30%) and 1x essay (60%)

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.

EDSE4028
Teaching Mathematics 3A
Credit points: 6 Teacher/Coordinator: Assoc Prof Judy Anderson Session: Semester 1, Semester 2 Classes: 2x 2-hr seminar/wk for 9 wks Prerequisites: EDSE3045 and EDSE3063 Corequisites: EDSE4042, EDSE4043 Assessment: 1x 3000wd resource portfolio (50%) and 1x 3000wd assignment (50%)

This is the third unit of study for both single and double mathematics method student teachers. The focus of this unit of study is a detailed examination of the syllabus documents for the senior secondary
students enrolled in mathematics courses for the Higher School Certificate in NSW (HSC). For each of the syllabus documents, the aims, objectives, content, course requirements and key terms will be examined and used to plan, program and develop appropriate teaching strategies as well as learning and assessment tasks for key mathematics concepts. For all of the mathematics courses offered in the senior school, student teachers will evaluate and design learning and assessment tasks using a range of resources as well as plan and program lesson sequences to differentiate learning and support the development of deeper understandings of challenging mathematics concepts including calculus. Retention of students beyond the compulsory years of schooling (Year 10) will be examined to identify issues associated with students’ motivation and engagement to continue the study of mathematics. Career choice limitations will be discussed to explore ways the continued learning of mathematics and mathematics and science careers can be promoted in schools.

EDUF4005 Research Honours A
Credit points: 6 Teacher/Coordinator: Assoc Prof David Evans Session: Semester 1 Classes: 2x 1-hr lecture/wk and 1x 2-hr seminar/wk Assessment: 1x take home exam (30%) and 1x seminar presentation (40%) and 1x eLearning task (40%)

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

EDGU3000 Teaching English Internationally 1
Credit points: 6 Teacher/Coordinator: Dr Ken Cruickshank Session: Semester 1 Classes: 2x 3-hr seminar/wk Assessment: 144 credit points including 78 credit points of Education Corequisites: EDGU2000 and EDGU3000
Assessment: 1x take home exam (30%) and 1x seminar presentation (40%) and 1x reflective report (30%)

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

Option 1
one Education Three Optional Unit and the following units:-

EDGU2000 Teaching English Internationally 2
Credit points: 6 Teacher/Coordinator: Dr Ken Cruickshank Session: Semester 1 Classes: 2x 3-hr seminar/wk Assessment: 144 credit points including 78 credit points of Education Corequisites: EDGU2000 and EDGU3000
Assessment: 1x seminar presentation (30%) and 1x take home exam (30%) and 1x unit of work (40%)

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

EDSE5008 Internship
Credit points: 6 Teacher/Coordinator: Dr Di Bloomfield Session: Semester 1 Classes: 30 days in-school experience Assessment: 144 credit points including 78 of Education and (EDSE3055 or EDSE3073) and (EDSE4040 or EDSE4043)
Assessment: Satisfies requirements/Fail (100%)

This final Internship is a bridge between the ending of preservice professional preparation and the first year of teaching. Under the guidance of the Mentor, Interns will gain knowledge and experience of all facets of the role of the teacher in the school and prepare themselves as thoroughly as possible for commencing to teach.
It is increasingly difficult for young people to survive in contemporary risk societies. Particularly problematic is their successful navigation of unfamiliar communities of practice manifest as organisational structures. Subsequently, mentoring has been widely adopted internationally to support young people acquire the organisation know-how essential to organisational survive. Specifically, within an educational context mentoring as theory and practice has assumed critical importance in introducing pre-service teachers to the professional practice of teaching. This unit of study examines mentoring in schools and universities and other organisational structures. Students use a range of sociological theories and constructs in order to develop a critical understanding of mentoring as professional practice.

EDUF3032
Curriculum and Evaluation
Credit points: 6
Teacher/Coordinator: Professor Murray Print
Session: Semester 1
Classes: 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk
Prerequisites: 42 credit points
Assessment: 1x analysis of curriculum document (20%) and 1x seminar presentation (30%) and 1x related paper on a curriculum phenomenon (40%) and 1x on-line task (10%)

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

EDUF3033
Multicultural Learning and Teaching
Credit points: 6
Teacher/Coordinator: Dr Marianne Hulsbosch
Session: Semester 1
Classes: 2 hrs lectures/wk for 9 wks and 3 hrs field work/wk for 3 wks and 3 hrs seminar/wk for 3 wks
Prerequisites: 42 credit points
Assessment: 1x critical reflective diary 2000wds (30%) and 1x essay 3000wds (50%) and 1x poster presentation 1000wds (15%)

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

EDUF3034
Australian Theatre, Film and Learning
Credit points: 6
Teacher/Coordinator: Dr Michael Anderson; Dr Kelly Freebody
Session: Semester 1, Semester 2
Classes: 1x 2-hr lecture/wk and 1x 1-hr tutorial/wk for 9 weeks and 3x field trips
Prerequisites: 42 credit points
Assessment: 1x 1000w media review (20%) and 1x 2500wd film deconstruction (40%) and 1x 2500wd theatre essay (40%)

This unit of study examines the nature of theatre and film in Australian cultural and educational settings. A particular focus will be placed on theatre and film for and by young people, and the range of learning that takes place through young people’s engagement in, and appreciation of, theatre and film. In addition, the role and nature of Australian film and theatre will be placed within an international context so that students can examine the international forces influencing Australian culture. Indigenous issues in Australian Film and Theatre will be examined. Australian Theatre, Film and Learning will provide first hand experiences of Australian films and theatre performances through field trips to significant theatre performances and festivals, Australian school performances and the viewing of Australian films. Students enrolled in this unit will incur a levy to cover any additional costs.
EDUF3026
Global Poverty and Education
Credit points: 6 Teacher/Coordinator: Dr Elizabeth Cussity Session: Semester 2 Classes: 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk. Prerequisites: 42 credit points. Assessment: 1x 1hr exam (25%) and 1x 2500wd essay (30%) and 1x 1250wd workshop paper (25%) and 1x 750wd workshop paper (20%) This unit of study explores relationships between education, poverty and development in the less-developed parts of the world. It acknowledges the importance of a broad-ranging view of development, including its economic, cultural and technological dimensions. The unit begins with an analysis of the impact of globalisation on poorer regions, moving to consideration of a range of theories of development and how education is viewed in them. The major part of the unit examines key issues facing educational development in poorer countries at the present time, and moves on to country and/or regional case studies, consideration of the Australian foreign aid program in education, and the role of UN agencies in educational development. Students will be assessed on the basis of: workshop participation, examination & essay. The emphasis, in all aspects of assessment, will be on demonstrating a sound understanding of the theories developed within the unit of study and applying these to the less-developed areas of the world. The use of educational research to support students' work, combined with a critical integration of all information used, is an integral component of the unit. The unit is especially designed for those who have an interest in developing countries, who may be teaching or writing about development issues, or who may be interested in careers in international and development education, whether in Australia or overseas.

EDUF3027
International Education
Credit points: 6 Teacher/Coordinator: Dr Nigel Bagnall Session: Semester 2 Classes: 1x 1hr lecture/wk and 1x 2-hr workshop/wk Prerequisites: 42 credit points. Assessment: 2x 1000wd workshop papers (20%) and 1x workshop presentation (20%) and 1x 1hr take home exam (20%) and 1x 2000wd essay (40%) The unit emphasis is on the underpinning global education trends of the developed world. A number of themes are dealt with in this global context, in particular youth transition, Indigenous education issues in Australia, USA and New Zealand, the emergence of international curriculum and assessment and a number of education system case studies. These case studies will include the education systems of France, Great Britain, Germany and the United States. The unit will appeal to students who are likely to work in the increasingly global world of teaching and may be involved in latter years in working in organizations such as UNESCO, the OECD or the World Bank.

EDUF3029
Psychology of Learning and Teaching
Credit points: 6 Teacher/Coordinator: Dr Paul Ginnis Session: Semester 2 Classes: 2x 1-hr lecture/wk and 1x 1-hr tutorial/wk. Prerequisites: 42 credit points and EDUF2006 Assessment: 1x 2-hr take home exam (30%) and 1x 2000wd essay (40%) and 1x group essay (15%) and 1x group presentation (15%) This unit of study examines four themes from current research on learning and teaching which have significant implications for enhancing learning outcomes in educational settings: (1) the self-system, learning and achievement; (2) collaborative learning: cognitive and motivational factors; (3) information processing and the design of instruction; and (4) learning from text, illustrations and multimedia. Each of these themes is defined by a central question (e.g. how is the self-system organised and what is its relationship to student achievement?) which is examined through several bodies of recent research. In addition to lectures on each theme, students present the results of their collaborative self-directed research on one of the themes in a series of presentations held in the last three weeks of the unit of study. At the completion of the unit students should be able to analyse, synthesise, and draw conclusions from theory and research in each of the four themes considered, derive educational implications and applications for an educational level (e.g. primary, secondary), demonstrate the skills involved in collaborative and self-directed learning, and demonstrate competence in oral and written communication skills.

EDUF3030
Australian Secondary Schooling
Credit points: 6 Teacher/Coordinator: Dr Helen Proctor Session: Semester 2 Classes: 1x 1-hr lecture/wk and 1x 2-hr seminar/wk for 10 wks. Prerequisites: 42 credit points. Assessment: 3x 700wd reading guides (30%) and 1x 2000wd essay (45%) and 1x 1hr exam (25%) How can we explain the ideas, practices and institutions which form the modern Australian secondary school? This unit looks for the answers in the history of the secondary school. Where did the HSC, prefects, SRCs, school uniforms, the curriculum, the private and the public school, the coed and single sex school, and the church and public schools all come from? Understanding the history of the present enables a powerful advantage in the process of reforming secondary schools and education. The first part of the unit looks at the inheritance from Europe and North America before concentrating on Australia, and New South Wales in particular. The workshop and assignment program encourages students to work on the experience and history of particular schools in which they may be interested.

EDUF3036
Arts-Based Learning and Teaching
Credit points: 6 Teacher/Coordinator: Dr Marianne Hulsbosch Session: Semester 2 Classes: 2 hrs lectures/wk for 9 wks and 3 hrs field work/wk for 3 wks and 3 hrs seminar/wk for 3 wks Prerequisites: 42 credit points. Assessment: 1x critical reflective diary 2000wds (35%) and 1x essay 3000wds (50%) and 1x poster presentation 1000wds (15%) This unit provides students with an understanding of the traditions, influences, stylistic and contemporary practices contributing to art and design in Australia and the Pacific. Knowledge of art and design, as well as design traditions and contemporary practices, are an important foundation for both practitioners and art educators. This unit will focus on Indigenous Australian and Pacific Islander art and design education. Students enrolled in this unit will incur a levy to cover any additional costs.
Bachelor of Education (Secondary: Science) and Bachelor of Science

Candidates must complete 240 credit points of units of study comprising:

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Education (Secondary: Science) and Bachelor of Science</td>
<td></td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

**YEAR 1**

In the first year, candidates must complete 48 credit points of units of study, comprising:
- 12 credit points of Education One units of study;
- 12 credit points of Junior units of study in Mathematics, chosen from Science Table 1;
- 12 credit points of Junior (level 1000) units of study in a first teaching area, chosen from Science Table 1; and
- 12 credit points of Junior (level 1000) units of study in a second teaching area, chosen from Science Table 1.

Candidates must include in the above requirements 12 credit points of units of study from either Physics or Chemistry.

**Education One Units**

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUF1018 Education, Teachers and Teaching</td>
<td>6</td>
<td>N EDUF1011</td>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDUF1019 Human Development and Education</td>
<td>6</td>
<td>N EDUF1012</td>
<td>Semester 2</td>
<td></td>
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</tr>
</tbody>
</table>

**YEAR 2**

In the second year, candidates must complete 48 credit points of units of study, comprising:
- 12 credit points of Education Two units of study;
- 12 credit points of Curriculum and Professional Studies units of study;
- 12 credit points of Intermediate (level 2000) units of study in the first teaching area (the Major sequence), chosen from Science Table 1; and
- 12 credit points of Intermediate (level 2000) units of study in the second teaching area, chosen from Science Table 1.

**Education Two Units**

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUF2006 Educational Psychology</td>
<td>6</td>
<td>P (EDUF1018 and EDUF1019) or 30 junior credit points</td>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDUF2007 Social Perspectives on Education</td>
<td>6</td>
<td>P (EDUF1018 and EDUF1019) or 30 junior credit points</td>
<td>Semester 2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Curriculum and Professional Studies Units**

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSE2001 Craft Knowledge and Prof Practices 1</td>
<td>6</td>
<td>P 48 credit points including 12 credit points of Education</td>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE2002 Indigenous Education: Secondary Schools</td>
<td>6</td>
<td>P 42 cpts including EDUF1018 and EDUF1019 and EDSE2001</td>
<td>Semester 2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**YEAR 3**

In the third year, candidates must complete 48 credit points of units of study, comprising:
- 36 credit points of Curriculum and Professional Studies units of study including 24 credit points of Teaching Area units; and
- 12 credit points of Senior (level 3000) units of study in the first teaching area (the Major sequence), chosen from Science Table 1.

**Curriculum and Professional Studies Units**

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSE3072 Craft Knowledge and Prof Practices 2</td>
<td>4</td>
<td>P 72 credit points including 24 credit points of Education, EDSE2001 and two of the following: Semester 2 EDSE3037, EDSE3038, EDSE3040, EDSE3041, EDSE3042, EDSE3043, EDSE3044, EDSE3045, EDSE3046, EDSE3047, EDSE3048, EDSE3049, EDSE3050, EDSE3051, EDBT5610.</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>EDSE3073 Professional Experience A</td>
<td>2</td>
<td>P 72 credit points including 24 credit points of Education, EDSE2001 and two of the following:EDSE3037, EDSE3038, EDSE3040, EDSE3041, EDSE3042, EDSE3043, EDSE3044, EDSE3045, EDSE3046, EDSE3047, EDSE3048, EDSE3049, EDSE3050, EDSE3051, EDBT5610</td>
<td>Semester 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDUF3031 Positive Approaches to Special Education</td>
<td>6</td>
<td>P 42 credit points</td>
<td>Semester 1 Semester 2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Teaching Area Units**

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSE3051 Teaching Science 1 (Core)</td>
<td>6</td>
<td>P 54 credit points including 24 credit points of Education and EDSE2001 and 12 intermediate credit points in one Science Area (either Chemistry, Biology, Geology or Physics) + 6 credit points in 2nd Science area either Chemistry, Physics, Biology or Geology.</td>
<td>Semester 1b</td>
<td></td>
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</tr>
<tr>
<td>EDSE3068 Teaching Science 2 (Core)</td>
<td>6</td>
<td>P EDSE3051 and 12 intermediate credit points of science</td>
<td>Semester 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE4035 Teaching Science 1 (Extension)</td>
<td>6</td>
<td>P 54 credit points including 24 credit points of Education and EDSE2001 and 12 intermediate credit points in one science area (either chemistry, biology, geology or physics) and 6 credit points in a second science area (either chemistry, biology, geology or physics) C EDSE3051 Note: Department permission required for enrolment</td>
<td>Semester 1b</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE4034 Teaching Science 2 (Extension)</td>
<td>6</td>
<td>P EDSE3051</td>
<td>Semester 1 Semester 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE3045 Teaching Mathematics 1A</td>
<td>6</td>
<td>P 54 credit points including 24 credit points of Education and EDSE2001 and 12 credit points of Intermediate Mathematics</td>
<td>Semester 1b</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>EDSE3043 Teaching Mathematics 2A</td>
<td>6</td>
<td>P EDSE3045 plus 12 credit points of intermediate mathematics or statistics</td>
<td>Semester 2</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Unit of study</td>
<td>Credit points</td>
<td>A: Assumed knowledge</td>
<td>P: Prerequisites</td>
<td>C: Corequisites</td>
<td>N: Prohibition</td>
<td>Session</td>
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<td>-----------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>EDSE3041 Teaching Geography 1</td>
<td>6</td>
<td>P 54 credit points including 24 credit points of Education including EDSE2001 and 12 intermediate credit points of Geography</td>
<td>Semester 1b</td>
<td></td>
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</tr>
<tr>
<td>EDSE3059 Teaching Geography 2</td>
<td>6</td>
<td>P EDSE3041 plus 12 intermediate credit points of geography</td>
<td>Semester 2</td>
<td></td>
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</tr>
</tbody>
</table>

**YEAR 4**

In the fourth year, candidates must complete 48 credit points of units of study, comprising:
- 30 credit points of Curriculum and Professional Studies units of study including 12 credit points of Teaching Area units; and
- 12 credit points of Senior (level 3000) units of study in the first teaching area (the Major sequence), chosen from Science Table 1.
- 6 credit points of Education Three Optional units of study.

**Curriculum and Professional Studies Units**

<table>
<thead>
<tr>
<th>Unit</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSE4042 Craft Knowledge and Prof Practices 3</td>
<td>6</td>
<td>P 108 credit points including 30 credit points of Education, EDSE3073, EDSE2001, EDSE3072 and two of the following EDSE3056, EDSE3057, EDSE3058, EDSE3059, EDSE3060, EDSE3061, EDSE3062, EDSE3063, EDSE3064, EDSE3065, EDSE3066, EDSE3067, EDSE3068, EDBT6560</td>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE4043 Professional Experience B</td>
<td>2</td>
<td>P 108 credit points including 30 credit points of Education, EDSE2001, EDSE3072, EDSE3073 and two of the following: EDSE3056, EDSE3057, EDSE3058, EDSE3059, EDSE3060, EDSE3061, EDSE3062, EDSE3063, EDSE3064, EDSE3065, EDSE3066, EDSE3067, EDSE3068, EDBT6560</td>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE4044 Information Technology in Schools</td>
<td>4</td>
<td>P 108 credit points including 30 credit points of Education, EDSE3072 and two of EDSE4021, EDSE4022, EDSE4023, EDSE4024, EDSE4025, EDSE4026, EDSE4027, EDSE4028, EDSE4029, EDSE4030, EDSE4031, EDSE4032, EDSE4033, EDSE4034, EDSE4035, EDSE4041 and EDBT6610, EDSE4042, EDSE4043, EDSE4044, EDBT6560</td>
<td>Semester 2</td>
<td></td>
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</tr>
<tr>
<td>EDUF4044 Reading and Designing Research</td>
<td>6</td>
<td>P 120 credit points including EDUF2006 and EDUF2007</td>
<td>Semester 1</td>
<td></td>
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</tr>
<tr>
<td><strong>Teaching Area Units</strong></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>EDSE4035 Teaching Science 1 (Extension)</td>
<td>6</td>
<td>P 54 credit points including 24 credit points of Education and EDSE2001 and 12 intermediate credit points in one science area (either chemistry, biology, geology or physics) and 6 credit points in a second science area (either chemistry, biology, geology or physics)</td>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE4034 Teaching Science 2 (Extension)</td>
<td>6</td>
<td>P EDSE3051</td>
<td></td>
<td></td>
<td></td>
<td>Semester 1b</td>
</tr>
<tr>
<td>EDSE4028 Teaching Mathematics 3A</td>
<td>6</td>
<td>P EDSE3045 and EDSE3063</td>
<td></td>
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<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE4024 Teaching Geography 3</td>
<td>6</td>
<td>P EDSE3041 &amp; EDSE3059</td>
<td>C EDSE4042, EDSE4043</td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td><strong>Honours Pathway</strong></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>EDUF4005 Research Honours A</td>
<td>6</td>
<td>Note: Department permission required for enrolment</td>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDUF4006 Research Honours B</td>
<td>6</td>
<td>P EDUF4005</td>
<td>Note: Department permission required for enrolment</td>
<td>Semester 2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**YEAR 5**

In the fifth year, candidates must complete 48 credit points of units of study, comprising:
- 24 credit points of Curriculum and Professional Studies units of study; and
- 24 credit points of units of study, including 12 credit points of Junior (level 1000), Intermediate (level 2000) or Senior (level 3000) units and 12 credit points of Intermediate (level 2000) or Senior (level 3000) units, chosen from Science Table 1.

**Curriculum and Professional Studies Units**

Candidates must complete 24 credit points of study from one of the following options.

**Option 1**

one Education Three Optional Unit and the following units:-

<table>
<thead>
<tr>
<th>Unit</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDGU2000 Teaching English Internationally 1</td>
<td>6</td>
<td>P 144 credit points including 78 credit points of Education</td>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDGU3000 Teaching English Internationally 2</td>
<td>6</td>
<td>P 144 credit points including 78 credit points of Education</td>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE5000 Internship</td>
<td>6</td>
<td>P 144 credit points including 78 of Education (EDSE3055 or EDSE3073) and (EDSE4040 or EDSE4043)</td>
<td>Semester 1</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**Option 2**

one Education Three Optional Unit and the following units:-

<table>
<thead>
<tr>
<th>Unit</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSE5010 Meeting the Needs of Cultural Diversify</td>
<td>12</td>
<td>P 144 credit points including 78 credit points of Education</td>
<td>Semester 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE5008 Internship</td>
<td>6</td>
<td>P 144 credit points including 78 of Education (EDSE3055 or EDSE3073) and (EDSE4040 or EDSE4043)</td>
<td>Semester 1</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Candidates who are eligible for Honours must complete the 12 credit points of units of study listed below instead of EDUF4044 and one Education Three Optional unit from Year 4.
<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUCATION THREE OPTIONAL UNITS</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>for Year 4 and Year 5</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>EDUCF3023 Sport: Contemporary Educational Issues</td>
<td>6</td>
<td>P</td>
<td>42 credit points</td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUCF3028 Mentoring in Educational Contexts</td>
<td>6</td>
<td>P</td>
<td>42 credit points</td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUCF3032 Curriculum and Evaluation</td>
<td>6</td>
<td>P</td>
<td>42 credit points</td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUCF3035 Multicultural Learning and Teaching</td>
<td>6</td>
<td>P</td>
<td>42 credit points</td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUCF3034 Australian Theatre, Film and Learning</td>
<td>6</td>
<td>P</td>
<td>42 credit points</td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUCF3026 Global Poverty and Education</td>
<td>6</td>
<td>P</td>
<td>42 credit points</td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUCF3027 International Education</td>
<td>6</td>
<td>P</td>
<td>42 credit points</td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUCF3029 Psychology of Learning and Teaching</td>
<td>6</td>
<td>P</td>
<td>42 credit points and EDUF2006</td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUCF3030 Australian Secondary Schooling</td>
<td>6</td>
<td>P</td>
<td>42 credit points</td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUCF3036 Arts-Based Learning and Teaching</td>
<td>6</td>
<td>P</td>
<td>42 credit points</td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
</tbody>
</table>
Bachelor of Education (Secondary: Mathematics) and Bachelor of Science

Candidates must complete 240 credit points of units of study comprising:

YEAR 1

In the first year, candidates must complete 48 credit points of units of study, comprising:- 12 credit points of Education One units of study; - 12 credit points of Junior units of study in Mathematics as the first teaching area (the Major sequence), chosen from Science Table 1; - 12 credit points of Junior (level 1000) units of study in a second teaching area, chosen from Science Table 1; and- 12 credit points of Junior (level 1000) units of study, chosen from Science Table 1.

Candidates doing science as a 2nd Teaching Area must include 12 credit points of either Physics or Chemistry in the above requirements.

Education One Units

EDUF1018
Education, Teachers and Teaching
Credit points: 6 Teacher/Coordinator: Dr Paul Ginns Session: Semester 1 Classes: 2x 1 hr lecture/wk and 1x 1 hr tutorial/wk commencing week 2 and 1x 1 hr mentoring seminar commencing week 2 Prohibitions: EDUF1011 Assessment: 1x 1.5 hr exam (40%) and 2x 1000wd essays (2x20%) and 1x seminar presentation (20%)

This unit of study is the first part of Education I and provides a general introduction to education and teaching. The unit integrates the following themes: knowledge, culture and the curriculum; teaching as a process and way of life; and, teachers as life-long learners and researchers.

Within this unit, students are also mentored by more experienced students during their first semester transition to the university. At the conclusion of the unit students should have developed and demonstrated an understanding of the complex character of teachers' work.

EDUF1019
Human Development and Education
Credit points: 6 Teacher/Coordinator: Dr Minkang Kim Session: Semester 2 Classes: 2x 1 hr lecture/wk for 10 wks and 1x 1 hr tutorial/wk for 10 wks and 1x 1 hr seminar presentation for 10 wks Prohibitions: EDUF1012 Assessment: 1x 1 hr seminar presentation (30%) and 1x 2000wd essay (30%) and 1x 2 hr exam (30%) and 1x ICT task (10%)

This unit, which is the second part of Education 1 introduces students to the study of human development, with a particular emphasis on the development of early childhood through to adolescence. The unit addresses one of the major goals of Education I, II and III; the learning of a body of knowledge on 'human development (child and adolescent in particular)'. It is premised on the view that teaching from a developmental perspective inevitably transforms teachers into problem solvers who adapt and modify their teaching and learning approaches, based on knowledge of factors that promote each child's optimal development. A core assumption of the unit is that the study of human development is cross-disciplinary; involving in particular psychology, philosophy of science and neurobiology, and that existing developmental theories are open to question and continuing debate.

Students are therefore encouraged to engage in this study with critical and creative minds. The unit focuses on the processes and products of human development, related to cognitive emotional, social, moral, motor, and language development. The classical theories will be considered in some detail and examined in the light of contemporary theory and research, drawing in particular on the Dynamic Systems Approach and the neurobiology of the brain. The unit will also consider the impact of history, culture, and social context, and how current skills and interests and prior achievements affect learning and development. In addition, Introduction to Computers in Education, a component of this unit of study in terms of assessment but administratively separate, attempts to impart upon students a beginning knowledge of computers and information technology such that beginning teachers can properly function as educational professionals.

YEAR 2

In the second year, candidates must complete 48 credit points of units of study, comprising:- 12 credit points of Education Two units of study; - 12 credit points of Curriculum and Professional Studies units of study; - 12 credit points of Intermediate (level 2000) units of study in Mathematics as the first teaching area (the Major sequence), chosen from Science Table 1; and- 12 credit points of Intermediate (level 2000) units of study in Mathematics or in the second teaching area, chosen from Science Table 1.

Education Two Units

EDUF2006
Educational Psychology
Credit points: 6 Teacher/Coordinator: Dr Richard Walker Session: Semester 1 Classes: 1x 2 hr lecture/wk and 1x 1 hr tutorial/wk Prerequisites: (EDUF1018 and EDUF1019) or 30 junior credit points Assessment: 1x tutorial presentations (oral & written) (30%) and 1x 2000wd essay (40%) and 1x 2 hr exam (30%)

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

EDUF2007
Social Perspectives on Education
Credit points: 6 Teacher/Coordinator: Assoc Prof Debra Hayes Session: Semester 2 Classes: 1x 1 hr lecture/wk and 1x 2 hr workshop/wk Prerequisites: (EDUF1018 and EDUF1019) or 30 junior credit points Assessment: workshop presentations (15%) and 1x 1000wd literature review (15%) and 1x 4000wd joint research project (35%) and 1x exam 1.5hrs (25%) and 1x oral presentation (10%)

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

Curriculum and Professional Studies Units

EDSE2001
Craft Knowledge and Prof Practices 1
Credit points: 6 Teacher/Coordinator: Dr Kelly Freebody Session: Semester 1 Classes: 1x 1-hr lecture/wk and 1x 2-hr seminar/wk for 11 wks and 1 workshop Prerequisites: 48 credit points including 12 credit points of Education Assessment: 2 x assessment tasks including a practicum portfolio (60%) and 1 x teaching practice (40%)

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

EDSE2002
Indigenous Education: Secondary Schools
Credit points: 6 Teacher/Coordinator: Cathie Burgess Session: Semester 2 Classes: 1x 1hr lecture/wk for 12 wks and 1x 2hr tutorial/wk for 12 wks Prerequisites: 42 cpts including EDUF1018 and EDUF1019 and EDSE2001 Assessment: 1x tutorial presentation (30%) and 1 x resource evaluation (30%) and 1 x 2500 wd essay (40%)

This unit of study is a compulsory unit within the combined degrees program. It prepares students to become effective teachers of Indigenous students and develops an understanding of the current social, political and economic challenges faced by Indigenous peoples and communities. Examining Australia’s history from Indigenous Australian perspectives will provide foundation to address issues impacting on the educational outcomes of Indigenous students. An exploration of the diversity of Indigenous cultures will equip students with a knowledge of culturally appropriate teaching and learning strategies to meet the educational needs of Indigenous students. The unit also provides an overview of Aboriginal educational policies and priorities which impact on all students in NSW schools and firmly emphasises the importance of ongoing consultation and engagement with Indigenous communities and key stakeholders. Through studying this unit, students will continue to construct their own identity as a teacher and acquire the knowledge and skills to create inclusive classrooms.

YEAR 3
In the third year, candidates must complete 48 credit points of units of study, comprising:- 36 credit points of Curriculum and Professional Studies units of study including 24 credit points of Teaching Area units; and - 12 credit points of Senior (level 3000) units of study in Mathematics as the first teaching area (the Major sequence) chosen from Science Table 1.

Curriculum and Professional Studies Units

EDSE3072
Craft Knowledge and Prof Practices 2
Credit points: 4 Teacher/Coordinator: Dr Dorothy Bottrell Session: Semester 2 Classes: 2x 1-hr lecture/wk and 1x 2-hr seminar/wk and 1x 1-hr tutorial/wk for 5 wks Prerequisites: 72 credit points including 24 credit points of Education, EDSE2001 and two of the following: EDSE3037, EDSE3038, EDSE3040, EDSE3041, EDSE3042, EDSE3043, EDSE3044, EDSE3045, EDSE3046, EDSE3047, EDSE3048, EDSE3049, EDSE3050, EDSE3051, EDBT5610 Assessment: 1x 1000wd presentation (30%) and 1x 1500wd lesson analysis (40%) and 1x 1500wd report (30%)

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

EDSE3073
Professional Experience A
Credit points: 2 Teacher/Coordinator: Dr Di Bloomfield Session: Semester 2 Classes: 20 days of Professional Experience Prerequisites: 72 credit points including 24 credit points of Education, EDSE2001 and two of the following:EDSE3037, EDSE3038, EDSE3040, EDSE3041, EDSE3042, EDSE3043, EDSE3044, EDSE3045, EDSE3046, EDSE3047, EDSE3048, EDSE3049, EDSE3050, EDSE3051, EDBT5610 Assessment: Satisfies Requirements/Fail (100%)

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

EDUF3031
Positive Approaches to Special Education
Credit points: 6 Teacher/Coordinator: Dr Ilektra Spandagou Session: Semester 1, Semester 2 Classes: 1x 1-hr lecture/wk for 12 wks and 1x 2-hr workshop for 6 wks and 20 hrs fieldwork placement Prerequisites: 42 credit points Assessment: 1 x fieldwork report equiv 4000 wds (40%) and 1 x tutorial presentation equiv 650 wds (15%) and 3 position statements equiv 1350 wds (3x15%)

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

Teaching Area Units

EDSE3045
Teaching Mathematics 1A
Credit points: 6 Teacher/Coordinator: Assoc Prof Judy Anderson Session: Semester 1b Classes: 2x 2-hr/wk for 8 wks Prerequisites: 54 credit points including 24 credit points of Education and EDSE2001 and 12 credit points of Intermediate Mathematics Assessment: 1x 2000wd group report (40%) and 1x 4000wd presentation and individual written reflection (60%)

The aim of this unit of study is to introduce issues associated with the teaching and learning of mathematics from Kindergarten to Year 12 to student teachers undertaking both double and single mathematics method. The continuum of learning for K to 10 will be explored as it outlines the developmental nature of learning mathematics, building concepts across the transitional stages of schooling, and considering strategies to address the learning needs of the full range of students in the mathematics classroom. The importance of building upon learning in the primary school years will be a key focus in this first mathematics methods unit of study. Particular issues in the teaching and learning of mathematics will be addressed through the investigation of scenarios related to school contexts. To reflect the collaborative nature of working in a team of teachers in schools, student teachers will form small learning teams to explore scenarios, related to high school settings. In these teams, student teachers will be required to collaboratively investigate the issues raised in the scenarios and plan sequential learning experiences appropriate for high school students.
These two concepts provide a sound basis for learning across all of the stages of schooling and link closely to many other aspects of the mathematics curriculum. The processes required to work and think mathematically will be explored in detail including problem solving and reasoning. The types of problem solving and modelling tasks, which are most suitable for cooperative groups will be considered with opportunities to evaluate a range of tasks. Rich problem-solving tasks will be designed and evaluated for use in middle school classrooms. The rich tasks will be compared to textbook questions and the pedagogical differences between teaching using rich tasks and teaching from the textbook will be evaluated. Research comparing such approaches will be used to challenge the student teachers' beliefs about the teaching and learning of mathematics in secondary classrooms.

**EDSE3046 Teaching Mathematics 1B**

**Credit points:** 6  
**Teacher/Coordinator:** Assoc Prof Judy Anderson  
**Session:** Semester 2  
**Classes:** 2x 1-hr lecture/wk for 9 wks  
**Prerequisites:** EDSE3045 and 12 credit points of Intermediate Mathematics  
**Corequisites:** EDSE3045 and Assessment: 1x 4000wd resource folder (60%) and 1x 2000wd assignment (40%)

This first extension unit of study aims to develop further knowledge and understanding of key issues associated with teaching and learning mathematics from Kindergarten to Year 12. By visiting primary school classrooms, student teachers will begin to build knowledge and understanding of the stages of schooling and link closely to many other aspects of the stages of schooling and link closely to many other aspects of the mathematics curriculum. The processes required to work and think mathematically will be explored in detail including problem solving and reasoning. The types of problem solving and modelling tasks, which are most suitable for cooperative groups will be considered with opportunities to evaluate a range of tasks. Rich problem-solving tasks will be designed and evaluated for use in middle school classrooms. The rich tasks will be compared to textbook questions and the pedagogical differences between teaching using rich tasks and teaching from the textbook will be evaluated. Research comparing such approaches will be used to challenge the student teachers' beliefs about the teaching and learning of mathematics in secondary classrooms.

**EDSE3063 Teaching Mathematics 2A**

**Credit points:** 6  
**Teacher/Coordinator:** Assoc Prof Judy Anderson  
**Session:** Semester 2  
**Classes:** 2x 2-hrs/wk for 9 wks  
**Prerequisites:** EDSE3045 plus 12 credit points of Intermediate mathematics or statistics  
**Assessment:** 1x 2500wd assignment (40%) and 1x 3500wd assignment (60%)

This is the second unit of study for both single and double mathematics method student teachers. The focus of this unit of study is a detailed examination of the school mathematics curriculum to develop student teachers’ knowledge and understanding of the mathematics curriculum requirements and appropriate pedagogy. The rationale, aim, content, course requirements and key terms from the curriculum will be examined and used to plan, program and develop lesson plans for key mathematics concepts. Building on their understandings from Mathematics Curriculum 1, student teachers will examine the content strands of the mathematics curriculum to develop appropriate models of pedagogy for teaching and assessment. Common student misconceptions form the basis of planning and programming so that student teachers are prepared to meet the needs of the full range of students. Additional strategies for differentiating the curriculum and embedding technology into lessons will be explored. A range of technologies will be examined in this unit including interactive whiteboards, computer software packages and graphics calculators. Strategies for assessing mathematics knowledge, skills and understanding will be considered with student teachers developing skills in designing assessment tasks. Assessment for learning and assessment of learning will be discussed with rich tasks developed for both purposes.

**EDSE3064 Teaching Mathematics 2B**

**Credit points:** 6  
**Teacher/Coordinator:** Assoc Prof Judy Anderson  
**Session:** Semester 2  
**Classes:** 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk and 1x 2-hr seminar/wk  
**Prerequisites:** 54 credit points including 24 credit points of Education and EDSE2001 and 12 Intermediate credit points in one Science Area (either Chemistry, Biology, Geology or Physics) + 6 credit points in 2nd Science area either Chemistry, Physics, Biology or Geology.  
**Assessment:** 1x concept map (10%) and 1x peer teaching (20%) and 1x lesson plan and resource (30%) and 1x portfolio (40%)

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

**EDSE3068 Teaching Science 2 (Core)**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Louise Sutherland  
**Session:** Semester 1  
**Classes:** 4hrs workshop/seminar/wk  
**Prerequisites:** EDSE3051 and 12 Intermediate credit points of science  
**Assessment:** 1x unit plan proposal (10%) and 1x seminar presentation (20%) and 1x unit plan stage 5 (40%) and 1x portfolio (30%)

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

**EDSE3041 Teaching Geography 1**

**Credit points:** 6  
**Teacher/Coordinator:** Ms Kate Keeley  
**Session:** Semester 1  
**Classes:** 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk and 1x 2-hr seminar/wk  
**Prerequisites:** 54 credit points including 24 credit points of Education including EDSE2001 and 12 Intermediate credit points of Geography  
**Assessment:** 1x lesson plan task (30%) and 1x teaching and learning folder (30%) and 1x eLearning task (40%)

This unit of study aims to make students confident, enthusiastic and competent teachers of Geography. This unit will develop competencies and skills in lesson planning, programming and pedagogy in teaching Geography in Stage 4. An understanding of the NSW Board of Studies years 7-10 Geography Syllabus will be emphasised and students will develop lesson plans, programs, teaching resources and a range of Geography teaching materials. There will be an emphasis on ICT literacy and civics and citizenship education throughout the unit.
EDSE4042

Craft Knowledge and Prof Practices 3

Credit points: 6  
Teacher/Coordinator: Dr Kelly Freebody  
Session: Semester 1  
Classes: 2x 1-hr lecture/wk and 1x 1-hr tutorial/wk for 7 weeks  
Prerequisites: 108 credit points including 30 credit points of Education, EDSE3073, EDSE3072, EDSE3073 and two of the following: EDSE3056, EDSE3057, EDSE3058, EDSE3059, EDSE3060, EDSE3061, EDSE3062, EDSE3063, EDSE3064, EDSE3065, EDSE3067, EDSE3068, EDSE3071, EDSE3067.  
Assessment: 2x assessment tasks including a tutorial presentation (50%) and 1x report (50%)  

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

EDSE4043

Professional Experience B

Credit points: 2  
Teacher/Coordinator: Dr Di Bloomfield  
Session: Semester 1  
Classes: 25 days Professional Experience  
Prerequisites: 108 credit points including 30 credit points of Education, EDSE2001, EDSE3072, EDSE3073 and two of the following: EDSE3056, EDSE3057, EDSE3058, EDSE3059, EDSE3060, EDSE3061, EDSE3062, EDSE3063, EDSE3064, EDSE3065, EDSE3071, EDSE3067, EDSE3068.  
Assessment: Satisfies Requirements/Passes (100%)  

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

EDSE4044

Information Technology in Schools

Credit points: 4  
Teacher/Coordinator: Dr Chun Hu  
Session: Semester 2  
Classes: 2x 1hr workshop/wk for 10 wks  
Prerequisites: 108 credit points including 30 credit points of Education, EDSE2001, EDSE3072 and two of the following: EDSE4021, EDSE4022, EDSE4023, EDSE4024, EDSE4025, EDSE4026, EDSE4027, EDSE4028, EDSE4029, EDSE4030, EDSE4031, EDSE4032, EDSE4033, EDSE4034, EDSE4035, EDSE4041 and EDST6610  
Corequisites: EDSE4042, EDSE4043  
Prohibitions: EDSE4038  
Assessment: 1x ICT project one (20%) and 1x project two (80%)  

The unit of study builds on student’s knowledge and skills gained from their previous information and communication technologies (ICT) related units of study, and curriculum subject areas. The unit of study focuses on multimedia learning theory and learning from and with multimedia/hypermedia. Students will be provided with an overview of the principles of designing multimedia/hypermedia resources to enhance the learning/teaching process. By immersing ICT tools as part of assignments and activities, the unit of study will provide students with hands-on experiences of designing/developing learning resources relevant to their curriculum subjects.

EDUF4044

Reading and Designing Research

Credit points: 6  
Teacher/Coordinator: Associate Professor Debra Hayes, Dr Lina Markauskaite, Dr George Odhiambo  
Session: Semester 1, Semester 2  
Classes: 2x 1-hr lecture/wk and 1x 1-hr tutorial/wk for 7 weeks  
Prerequisites: 120 credit points including EDUF2006 and EDUF2007  
Assessment: 1x literature review online (20%) and 1x literature review written (20%) and 1x poster (20%) and 1x presentation (10%) and 1x research proposal (30%)  

This unit of study is designed to introduce you to the field of research in education. You will develop an appreciation of the broad range of research topics in education and their associated forms of systematic inquiry. The unit will prepare you to read and interpret research, and to conduct small scale investigations in a range of contexts such as classrooms or schools, or within another setting in which learning opportunities are afforded. These settings might include online communication, outdoor education, excursions, coaching, tutoring, and informal learning associated with home and community contexts. The kinds of research questions considered might include pedagogy, curriculum, policy, and organizational issues, and might consider the perspectives of students, teachers, parents, policymakers and/or the broader community. In preparing an individual research proposal, you will draw upon the research literature to develop your topic and to select a form of inquiry that is suited to it.

Teaching Area Units

EDSE4028

Teaching Mathematics 3A

Credit points: 6  
Teacher/Coordinator: Assoc Prof Judy Anderson  
Session: Semester 1  
Classes: 2x 2-hr seminar/wk for 9 wks  
Prerequisites: EDSE3045 and EDSE3063  
Corequisites: EDSE4042, EDSE4043  
Assessment: 1x 3000wd resource portfolio (50%) and 1x 3000wd assignment (50%)  

This is the third unit of study for both single and double mathematics method student teachers. The focus of this unit of study is a detailed examination of the syllabus documents of the senior secondary students enrolled in mathematics courses for the Higher School Certificate in NSW (HSC). For each of the syllabus documents, the aims, objectives, content, course requirements and key terms will be examined and used to plan, program and develop appropriate teaching strategies as well as learning and assessment tasks for key mathematics concepts. For all of the mathematics courses offered in the senior school, student teachers will evaluate and design learning and assessment tasks using a range of resources as well as plan and program lesson sequences to differentiate learning and support the development of deeper understandings of challenging mathematics concepts including calculus. Retention of students beyond the compulsory years of schooling (Year 10) will be examined to identify issues associated with students’ motivation and engagement to continue the study of mathematics. Career choice limitations will be discussed to explore ways the continued learning of mathematics and mathematics and science careers can be promoted in schools.
EDSE4029
Teaching Mathematics 3B
Credit points: 6  
Teacher/Coordinator: Assoc Prof Judy Anderson  
Session: Semester 1  
Classes: 1x 4-hr seminar/wk for 9 wks.  
Prerequisites: EDSE3045, EDSE3046, EDSE3063 and EDSE3064  
Corequisites: EDSE4028, EDSE4042 and EDSE4043  
Assessment: 1x 3000wd assignment (50%) and 1x 3000wd essay (50%)  

This third extension unit of study for student teachers doing double mathematics methods aims to enrich knowledge, skills and understanding of calculus-based mathematics courses in the senior secondary years of schooling, and provide an examination of various successful approaches to teaching, learning and assessing. By exploring particular topics from the higher-level calculus-based courses, student teachers will design units of work and present research-based teaching ideas to their peers. The impact of high-stakes assessment on students’ motivation and engagement in school mathematics will be considered. By collecting samples of alternative assessment tasks, student teachers will evaluate the efficacy of using similar alternatives to provide constructive feedback to students about their knowledge, skills and understanding of mathematics. Self-theories and views of ‘ability’ will be considered in relation to the development of school students’ mathematical identities. The development of a mathematical identity and its impact on choices to continue to study mathematics in the senior years of schooling and beyond will be investigated. The impact of linguistic, social and cultural backgrounds will be highlighted from the research literature with further discussions about the types of social norms frequently established in mathematics classrooms.

EDSE4035
Teaching Science 1 (Extension)
Credit points: 6  
Teacher/Coordinator: Dr Louise Sutherland  
Session: Semester 1, Semester 2  
Classes: 4hrs workshop-seminar/wk  
Prerequisites: 54 credit points including 24 credit points of Education and EDSE2001 and 12 intermediate credit points in one science area (either chemistry, biology, geology or physics) and 6 credit points in a second science area (either chemistry, biology, geology or physics)  
Corequisites: EDSE3051  
Assessment: 1x concept map of topic focusing on changes in scientific ideas (10%) and 1x essay on major changes in the development of ideas (30%) and 1x peer teaching (30%) and 1x resources to support teaching of the unit (30%)  
Note: Department permission required for enrolment.

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

EDSE4024
Teaching Geography 3
Credit points: 6  
Teacher/Coordinator: Ms Kate Keeley  
Session: Semester 1  
Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk and 1x 2-hr seminar/wk  
Prerequisites: EDSE3041 & EDSE3059  
Corequisites: EDSE4042, EDSE4043  
Assessment: 1x assessment task (30%) and 1x program of work (30%) and 1x eLearning task (40%)  

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

Honours Pathway
Candidates who are eligible for Honours must complete the 12 credit points of units of study listed below instead of EDUF4044 and one Education Three Optional unit from Year 4.

EDUF4005
Research Honours A
Credit points: 6  
Teacher/Coordinator: Assoc Prof David Evans  
Session: Semester 1  
Classes: 2x 1-hr lecture/wk and 1x 2-hr seminar/wk for weeks 1-7  
Assessment: This unit is jointly assessed with EDUF4006. The assessment of these units will be: 5 online tasks (5x 3%) and 10 mins presentation (10%) and research proposal (25%) and 10000 word dissertation (50%)  
Note: Department permission required for enrolment.

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

EDUF4006
Research Honours B
Credit points: 6  
Teacher/Coordinator: Assoc Prof David Evans  
Session: Semester 2  
Classes: 12 x 2 hr independent sessions with supervisor  
Prerequisites: EDUF4005  
Assessment: This unit is jointly assessed with EDUF4005. The assessment of these units will be: 5 online tasks (5x 3%) and 10 mins presentation (10%) and research proposal (25%) and 10000 word dissertation (50%)  
Note: Department permission required for enrolment.

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

YEAR 5
In the fifth year, candidates must complete 48 credit points of units of study, comprising:- 24 credit points of Curriculum and Professional Studies units of study; and- 24 credit points of units of study, including 12 credit points of Junior (level 1000) or Intermediate (level 2000) or Senior (level 3000) units, and 12 credit points of Intermediate (level 2000) or Senior (level 3000) units, chosen from Science Table 1. Candidates who also wish to complete a science area major must complete 24 level 3000 units in this area.

Curriculum and Professional Studies Units
Candidates must complete 24 credit points of units of study from one of the following options:

Option 1
one Education Three Optional Unit and the following units:-

EDGU2000
Teaching English Internationally 1
Credit points: 6  
Teacher/Coordinator: Dr Ken Cruickshank  
Session: Semester 1  
Classes: 2x 3hr seminar/wk  
Prerequisites: 144 credit points including 76 credit points of Education Corequisites: EDSE5508 Assessment: 1x take home exam (30%) and 1x seminar presentation (40%) and 1x reflective report (30%)  
The rapid expansion of English as a global language has led to a demand for graduates across a range of disciplines to have skills and
expertise in English language teaching. This unit aims to introduce theory, concepts and practices in teaching English. The unit will focus on developing participants' knowledge and understanding of English language teaching and learning to international students in Australia and in primary, secondary and tertiary contexts overseas. The unit will develop understanding of second language learning and intercultural skills. It requires an interest in but not a specific background in teaching and languages.

**EDGU3000 Teaching English Internationally 2**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Ken Cruickshank  
**Session:** Semester 1  
**Classes:** 2x 3-hr seminar/wk  
**Prerequisites:** 144 credit points including 78 credit points of Education  
**Corequisites:** EDGU2000 and EDSE5008  
**Assessment:** 1x seminar presentation (30%) and 1x take home exam (30%) and 1x unit of work (40%)

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

**EDSE5008 Internship**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Di Bloomfield  
**Session:** Semester 1  
**Classes:** 30 days in-school experience  
**Prerequisites:** 144 credit points including 78 of Education and (EDSE3055 or EDSE3073) and (EDSE4040 or EDSE4043)  
**Assessment:** Satisfies requirements/Fail (100%)

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

**EDUF3023 Sport: Contemporary Educational Issues**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Steve Georgakis  
**Session:** Semester 1  
**Classes:** 1x 1-hr lecture/wk for 12 wks and 2-hr seminar/wk for 12 wks  
**Prerequisites:** 42 credit points  
**Assessment:** Seminar presentations (20%) and 1x 2500 wd work research project (40%) and 1x 2500 wd portfolio (40%)

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

The unit is structured in a way to encourage the development of arguments and ideas through tutorial presentations, research projects and a portfolio which relate to these topic areas. This unit of study is designed to encourage student-based multi-disciplinary inquiry as laid out by the Education III design. It is designed also to encourage students to become informed citizens and life-long learners.

**EDUF3028 Mentoring in Educational Contexts**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Lesley Scanlon  
**Session:** Semester 1  
**Classes:** 1x 1-hr lecture/wk and 1x 2-hr seminar/wk, for 10 wks  
**Prerequisites:** 42 credit points  
**Assessment:** 1x seminar presentation 2000 wds (30%) and 1x reflective journal 4000 wds (70%) and participation in an approved mentor programme for at least 1 hour per week for 7 weeks

It is increasingly difficult for young people to survive in contemporary risk societies. Particularly problematic is their successful navigation of unfamiliar communities of practice manifest as organisational structures. Subsequently, mentoring has been widely adopted internationally to support young people acquire the organisation know-how essential to organisational survival. Specifically, within an educational context mentoring as theory and practice has assumed critical importance in introducing pre-service teachers to the professional practice of teaching. This unit of study examines mentoring in schools and universities and other organisational structures. Students use a range of sociological theories and constructs in order to develop a critical understanding of mentoring as professional practice.

**EDUF3032 Curriculum and Evaluation**

**Credit points:** 6  
**Teacher/Coordinator:** Professor Murray Print  
**Session:** Semester 1  
**Classes:** 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk  
**Prerequisites:** 42 credit points  
**Assessment:** 1x analysis of curriculum document (20%) and 1x seminar presentation (30%) and 1x related paper on a curriculum phenomenon (40%) and 1x on-line task (10%)

'Curruculum' can mean many things: syllabuses, curriculum documents, policies, plans for teaching by faculties and individual teachers, sets of materials and resources used as the basis for developing learning experiences for learners as well as the learning experiences themselves. In addition curriculum as process includes all of the thinking, talking and interacting between individuals and groups that are necessary to arrive at decisions that are recorded in plans and documents. Evaluation and assessment are often misunderstood concepts. Cultural, social and political influences drive decisions about who, what and how will be evaluated. Evaluation and assessment are often conflated with large scale testing regimes because they can lead to easily quantifiable results. A broader and more accurate understanding of these terms is important for all educators.
EDUF3035
Multicultural Learning and Teaching
Credit points: 6 Teacher/Coordinator: Dr Marianne Hulsbosch Session: Semester 1 Classes: 2 hrs lectures/wk for 9 wks and 3 hrs field work/wk for 3 wks and 3 hrs seminar/wk for 3 wks Prerequisites: 42 credit points Assessment: 1x 1hr critical reflective diary 2000wds (35%) and 1x essay 3000wds (50%) and 1x poster presentation 1000wds (15%)

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

EDUF3034
Australian Theatre, Film and Learning
Credit points: 6 Teacher/Coordinator: Dr Michael Anderson; Dr Kelly Freebody Session: Semester 1, Semester 2 Classes: 1x 2-hr lecture/wk and 1x 1-hr tutorial/wk for 9 weeks and 3x field trips Prerequisites: 42 credit points Assessment: 1x 1000w media review (20%) and 1x 2500w film deconstruction (40%) and 1x 2500wd theatre essay (40%)

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

EDUF3026
Global Poverty and Education
Credit points: 6 Teacher/Coordinator: Dr Elizabeth Cussity Session: Semester 2 Classes: 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk Prerequisites: 42 credit points Assessment: 1x 1hr exam (25%) and 1x 2500w essay (30%) and 1x 1250w workshop paper (25%) and 1x 750wd workshop paper (20%)

This unit of study explores relationships between education, poverty and development in the less-developed parts of the world. It acknowledges the importance of a broad-ranging view of development, including its economic, cultural and technological dimensions. The unit begins with an analysis of the impact of globalisation on poorer regions, moving to consideration of a range of theories of development and how education is viewed in them. The major part of the unit examines key issues facing educational development in poorer countries at the present time, and moves on to country and/or regional case studies, consideration of the Australian foreign aid program in education, and the role of UN agencies in educational development.

Students will be assessed on the basis of: workshop participation, examination & essay. The emphasis, in all aspects of assessment, will be on demonstrating a sound understanding of the theories developed within the unit of study and applying these to the less-developed areas of the world. The use of educational research to support students’ work, combined with a critical integration of all information used, is an integral component of the unit. The unit is especially designed for those who have an interest in developing countries, who may be teaching or writing about development issues, or who may be interested in careers in international and development education, whether in Australia or overseas.

EDUF3027
International Education
Credit points: 6 Teacher/Coordinator: Dr Nigel Bagnall Session: Semester 2 Classes: 1x 1hr lecture/wk and 1x 2-hr workshop/wk Prerequisites: 42 credit points Assessment: 2x 1000wd workshop papers (20%) and 1x workshop presentation (20%) and 1x 1hr take home exam (20%) and 1x 2000wd essay (40%)

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

EDUF3029
Psychology of Learning and Teaching
Credit points: 6 Teacher/Coordinator: Dr Paul Ginns Session: Semester 2 Classes: 2x 1-hr lecture/wk and 1x 1-hr tutorial/wk Prerequisites: 42 credit points and EDUF2006 Assessment: 1x 2-hr take home exam (30%) and 1x 2000w essay (40%) and 1x group essay (15%) and 1x group presentation (15%)

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

EDUF3030
Australian Secondary Schooling
Credit points: 6 Teacher/Coordinator: Dr Helen Proctor Session: Semester 2 Classes: 1x 1-hr lecture/wk and 1x 2hr seminar/wk for 10 wks Prerequisites: 42 credit points Assessment: 5x 700wd reading guides (30%) and 1x 2000wd essay (45%) and 1x 1hr exam (25%)

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

EDUF3036
Arts-Based Learning and Teaching
Credit points: 6 Teacher/Coordinator: Dr Marianne Hulsbosch Session: Semester 2 Classes: 2 hrs lectures/wk for 9 wks and 3 hrs field work/wk for 3 wks and 3 hrs seminar/wk for 3 wks Prerequisites: 42 credit points Assessment: 1x critical reflective diary 2000wds (35%) and 1x essay 3000wds (50%) and 1x poster presentation 1000wds (15%)

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

Candidates must complete 240 credit points of units of study comprising:

### YEAR 1
In the first year, candidates must complete 48 credit points of units of study, comprising:
- 12 credit points of Education One units of study;
- 12 credit points of Junior units of study in Mathematics as the first teaching area (the Major sequence), chosen from Science Table 1;
- 12 credit points of Junior (level 1000) units of study in a second teaching area, chosen from Science Table 1; and
- 12 credit points of Junior (level 1000) units of study, chosen from Science Table 1.
Candidates doing science as a 2nd Teaching Area must include 12 credit points of either Physics or Chemistry in the above requirements.

#### Education One Units

<table>
<thead>
<tr>
<th>Unit of Study</th>
<th>Credit Points</th>
<th>A: Assumed Knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUF1018 Education, Teachers and Teaching</td>
<td>6</td>
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<td></td>
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<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUF1019 Human Development and Education</td>
<td>6</td>
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<td></td>
<td>Semester 2</td>
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</tbody>
</table>

### YEAR 2
In the second year, candidates must complete 48 credit points of units of study, comprising:
- 12 credit points of Education Two units of study;
- 12 credit points of Curriculum and Professional Studies units of study;
- 12 credit points of Intermediate (level 2000) units of study in Mathematics as the first teaching area (the Major sequence), chosen from Science Table 1; and
- 12 credit points of Intermediate (level 2000) units of study in Mathematics or in the second teaching area, chosen from Science Table 1.

#### Education Two Units

<table>
<thead>
<tr>
<th>Unit of Study</th>
<th>Credit Points</th>
<th>A: Assumed Knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUF2006 Educational Psychology</td>
<td>6</td>
<td>P (EDUF1018 and EDUF1019) or 30 junior credit points</td>
<td></td>
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<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDUF2007 Social Perspectives on Education</td>
<td>6</td>
<td>P (EDUF1018 and EDUF1019) or 30 junior credit points</td>
<td></td>
<td></td>
<td></td>
<td>Semester 2</td>
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</table>

#### Curriculum and Professional Studies Units

<table>
<thead>
<tr>
<th>Unit of Study</th>
<th>Credit Points</th>
<th>A: Assumed Knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSE2001 Craft Knowledge and Prof Practices 1</td>
<td>6</td>
<td>P 48 credit points including 12 credit points of Education</td>
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<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE2002 Indigenous Education: Secondary Schools</td>
<td>6</td>
<td>P 42 cpts including EDUF1018 and EDUF1019 and EDSE2001</td>
<td></td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
</tbody>
</table>

### YEAR 3
In the third year, candidates must complete 48 credit points of units of study, comprising:
- 36 credit points of Curriculum and Professional Studies units of study including 24 credit points of Teaching Area units; and
- 12 credit points of Senior (level 3000) units of study in Mathematics as the first teaching area (the Major sequence) chosen from Science Table 1.

#### Curriculum and Professional Studies Units

<table>
<thead>
<tr>
<th>Unit of Study</th>
<th>Credit Points</th>
<th>A: Assumed Knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSE3072 Craft Knowledge and Prof Practices 2</td>
<td>4</td>
<td>P 72 credit points including 24 credit points of Education, EDSE2001 and two of the following:</td>
<td>EDSE3037, EDSE3038, EDSE3040, EDSE3041, EDSE3042, EDSE3043, EDSE3044, EDSE3045, EDSE3046, EDSE3047, EDSE3048, EDSE3049, EDSE3050, EDSE3051, ED8BT5610.</td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDSE3073 Professional Experience A</td>
<td>2</td>
<td>P 72 credit points including 24 credit points of Education, EDSE2001 and two of the following: EDSE3037, EDSE3038, EDSE3040, EDSE3041, EDSE3042, EDSE3043, EDSE3044, EDSE3045, EDSE3046, EDSE3047, EDSE3048, EDSE3049, EDSE3050, EDSE3051, ED8BT5610.</td>
<td></td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDUF3031 Positive Approaches to Special Education</td>
<td>6</td>
<td>P 42 credit points</td>
<td></td>
<td></td>
<td></td>
<td>Semester 1 Semester 2</td>
</tr>
</tbody>
</table>

#### Teaching Area Units

<table>
<thead>
<tr>
<th>Unit of Study</th>
<th>Credit Points</th>
<th>A: Assumed Knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSE3045 Teaching Mathematics 1A</td>
<td>6</td>
<td>P 54 credit points including 24 credit points of Education and EDSE2001 and 12 credit points of Intermediate Mathematics</td>
<td></td>
<td></td>
<td></td>
<td>Semester 1b</td>
</tr>
<tr>
<td>EDSE3046 Teaching Mathematics 1B</td>
<td>6</td>
<td>P 54 credit points including 24 credit points of Education and EDSE2001 and 12 credit points of Intermediate Mathematics</td>
<td></td>
<td></td>
<td></td>
<td>Semester 1b</td>
</tr>
<tr>
<td>EDSE3063 Teaching Mathematics 2A</td>
<td>6</td>
<td>P EDSE3045 plus 12 credit points of Intermediate Mathematics or Statistics</td>
<td></td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDSE3064 Teaching Mathematics 2B</td>
<td>6</td>
<td>P EDSE3045, EDSE3046 and 12 credit points of Intermediate Mathematics or Statistics</td>
<td></td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDSE3051 Teaching Science 1 (Core)</td>
<td>6</td>
<td>P 54 credit points including 24 credit points of Education and EDSE2001 and 12 intermediate credit points in one Science Area (either Chemistry, Biology, Geology or Physics) + 6 credit points in 2nd Science area either Chemistry, Physics, Biology or Geology.</td>
<td></td>
<td></td>
<td></td>
<td>Semester 1b</td>
</tr>
<tr>
<td>Unit of study</td>
<td>Credit points</td>
<td>A: Assumed knowledge</td>
<td>P: Prerequisites</td>
<td>C: Corequisites</td>
<td>N: Prohibition</td>
<td>Session</td>
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<tr>
<td>EDSE3068 Teaching Science 2 (Core)</td>
<td>6</td>
<td>P EDSE3051 and 12 intermediate credit points of science</td>
<td>Semester 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE3041 Teaching Geography 1</td>
<td>6</td>
<td>P 54 credit points including 24 credit points of Education including EDSE2001 and 12 Intermediate credit points of Geography</td>
<td>Semester 1b</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE3059 Teaching Geography 2</td>
<td>6</td>
<td>P EDSE3041 plus 12 intermediate credit points of geography</td>
<td>Semester 2</td>
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</tbody>
</table>

YEAR 4

In the fourth year, candidates must complete 48 credit points of units of study, comprising:
- 30 credit points of Curriculum and Professional Studies units of study including 12 credit points of teaching area units; and
- 12 credit points of Senior (level 3000) units of study in Mathematics as the first teaching area (the Major sequence) chosen from Science Table 1; and
- 6 credit points of Education Three Optional units of study.

Curriculum and Professional Studies Units

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSE4042 Craft Knowledge and Prof Practices</td>
<td>6</td>
<td>P 108 credit points including 30 credit points of Education, EDSE3073, EDSE2001, EDSE3072 and two of the following EDSE3056, EDSE3057, EDSE3058, EDSE3059, EDSE3060, EDSE3061, EDSE3062, EDSE3063, EDSE3064, EDSE3065, EDSE3071, EDSE3067, EDSE3068, EDBT5660</td>
<td>Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE4043 Professional Experience B</td>
<td>2</td>
<td>P 108 credit points including 30 credit points of Education, EDSE2001, EDSE3072, EDSE3073 and two of the following, EDSE3056, EDSE3057, EDSE3058, EDSE3059, EDSE3060, EDSE3061, EDSE3062, EDSE3063, EDSE3064, EDSE3065, EDSE3071, EDSE3067, EDSE3068, EDBT5660</td>
<td>Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE4044 Information Technology in Schools</td>
<td>4</td>
<td>P 108 credit points including 30 credit points of Education, EDSE2001, EDSE3072 and two of EDSE4021, EDSE4022, EDSE4023, EDSE4024, EDSE4025, EDSE4026, EDSE4027, EDSE4028, EDSE4029, EDSE4030, EDSE4031, EDSE4032, EDSE4033, EDSE4034, EDSE4035, EDSE4041 and EDBT6610</td>
<td>Semester 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDUF4044 Reading and Designing Research</td>
<td>6</td>
<td>P 120 credit points including EDUF2006 and EDUF2007</td>
<td>Semester 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Teaching Area Units

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDSE4028 Teaching Mathematics 3A</td>
<td>6</td>
<td>P EDSE3045 and EDSE3063</td>
<td>Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE4029 Teaching Mathematics 3B</td>
<td>6</td>
<td>P EDSE3045, EDSE3046, EDSE3063 and EDSE3064</td>
<td>Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE4035 Teaching Science 1 (Extension)</td>
<td>6</td>
<td>P 54 credit points including 24 credit points of Education and EDSE2001 and 12 intermediate credit points in one science area (either chemistry, biology, geology or physics) and 6 credit points in a second science area (either chemistry, biology, geology or physics)</td>
<td>Semester 1b</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDSE4024 Teaching Geography 3</td>
<td>6</td>
<td>P EDSE3041 &amp; EDSE3059</td>
<td>Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDGU2000 Teaching English Internally 1</td>
<td>6</td>
<td>P 144 credit points including 78 credit points of Education</td>
<td>Semester 1</td>
<td></td>
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</tr>
<tr>
<td>EDGU3000 Teaching English Internally 2</td>
<td>6</td>
<td>P 144 credit points including 78 credit points of Education</td>
<td>Semester 1</td>
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</tbody>
</table>

Honours Pathway

Candidates who are eligible for Honours must complete the 12 credit points of units of study listed below instead of EDUF4044 and one Education Three Optional unit from Year 4.

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUF4005 Research Honours A</td>
<td>6</td>
<td>Note: Department permission required for enrolment</td>
</tr>
<tr>
<td>EDUF4006 Research Honours B</td>
<td>6</td>
<td>Note: Department permission required for enrolment</td>
</tr>
</tbody>
</table>

YEAR 5

In the fifth year, candidates must complete 48 credit points of units of study, comprising:
- 24 credit points of Curriculum and Professional Studies units of study; and
- 24 credit points of units of study, including 12 credit points of Junior (level 1000) or Intermediate (level 2000) or Senior (level 3000) units, and 12 credit points of Intermediate (level 2000) or Senior (level 3000) units, chosen from Science Table 1.

Candidates who also wish to complete a science area major must complete 24 level 3000 units in this area.

Curriculum and Professional Studies Units

Candidates must complete 24 credit points of units of study from one of the following options:

Option 1

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDGU2000 Teaching English Internally 1</td>
<td>6</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDGU3000 Teaching English Internally 2</td>
<td>6</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE5008 Internship</td>
<td>6</td>
<td>Semester 1</td>
</tr>
</tbody>
</table>

Option 2

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDGU2000 Teaching English Internally 1</td>
<td>6</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDGU3000 Teaching English Internally 2</td>
<td>6</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDSE5008 Internship</td>
<td>6</td>
<td>Semester 1</td>
</tr>
<tr>
<td>Unit of study</td>
<td>Credit points</td>
<td>A: Assumed knowledge</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
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</tr>
<tr>
<td>EDSE5010 Meeting the Needs of Cultural Diversity</td>
<td>12</td>
<td>P 144 credit points including 78 credit points of Education</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C EDSE5008</td>
</tr>
<tr>
<td>EDSE5008 Internship</td>
<td>6</td>
<td>P 144 credit points including 78 of Education and (EDSE3055 or EDSE3073) and (EDSE4040 or EDSE4043)</td>
</tr>
<tr>
<td>EDUCATION THREE OPTIONAL UNITS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>for Year 4 and Year 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDUF3023 Sport: Contemporary Educational Issues</td>
<td>6</td>
<td>P 42 credit points</td>
</tr>
<tr>
<td>EDUF3028 Mentoring in Educational Contexts</td>
<td>6</td>
<td>P 42 credit points</td>
</tr>
<tr>
<td>EDUF3032 Curriculum and Evaluation</td>
<td>6</td>
<td>P 42 credit points</td>
</tr>
<tr>
<td>EDUF3035 Multicultural Learning and Teaching</td>
<td>6</td>
<td>P 42 credit points</td>
</tr>
<tr>
<td>EDUF3034 Australian Theatre, Film and Learning</td>
<td>6</td>
<td>P 42 credit points</td>
</tr>
<tr>
<td>EDUF3026 Global Poverty and Education</td>
<td>6</td>
<td>P 42 credit points</td>
</tr>
<tr>
<td>EDUF3027 International Education</td>
<td>6</td>
<td>P 42 credit points</td>
</tr>
<tr>
<td>EDUF3029 Psychology of Learning and Teaching</td>
<td>6</td>
<td>P 42 credit points</td>
</tr>
<tr>
<td>EDUF3030 Australian Secondary Schooling</td>
<td>6</td>
<td>P 42 credit points</td>
</tr>
<tr>
<td>EDUF3036 Arts-Based Learning and Teaching</td>
<td>6</td>
<td>P 42 credit points</td>
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</tbody>
</table>
Bachelor of Education (Secondary: Mathematics) and Bachelor of Science
Bachelor of Social Work

Candidates must complete 192 credit points of units of study as prescribed below.

YEAR 1

In the first year, candidates must complete 48 credit points comprising:
- 12 credit points of Social Work Core units of study
- 36 credit points of Junior Arts units of study chosen from Faculty of Arts Tables of units of study.

Social Work Core Units

SCLG1001 Introduction to Sociology 1
Credit points: 6
Teacher/Coordinator: Dr Catriona Elder/Dr Gavin Smith
Assessment: 1x500wd essay (15%), 1x1500wd essay (35%), 1x2hr exam (35%) and participation (15%)
This unit introduces students to the study of sociology through an analysis of contemporary Australian society. Using a range of sociological concepts and theories, we will analyse society in the period known as 'modernity'. Students will be encouraged to analyse existing social phenomena through the prisms of gender, sexuality, ethnicity, class, multiculturalism and indigeneity.

SCLG1002 Introduction to Sociology 2
Credit points: 6
Teacher/Coordinator: Dr Catriona Elder
Assessment: 1x1200wd essay (40%), research and data tasks (15%), tutorial participation (10%) and 1x2hr exam (35%)
Students will continue to be introduced to sociology through the analysis of contemporary society. Through a focus on the sociology of everyday life, we will explore the relationships between various social and cultural forms, institutional sites and the practices of everyday life. Topics such as fame and celebrity, fashion and consumption, globalization community and belonging will be explored.

YEAR 2

In the second year, candidates must complete 48 credit points comprising:
- 30 credit points of Social Work Core units of study
- 2 credit points of either Psychology for Social Work units
- or intermediate level Psychology units listed in the Faculty of Arts tables of units of study.
- 18 credit points of Social Work Core units of study chosen from Faculty of Arts Tables of units of study.

Social Work Core Units

SCPL2601 Australian Social Policy
Credit points: 6
Teacher/Coordinator: Dr Amanda Elliot
Assessment: 1x2hr lecture/week, 1x1 hr tutorial/week commencing week 2
Prerequisites: SCLG1001 and SCLG1002
In this unit of study Australian social policy is explored: the legal and administrative framework; relationships between the family and the state; employment, unemployment, unpaid work and welfare; the public/private mix; aged care policies, the culture of welfare state provision, indigenous policies, migration, multiculturalism and the formulation and delivery of social welfare services in Australia.

KOCR2600 Indigenous Australia: An Introduction
Credit points: 6
Teacher/Coordinator: Ms Agi O'Hara
Assessment: one 2000 word essay (40%); one tutorial presentation (10%); one 1000 word tutorial paper (20%); 2 x critical reviews (30%)
This unit of study explores the historical, social and political contexts of the survival and growth of Aboriginal and Torres Strait Islander cultures and philosophies. The unit is structured around the themes of representation and identities; the colonisation of land and people; and resistance and agency. It will provide students with an introduction to Indigenous philosophies and theories by examining 'contact history' and resistance within a critical framework.

SCWK2004 Psychology for Social Work 201
Credit points: 6
Teacher/Coordinator: Ms Agi O'Hara
Assessment: 1x 1 -hr lecture/wk and 1x 1 -hr tutorial/wk
Prerequisites: 48 junior credit points
Note: This unit is only available to students enrolled in the Bachelor of Social Work and combined Bachelor of Arts/Bachelor of Social Work degrees.
This unit of study focuses on theories and research in psychology that have most relevance to the practice of social work. Areas covered will be (i) Counselling Psychology, critically examining the theoretical foundations of counselling processes; (ii) Human Development, indicating the main patterns of development.

SCWK2005 Psychology for Social Work 202
Credit points: 6
Teacher/Coordinator: Ms Agi O’Hara
Assessment: 1x 1 -hr lecture/wk and 1x 1 -hr tutorial/wk
Prerequisites: 48 junior credit points
Note: This unit is only available to students enrolled in the Bachelor of Social Work and combined Bachelor of Arts/Bachelor of Social Work degrees.
The unit of study focuses on psychological theories and research associated with mental health and several contemporary issues of particular relevance to the practice of social work. Strategies are introduced to assist in an understanding of the complex factors involved in experiences of child abuse, domestic violence, psychosocial aspects of HIV/AIDS, suicide awareness and prevention, drug and alcohol addiction, gambling, living with mental illness, and grief.

SCWK2006 Research Skills for Social Work
Credit points: 6
Teacher/Coordinator: Dr Margot Rawsthorne
Assessment: 1x library search exercise (25%) and 1x presentation and 1000 wd essay (30%) and 1x essay (45%)
Social workers are increasingly required to understand and communicate the research base of their practice, and to become practitioner-researchers in their own right. This unit aims to help students develop an understanding of the ways social workers use research in different practice contexts: assessing community needs, formulating policies, developing new services, evaluating programs, enhancing social work practice, and developing theory. Students are introduced to quantitative and qualitative approaches and methods in social work research, in the context of specific practice fields.
including mental health, domestic violence, community development, and policy advocacy.

YEAR 3
In the third year, candidates must complete 48 credit points comprising the Social Work Core units below.

Social Work Core Units

SCWK3006 Issue Based Learning Unit 1
Credit points: 8 
Teacher/Coordinator: Dr Rosalie Pockett 
Session: Semester 1
Classes: 2x 1-hr lecture/wk and 1x 2-hr tutorial/wk. 
Prerequisites: 96 Credit points to include SCPL2601; KOCR2600; SCLG2602 or SCWK2006; Either SCWK2004 and SCWK2005 or 12 Intermediate Psychology credit points.
Corequisites: SCWK3007, SCWK3008 Assessment: 1x essay (40%) and 1x group project (40%) and 1x presentation (20%)
The title and content of the unit will be selected from the following: 
Illness, inequality and intervention; Social justice, social citizenship and social work; Caring and citizenship; the case of disability; Families, children and young people; Drugs and alcohol; the social work response.

SCWK3007 Issue Based Learning Unit 2
Credit points: 8 
Teacher/Coordinator: Dr Sue Goodwin 
Session: Semester 1
Classes: 2x 1-hr lecture/wk and 1x 2-hr tutorial/wk. 
Prerequisites: 96 Credit points to include SCPL2601; KOCR2600; SCLG2602 or SCWK2006; Either SCWK2004 and SCWK2005 or 12 Intermediate Psychology credit points.
Corequisites: SCWK3006, SCWK3007 Assessment: 1x In-class exam (35%) and 1x tutorial presentation (25%) and 1x essay (40%)
The title and content of the unit will be selected from the following: 
Illness, inequality and intervention; Social justice, social citizenship and social work; Caring and citizenship; the case of disability; Families, children and young people; Drugs and alcohol; the social work response.

SCWK3008 Professional Practice
Credit points: 8 
Teacher/Coordinator: Ms Denise Lynch 
Session: Semester 1
Classes: 1x 1-hr lecture/wk and 1x 3-hr workshop/wk. 
Prerequisites: 96 Credit points to include SCPL2601; KOCR2600; SCLG2602 or SCWK2006; Either SCWK2004 and SCWK2005 or 12 Intermediate Psychology credit points.
Corequisites: SCWK3006, SCWK3007 Assessment: 1x letter/report (10%) and 1x assessment report (45%) and 1x take home exam (45%)
This unit of study addresses the theory-practice relationship and provides students with opportunities to engage with reflexive practice. It provides an introduction to the diversity of the professional practice of social work and aims to develop the capability of students to practise generic skills in social work practice and policy. There is an emphasis on understanding social work values and the fundamentals of ethical practice.
Students are encouraged to recognise and build upon skills and knowledge they already have, and to develop their capabilities for acquiring further knowledge and skills.

SCWK3009 Field Education 1
Credit points: 24 
Teacher/Coordinator: Professor Barbara Fawcett 
Session: Semester 2
Classes: 1x 2-hr tutorial/fortnight and 60 days placement. 
Prerequisites: SCWK3006, SCWK3007, SCWK3008 Prohibitions: SCWK3010, SCWK3011 Assessment: 1x learning portfolio (60%) and 1x small group activity (20%) and 1x essay (20%) and 60 day placement (pass/fail)
This unit is compulsory, full time field education practice of 60 days. In negotiation with the field educator, students produce a learning plan that sets out what they expect to learn, how this learning will happen and how, with their field educator, they will monitor and evaluate their learning. In addition, students attend fortnightly placement classes and peer support and accountability groups. These provide a forum in which to explore issues concerning the integration of practice and theory, as well as opportunities for support and consultation with other students and social work staff. Written assignments and oral presentations allow students to demonstrate their placement learning.

YEAR 4
In the fourth year, candidates must complete 48 credit points comprising the Social Work Core units below.

Social Work Core Units

SCWK4003 Issue Based Learning Unit 3
Credit points: 9 
Teacher/Coordinator: Dr Lesley Laing 
Session: Semester 1
Classes: 4-hrs of lectures/wk over 5 weeks and 8-hrs of tutorials/wk over 5 weeks. 
Prerequisites: SCWK3005 or (SCWK3010 and SCWK3009); SCWK3006; SCWK3007; SCWK3008 Assessment: 1x in-class essay (15%) and 1x group development and presentation of a research proposal (35%) and 1x class participation statement (10%) and 1x essay (40%)
Note: Department permission required for enrolment in the following sessions: Semester 2.
Note: Classes commence Monday 14th February
This unit is the third of a sequence of four Issue Based Learning units. It is of five weeks duration and is intended to develop further students’ capabilities in the transfer of knowledge and independent work. It builds on the knowledge and skills gained in Field Education I and includes preparation for Field Education 2A & 2B.

SCWK4005 Field Education 2A
Credit points: 15 
Session: Semester 1b, Semester 2
Classes: 1x 2-hr tutorial/fortnight 
Prerequisites: SCWK4003 Assessment: This unit is jointly assessed with SCWK4006 or SCWK4007. The assessment of these units will be: 1 learning plan (20%), 1 small group activity (20%), 1 skills activity (20%), 1 learning portfolio (40%) and 80 day placement (pass/fail)
Note: Department permission required for enrolment in the following sessions: Semester 2.
This is the first part of a full time field education practicum of 80 days. In negotiation with the field educator, students produce a learning plan that sets out what they expect to learn, how this learning will happen and how, with their field educator, they will monitor and evaluate their learning. In addition, students attend fortnightly placement classes and peer support and accountability groups. These provide a forum in which to explore issues concerning the integration of practice and theory, as well as opportunities for support and consultation with other students and social work staff. Written assignments and oral presentations allow students to demonstrate their placement learning. Those students on placement outside the Sydney metropolitan area participate in weekly online classes and make a presentation at the end of placement.

SCWK4006 Field Education 2B
Credit points: 9 
Session: Semester 1, Semester 2a 
Classes: 1x 2-hr tutorial/fortnight 
Prerequisites: SCWK4005 Prohibitions: SCWK4007, SCWK4008 Assessment: This unit is jointly assessed with SCWK4005. The assessment of these units will be: 1 learning plan (20%), 1 small group activity (20%), 1 skills activity (20%), 1 learning portfolio (40%) and 80 day placement (pass/fail)
Note: Department permission required for enrolment in the following sessions: Semester 1.
Field Education 2B is the continuation of Field Education 2A.

SCWK4004 Issue Based Learning Unit 4
Credit points: 9 
Session: Semester 1, Semester 2a 
Classes: 4-hrs of lectures/wk over 5 weeks and 8-hrs of tutorials/wk over 5 weeks. 
Prerequisites: SCWK4003; SCWK4005 Corequisites: SCWK4002, SCWK4006 Assessment: 1x group project and presentation (40%) and 1x essay (60%)
Note: Department permission required for enrolment in the following sessions: Semester 1.
This unit is the fourth of a sequence of four Issue Based Learning units. It is of five weeks duration and is intended to develop further students’ capabilities in the transfer of knowledge and independent
work. It builds on the knowledge and includes skills gained in Field Education 2A and 2B.

SCWK4002
Integrative Studies 402
Credit points: 6 Teacher/Coordinator: Dr Lesley Laing Session: Semester 2b Classes: 4x 2-hr lecture/wk over 4 weeks and 2x 2-hr tutorials over 4 weeks Prerequisites: SCWK4003; SCWK4005 Corequisites: SCWK4004, SCWK4006 Assessment: 1x journal article (100%)

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

Honours Pathway
In the third year, candidates who have been admitted to the Honours program must complete SCWK3009 and SCWK3010 instead of the unit SCWK3005. In the fourth year, candidates who have been admitted to the Honours program must complete SCWK4007 and SCWK4008 instead of the unit SCWK4006.

SCWK3009
Social Work Preliminary Honours
Credit points: 6 Teacher/Coordinator: Dr Ruth Phillips Session: Semester 2 Classes: 1x 3-hr seminar/wk Prerequisites: SCWK3006, SCWK3007 and SCWK3008 Corequisites: SCWK3010 Prohibitions: SCWK3005 Assessment: 1x literature review (40%) and 1x writing qualitative questions (20%) and 1x using secondary data exercise (10%) and 1x focus group exercise (10%) and 1x Ellis Application essay (20%) Note: Department permission required for enrolment.

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

SCWK3010
Field Education 1 Honours
Credit points: 18 Teacher/Coordinator: Professor Barbara Fawcett Session: Semester 2 Classes: 1x 2-hr tutorial/fortnight Prerequisites: SCWK3006, SCWK3007 and SCWK3008 Corequisites: SCWK3009 Prohibitions: SCWK3005 Assessment: 1x learning portfolio (60%) and 1x small group activity (20%) and 1x essay (20%) and 60 day placement Note: Department permission required for enrolment.

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

SCWK4007
Field Education 2B Honours
Credit points: 3 Session: Semester 2 Classes: 1x 2-hr tutorial/fortnight Prerequisites: SCWK3009, SCWK3010, SCWK4003 and SCWK4005 Corequisites: SCWK4002 and SCWK4004 Prohibitions: SCWK4006 Assessment: This unit is jointly assessed with SCWK4005. The assessment of these units will be: 1 learning plan (20%), 1 small group activity (20%), 1 skills activity (20%), 1 learning portfolio (40%) and 80 day placement (pass/fail) Note: Department permission required for enrolment.

Field Education 2B Honours is the continuation of Field Education 2A.
Bachelor of Social Work

Candidates must complete 192 credit points of units of study as prescribed below.

YEAR 1
In the first year, candidates must complete 48 credit points comprising:
- 12 credit points of Social Work Core units of study listed below.
- 36 credit points of Junior Arts units of study chosen from Faculty of Arts Tables of units of study.

Social Work Core Units

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>Assumed knowledge</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Prohibition</th>
<th>Session</th>
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<tbody>
<tr>
<td>SCLG1001 Introduction to Sociology 1</td>
<td>6</td>
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</table>

YEAR 2
In the second year, candidates must complete 48 credit points comprising:
- 30 credit points of Social Work Core units of study, including 12 credit points of either Psychology for Social Work units, or intermediate level Psychology units listed in the Faculty of Arts tables of units of study.
- 18 credit points of Senior Arts units of study chosen from Faculty of Arts Tables of units of study.

Social Work Core Units

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<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>Assumed knowledge</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Prohibition</th>
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<tr>
<td>SCPL2601 Australian Social Policy</td>
<td>6</td>
<td>P SCLG1001 and SCLG1002</td>
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<td>KOCR2600 Indigenous Australia: An Introduction</td>
<td>6</td>
<td>P 18 Junior credit points</td>
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<tr>
<td>SCWK2004 Psychology for Social Work 201</td>
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<td>SCWK2006 Research Skills for Social Work</td>
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YEAR 3
In the third year, candidates must complete 48 credit points comprising the Social Work Core units below.

Social Work Core Units

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<th>Unit of study</th>
<th>Credit points</th>
<th>Assumed knowledge</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Prohibition</th>
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<tbody>
<tr>
<td>SCWK3006 Issue Based Learning Unit 1</td>
<td>8</td>
<td>P 96 Credit points to include SCPL2601; KOCR2600; SCLG2602 or SCWK2006; Either SCWK2004 and SCWK2005 or 12 intermediate Psychology credit points.</td>
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<td>SCWK3007 Issue Based Learning Unit 2</td>
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<td>Semester 1</td>
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<tr>
<td>SCWK3008 Professional Practice</td>
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<td>Semester 1</td>
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<td>SCWK3005 Field Education 1</td>
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<td>P SCWK3005, SCWK3007, SCWK3008</td>
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<td>Semester 2</td>
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YEAR 4
In the fourth year, candidates must complete 48 credit points comprising the Social Work Core units below.

Social Work Core Units

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<th>Unit of study</th>
<th>Credit points</th>
<th>Assumed knowledge</th>
<th>Prerequisites</th>
<th>Corequisites</th>
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<th>Session</th>
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<tbody>
<tr>
<td>SCWK4003 Issue Based Learning Unit 3</td>
<td>9</td>
<td>P SCWK3005 or (SCWK3010 and SCWK3009); SCWK3006; SCWK3007; SCWK3008</td>
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<td>SCWK4006 Field Education 2B</td>
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<td>SCWK4004 Issue Based Learning Unit 4</td>
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<td>SCWK4002 Integrative Studies 402</td>
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<td>SCWK4004, SCWK4006</td>
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Honours Pathway
In the third year, candidates who have been admitted to the Honours program must complete SCWK3009 and SCWK3010 instead of the unit SCWK3005.
In the fourth year, candidates who have been admitted to the Honours program must complete SCWK4007 and SCWK4008 instead of the unit SCWK4006.
<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>Assumed knowledge</th>
<th>Prerequisites</th>
<th>Corequisites</th>
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<th>Session</th>
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<tr>
<td>SCWK3009 Social Work Preliminary Honours</td>
<td>6</td>
<td>P SCWK3006, SCWK3007 and SCWK3008</td>
<td>C SCWK3010</td>
<td>N SCWK3005</td>
<td>Note: Department permission required for enrolment</td>
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<td>SCWK3010 Field Education 1 Honours</td>
<td>18</td>
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<td>C SCWK3009</td>
<td>N SCWK3005</td>
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<tr>
<td>SCWK4007 Field Education 2B Honours</td>
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<td>N SCWK4006</td>
<td>Note: Department permission required for enrolment</td>
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<tr>
<td>SCWK4008 Social Work Research Dissertation</td>
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<td>N SCWK4006</td>
<td>Note: Department permission required for enrolment</td>
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Exchange Units of Study

Education Exchange Units

Year 2

EDUF2553
Education Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

Year 3

EDUF3553
Education Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

EDUF3554
Education Exchange
Credit points: 24  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

EDUF3556
Education Exchange
This unit of study is not available in 2011
Credit points: 24  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

Year 4

EDUF4553
Education Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

Year 5

EDUF5556
Education Exchange
Credit points: 24  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

Social Work Exchange Units

SCWK4009
Social Work Exchange
Credit points: 24  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.
## Exchange Units of Study

### Education Exchange Units

**Year 2**

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<th>Unit of Study</th>
<th>Credit Points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
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**Year 3**

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<th>C: Corequisites</th>
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**Year 4**

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<th>Unit of Study</th>
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<th>C: Corequisites</th>
<th>N: Prohibition</th>
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**Year 5**

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<th>Unit of Study</th>
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<th>A: Assumed knowledge</th>
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<th>C: Corequisites</th>
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<tbody>
<tr>
<td>EDUF5556 Education Exchange</td>
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<td></td>
<td>Note: Department permission required for enrolment</td>
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### Social Work Exchange Units

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This unit will investigate the global connectedness of the United States and how this relates to the core values and interests that define America. The primary focus will be on the United States in the 21st global century. The pedagogical aim of this unit is to provide students with analytical frames to understand the most important issues in contemporary American literature, culture, politics, society and the economy, and how they are affected by and affect the world outside the US.

**AMST2601**

**American Foundations**

**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 2x1-hr lectures/week, 1x1-hr tutorial/week  
**Prerequisites:** 12 junior level credit points in the departments of English, and/or History and/or Art History and Film, in the Faculty of Arts  
**Assessment:** 1x1000wd essay (45%), 1x2000wd essay (45%), 1x1500wd take-home exam (30%) and tutorial participation (10%)

This unit introduces students to the contradictory richness of ‘Americanness’ from an interdisciplinary standpoint and prepares them for the Major in American Studies. It is divided into different modules, each addressing a core national myth. We will approach each module from a variety of angles: historiographical, literary and visual, opening lines of interrelation between historical and imaginary forms in the construction and ongoing redefinition of the United States. In 2011 this unit will include a module that involves collaboration with students and staff at the University of North Carolina, Chapel Hill.

**USSC1010**

**America: Rebels, Heroes & Renegades**

**Credit points:** 6  
**Session:** Summer Late  
**Classes:** Please consult Department.  
**Assessment:** class participation (10%), 1x2000wd journal (25%), 1x1500wd character profile (25%) and 1x2000wd research essay (40%)  
**Note:** This unit is available to year 11 students only.

This unit introduces students to the complexity and diversity of the United States. The course views the historical and contemporary U.S. through the lens of its influential rebels, heroes, and renegades: female and male, ordinary and extraordinary, political and cultural, known and unsung. By studying these people, we can gain insight into how the U.S. has become such a powerful global force.

**USSC2602**

**Introduction to US Politics**

**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1x1.5-hr lecture/week, 1x1-hr tutorial/week  
**Prerequisites:** 18 junior credit points  
**Assessment:** class participation (10%), 1x2000-2500wd essay (45%), 1x2hr exam (45%)

America has often been described as a culturally backward, unsophisticated and uncouth nation with American politics frequently viewed as populist and anti-intellectual. In contrast America has also been viewed as a haven from the Old World and as an exceptional nation. This unit will explore the origins and development of both these negative and positive opinions of America. It will also examine how these stereotypes impact on America's foreign relations with Europe, the Middle East and Australia.

**AMST2801**

**American Studies Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

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

**AMST2802**

**American Studies Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**See AMST2801**

**AMST2803**

**American Studies Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**See AMST2801**

**AMST2804**

**American Studies Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**See AMST2801**
AMST2805
American Studies Exchange
Credit points: 6  
Session: Semester 1, Semester 2  
Note: Department permission required for enrolment.  
See AMST2801

AMST2806
American Studies Exchange
Credit points: 6  
Session: Semester 1, Semester 2  
Note: Department permission required for enrolment.  
See AMST2801

Ancient History

ANHS1600
Foundations for Ancient Greece
Credit points: 6  
Session: Semester 1  
Classes: two 1 hour lectures and one 1 hour tutorial per week  
Prohibitions: ANHS1003  
Assessment:  
ANHS1005 Assessment: one 500 word exercise (10%), participation (15%), one 1500 word research exercise (40%) and one 2 hour exam (30%)  
From Spain to Turkey, from Britain to Africa, ancient Rome has left physical and cultural reminders of its role as ancient superpower. This unit of study will introduce you to the study of ancient Greek history and culture and provides a springboard for further studies in history, archaeology and literature. It is informed by a cross-disciplinary approach that combines a variety of perspectives to achieve a holistic view of the ancient world.  
Textbooks  

ANHS1601
Foundations for Ancient Rome
Credit points: 6  
Session: Semester 2  
Classes: two 1 hour lectures and one 1 hour tutorial per week  
Prohibitions: ANHS1004, ANHS1005  
Assessment: one 500 word exercise (10%), participation (15%), one 1500 word research exercise (40%) and one 2 hour exam (35%)  
Stories about Greek and Roman gods, heroes, and monsters occupy an important place in Western culture. Greco-Roman mythology is the fount of inspiration for masterpieces of art, music, and literature. It is informed by a cross-disciplinary approach that combines a variety of perspectives to achieve a holistic view of the ancient world.  
Textbooks  

ANHS1602
Greek and Roman Myth
Credit points: 6  
Session: Semester 1  
Classes: 1x2 hour lecture and 1x1 hour tutorial per week  
Prohibitions: CLCV1001  
Assessment: tutorial quizzes (15%), tutorial participation (10%), 1x1500 word written assignment (35%), and 1x2 hour exam (40%)  
Greco-Roman historiography remains a central object of inquiry for students of the ancient world. This unit examines samples of Greco-Roman historiography in light of their original contexts and of modern approaches. Topics will include: Why did the ancients invent and how did they exploit literary representations of the past? What were their methods and their criteria for ascertaining historical truths? How was history implicated in Greco-Roman literature and in Greco-Roman culture? How can modern historiographical theories illuminate ancient practices?  
Textbooks  

ANHS2603
Ancient Greek Democracies
Credit points: 6  
Session: Semester 1  
Classes: 2x1 hour lectures and 1x1 hour tutorial per week  
Prohibitions:  
ANHS2003 Assessment: 1x2 hour exam (40%), 1x2500 word class paper (50%) and participation (10%)  
This unit studies the rise and working of democracy in ancient Greece, examining Athens from the time of Solon through the fifth century and into 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 the elite and the "forgotten people", such as women and slaves, will be considered.

ANHS2605
Ancient Greek Religion
Credit points: 6  
Session: Semester 2  
Classes: 2x1 hour lectures and 1x1 hour tutorial per week  
Prohibitions:  
ANHS2605 Assessment: 1x2000 word class paper (40%), 1x2 hour exam (30%), 1x500 word reading journal (15%) and participation (15%)  
This unit explores Greek religion as a defining feature of what it meant to be Greek. We will investigate similarities and differences between religious beliefs and practices throughout the ancient Greek world and trace how religion changed over time. Topics addressed include sacrifice, religious festivals and games, the use (and abuse) of divination, and shared notions of purity and pollution.

ANHS2610
SPQR: The Senate and the People of Rome
Credit points: 6  
Session: Semester 2  
Classes: 2x1 hour lectures and 1x1 hour tutorial per week  
Prohibitions:  
ANHS2610 Assessment: 1x2000 word class paper (40%), 1x500 word assessment task (10%), participation (10%) and 1x2 hour exam (40%)  
What kind of society produced the Roman Republic? How did its political institutions develop and to what extent were they unique? How did they stand up to the pressures of external threat, social change, internal dissention and the impact of empire? We will study the partnership of senate and people from 287 to 88BC and ask the Romans whether a society always gets the politicians it deserves.

ANHS2612
Historiography Ancient and Modern
Credit points: 6  
Session: Semester 1  
Classes: 1x2 hour lecture and 1x1 hour tutorial per week  
Prohibitions:  
ANHS2612 Assessment: 1x2000 word class paper (40%), 1x2 hour exam (30%), 1x500 word reading journal (15%) and participation (15%)  
Greco-Roman historiography remains a central object of inquiry for students of the ancient world. This unit examines samples of Greco-Roman historiography in light of their original contexts and of modern approaches. Topics will include: Why did the ancients invent and how did they exploit literary representations of the past? What were their methods and their criteria for ascertaining historical truths? How was history implicated in Greco-Roman literature and in Greco-Roman culture? How can modern historiographical theories illuminate ancient practices?

ANHS2617
Love, Sex and Poetry in Ancient Rome
Credit points: 6  
Session: Semester 1  
Classes: 2x1 hour lectures and 1x1 hour tutorial per week  
Prohibitions:  
ANHS2617 Assessment: 1x1000 word tutorial paper (20%), 1x1500 word essay (30%), 1x2 hour exam (40%) and tutorial participation (10%)  
Sexy and subversive, playful and political: Roman love poetry is the focus of this literature-in-translation unit. In the late Republic and early Empire, the Roman world underwent drastic change: erotic poetry flourished, exploring the complexities of masculinity and the power of tradition. Close reading of selected works by poets such as Ovid, Catullus, Propertius and Tibullus uncovers the interpenetration of
Ancient History Exchange
ANHS2806
Note: Department permission required for enrolment.

Ancient History Exchange
ANHS2805
Note: Department permission required for enrolment.

Ancient History Exchange
ANHS2804
Note: Department permission required for enrolment.

ANC6101
Note: Department permission required for enrolment.

A world descending into chaos. This unit explores in detail how a society often erroneously dismissed as a period of decline and fall.

ANHS2619
The World of Ancient Epic
Credit points: 6
Session: Semester 2
Classes: 2x1 hour lectures and 1x1 hour tutorial per week
Prerequisites: 12 junior credit points of Ancient History, Greek (Ancient), Latin or History or 6 junior credit points of Ancient History or History or Asian Studies OR 6 junior credit points of Ancient History or History or Asian Studies
Assessment: 1x2500 word essay (50%), 1x2 hour exam (40%), tutorial participation (10%)

Ancient epic helped shape the European cultural imagination. These masterpieces treat issues of universal concern: life, death, love, war, fate, the supernatural, and journeys of experience. Homer's Iliad and Odyssey are both entertaining and serious explorations of social values. Vergil's Aeneid recounts the foundations of Rome, and considers the individual's plight amid unstoppable historical and supernatural forces. Lucan's Civil War presents a disturbing vision of a world descending into chaos. This unit explores in detail these brilliant and influential poems.

ANHS3611
Research Issues in Roman Studies
Credit points: 6
Session: Semester 1, Summer Main
Classes: 2x1 hour lectures per week
Prerequisites: Credit average in 18 senior credit points of Ancient History, Classical Studies, History, Latin, Greek (Ancient), Archaeology including ANHS2691 or HSTY2691
Assessment: 1x6000 word research essay (100%)

This seminar offers an introduction to advanced research design and techniques in Roman history and culture, including library resources and technology. You will undertake a detailed study of a topic relevant to Roman studies selected by your teacher. Your research paper will treat an aspect of that topic chosen by you with advice from your teacher and your class.

ANHS1801
Ancient History Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ANHS2810
Ancient History Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ANHS2811
Ancient History Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

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

The Honours program in Ancient History consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for two hours for one semester.
The thesis should be of 18,000-20,000 words in length. Each seminar requires 6,000 words of written work or its equivalent.
The thesis is worth 50% of the final Honours mark and each of the seminars is worth 25%.
The following seminars are on offer in 2011:
Revisiting Delphi: Oracles and the Oracular from Antiquity to the Present (Dr Julia Kindt)
The Mediterranean World 51-30BC (Dr Kathryn Welch)
For more information, contact Dr Alastair Blanshard, Honours coordinator.

ANHS4014
Ancient History Honours D
Credit points: 12
Session: Semester 1, Semester 2
Prerequisites: Refer to ANHS4011
Corequisites: ANHS4013
Assessment: Refer to ANHS4011
Refer to ANHS4011

Anthropology
ANTH1001
Cultural Difference: An Introduction
Credit points: 6
Session: Semester 1, Summer Late
Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2
Prohibitions: ANTH1003
Assessment: 1x1000wd essay (15%), 1x1500wd essay (30%), 1x2hr exam (40%) and tutorial participation (15%)

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

Textbooks readings will be available at the University Copy Centre.
ANTH1002
Anthropology and the Global
Credit points: 6 Session: Semester 2 Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2
Prohibitions: ANTH1004 Assessment: 1x2500wd essay (45%), 1x2hr exam (45%) and tutorial participation (10%)

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

Textbooks
Readings will be available at the University Copy Centre

ANTH2601
The Ethnography of Southeast Asia
Credit points: 6 Session: Semester 1 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2
Prohibitions: 12 Junior credit points from Anthropology Assessment: 1x1000wd essay (35%), 1x3000wd take-home exam (50%) and tutorial participation (15%)

Southeast Asia comprises a broad spectrum of social and ecological landscapes, from primate cities to primary forests. This unit of study examines how humans have made meaningful lives in these contexts in terms of productive activities, social units, political formations and cultural representations. This unit also examines the various approaches anthropologists have used for the task of conceptualising of and writing about these.

Textbooks
Readings available from the University Copy Centre

ANTH2606
Culture and the Unconscious
Credit points: 6 Session: Semester 1 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2
Prohibitions: 12 Junior credit points from Anthropology Assessment: 1x3500wd essay (70%) and 1x2hr exam (30%)

This is a unit on psychoanalytic anthropology. With the focus on the unconscious dimension of human cultural existence the unit critically examines the systematic topical, theoretical, ethnographic and historical aspects of this unique field of anthropological inquiry. All psychoanalytic conceptual frameworks are elucidated and assessed through ethno-psychoanalytic work done in different cultural life-worlds. Firmly grounded in detailed ethnographic evidence the unit provides a comprehensive phenomenological-existent validation of the discipline and its contribution to both anthropology and psychoanalysis.

Textbooks
Readings available from the University Copy Centre

ANTH2623
Gender: Anthropological Studies
Credit points: 6 Session: Semester 1, Summer Late Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week commencing week 2
Prohibitions: 12 Junior credit points of Anthropology Prohibitions: ANTH2020, ANTH2023 Assessment: 1x2000wd essay (40%), 1x1.5hr exam (35%), 1x1000wd essay (15%) and tutorial participation (10%)

This unit explores the social and cultural dimensions of gender and sexuality in non-western societies. The main focus is the body in two interrelated senses. Firstly, how the body is culturally constructed by giving aspects of gender and sexuality meanings that do not simply reflect biology. Secondly, how bodies are socially constructed, for example through ritual. The relations of the dimensions of the body to the articulation of power and social change are also considered.

Textbooks
Readings available from the University Copy Centre

ANTH2625
Culture and Development
Credit points: 6 Session: Semester 1 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2
Prohibitions: 12 Junior credit points from Anthropology Assessment: 1x1500wd essay (45%), 1x2500wd essay (45%) and tutorial participation (10%)

Development is the tension between new forms of wealth, human wants and structures of inequality generated by capital; the attempts through state and international political and legal systems to control that process; and the specificity of the local social systems they seek to ‘develop’. This unit compares the variety of local forms of this process in colonial, post-colonial, third- and fourth world settings. Key themes include: resource politics, religion, the politics of the family, ethnicity, corruption and contemporary violence.

ANTH2627
Medical Anthropology
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week commencing week 2
Prohibitions: 12 Junior credit points from Anthropology Assessment: 1x1000wd essay (30%), 1x3000wd take-home exam (60%) and tutorial participation (10%)

Medical anthropology is a comparative and ethnographic response to the global influence of biomedicine within diverse cultural worlds. This unit will examine major theoretical approaches, their respective critiques, and the methods that underpin them. Concepts such as ‘health/illness’, ‘disease’, ‘well-being’, ‘life-death’, and ‘body/mind’ will be located in a variety of cultural contexts and their implications for different approaches to diagnosis and treatment considered. The unit will include culturally located case studies of major contemporary health concerns such as AIDS.

Textbooks
Readings available from the University Copy Centre

ANTH2628
Migration and Migrant Cultures
Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2
Prohibitions: 12 Junior credit points from Anthropology Assessment: 1x2500wd essay (45%), 1x1500wd take-home exam (40%) and debate participation (15%)

This unit of study examines human migration and settlement from an anthropological perspective. It is framed by three general and connecting themes: (a) anthropology’s turn from bounded cultures to the study of movement and contested identities; (b) the role of migration in transnational relations with a focus on middle and late modernity; and (c) the relation between the growth of migration populations and race relations, especially as this has unfolded in Australia.

Textbooks
Readings available from the University Copy Centre

ANTH2629
Race and Ethnic Relations
Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2
Prohibitions: 12 Junior credit points from Anthropology Assessment: ANTH2117 Assessment: 1x1000wd essay (15%), 1x2000wd essay (40%) and 1x1.5hr exam (35%) and tutorial participation (10%)

A comparative study of race and ethnic group relations. The unit will consider the history of ideas of ‘race’ and practices of racialising and their relationship to ethnicity. It will draw on studies from various areas including North America, the Caribbean, Japan and Australia.

Textbooks
Reading lists will be available at the beginning of lectures

ANTH2630
Indigenous Australians and Modernity
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week commencing week 2
Prohibitions: 12 Junior credit points from Anthropology Assessment: 1x2000wd essay (35%), 2x250wd assignments (20%), 1x2hr exam (35%) and tutorial participation (10%)

Australian Aboriginal peoples have always engaged with the ‘modern world’ but Enlightenment ideas established a colonial context juxtaposing modernity with tradition. Indigenous difference was locked into past-oriented, static and small scale traditions. The unit examines some key concepts of modernity, including progress, civility, change,
tradition - and modernity itself - so as to shed light on Australian Indigenous people's experiences, past and present, as colonial subjects. The unit will explore Aboriginal engagement with, for instance, work, vehicles, the law, and the arts (painting, music etc) as practices through which Aboriginal people have sought 'alternative modernities'.

Textbooks
readings will be available at the University Copy Centre

ANTH2631
Being There: Method in Anthropology
Credit points: 6 Session: Semester 2 Classes: 1x1hr lecture/week, 1x2hr tutorial/week Prerequisites: 12 Junior credit points from Anthropology Assessment: 1x1500wd essay (30%) and 1x3000wd fieldwork-based project (60%) and tutorial participation (10%)

Anthropology's distinctive method, termed ethnography, is grounded in long term participation in the cultural contexts that anthropologists describe and analyse. This unit explores the disciplined but open nature of anthropological research and the radically contextual modes of interpretation that are embedded in the lives of its subjects. Issues include: the history of the method; the diverse situations in which anthropologists practice: the way that fieldwork experience shapes the method. Students will devise and report on their own project.

Textbooks
readings will be available at the University Copy Centre

ANTH2653
Economy and Culture
Credit points: 6 Session: Semester 1 Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2 Prerequisites: 12 Junior credit points from Anthropology Assessment: 1x2500wd essay (60%) and 1x2hr exam (40%)

Economic anthropology teaches that there are different kinds of economy, grounded in different forms of value (gift, commodity) and on different rationalities (kinship, chiefly, market). The nature of these differences is explored through ethnographic studies, as are the conflicts that arise from their articulation within a global system. Characterisations of economic practice are as corrupt, irrational, informal, black, profit as the work of the devil, money as bitter are treated as signs of such systemic conflict.

Textbooks
reading lists will be available at the beginning of semester

ANTH2655
The Social Production of Space
Credit points: 6 Session: Semester 1 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: 12 Junior credit points from Anthropology Prohibitions: ANTH3911 Assessment: 1x3000wd essay (50%), 1x1.5hr exam (35%) and tutorial presentation/participation (15%)

Space/place appears in anthropology as both a product of historically specific social practice and as an irreducible dimension of any social formation. This theoretical tension will be explored through examination of such themes as: the contradiction between the global as abstract space and the local as qualitatively distinct place; struggles over the definition and control of space; space/time as an aspect of any world; centre/periphery and inside/outside as pervasive tropes of social analysis.

Textbooks
reading lists will be available at the beginning of lectures

ANTH2666
History of Anthropological Thought
Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: 12 Junior credit points from Anthropology Prohibitions: ANTH2501 Assessment: 1x2000wd essay (35%) and 1x2500wd essay (65%) This unit surveys the key thinkers, theories and ethnographic researches that have shaped the historical development of anthropological thought. The central focus is on the interrelationships and differences between the Continental, British and American thinkers and lineages set against the backdrop of general ideas that defined the Western world-views of the last two centuries. This historical trajectory is systematically referred to its much longer tradition of critical thought and coordinated with the topics and debates in contemporary anthropological discourses.

Textbooks
readings will be available at the University Copy Centre

ANTH3601
Contemporary Theory and Anthropology
Credit points: 6 Session: Semester 1 Classes: 1x1hr lecture/week, 1x1hr seminar/week Prerequisites: 12 Senior credit points from Anthropology at credit level or above Prohibitions: ANTH3921, ANTH3922 Assessment: 1x2500wd essay (40%) and 1x3500wd essay (60%)

This honours preparation unit will assist students to define their objectives in anthropology and anticipate their honours year through: 1) exploring key concepts of anthropological analysis and critique, 2) increasing their knowledge of the ethnographic method and its contemporary challenges, 3) developing library research skills and experience in formulating a research project.

Textbooks
reader will be available at the University Copy Centre

ANTH3602
Reading Ethnography
Credit points: 6 Session: Semester 2 Classes: 1x2hr seminar/week Prerequisites: 12 Senior credit points from Anthropology at credit level or above Prohibitions: ANTH3611, ANTH3612, ANTH3613, ANTH3614 Assessment: 2x3000wd essays (100%)
Note: this unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program

Ethnography is grounded on the 'participant observation' of social practice and the interpretation of values and experience in particular social contexts. It makes the strange familiar, and the familiar strange. This unit will focus on the relationship between research methods and design and the development of regionally and thematically specific debates in anthropology.

ANTH1801
Social Anthropology Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

ANTH1802
Social Anthropology Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

ANTH2804
Social Anthropology Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

ANTH2805
Social Anthropology Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

ANTH2806
Social Anthropology Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

ANTH2810
Social Anthropology Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

ANTH2811
Social Anthropology Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.
ANTH4011
Social Anthropology Honours A
Credit points: 12 Session: Semester 1, Semester 2
Classes: two seminars, each seminar meets weekly for 2-3 hours during semester one
Prerequisites: 48 senior credit points in Anthropology with at least a credit average grade. Units must include ANTH3601 and ANTH3602. Requirements for the Pass degree must be completed before entry to level 4000 honours units of study.
Corequisites: ANTH4012, ANTH4013, ANTH4014 Assessment: a thesis of 18000-20000 words and 6000 words of written work or its equivalent for each seminar
Note: Department permission required for enrolment.

The Honours program in Anthropology consists of:
1. a thesis written under the supervision of one member of academic staff
2. two seminars that meet weekly for 2-3 hrs each in Semester 1
3. written and oral exercises (equivalent to 800wds) (20%), 1x2.5hr exam (equivalent to 2000wds) (50%), class participation (5%)

Prerequisites:
6 Arabic Introductory 2B
ARBC1311, ARBC1101, or ARBC1611

This unit aims to strengthen students' listening, speaking, reading and writing skills in living Arabic. Emphasis will be on building up communicative ability as well as extending the vocabulary and language structures through realistic dialogues and story lines in modern standard and educated every-day Arabic. Morphology and syntax of Arabic are gradually introduced in context through a structured method of progression, using realistic patterns, exercises and drills, rather than formal grammar. On completion of this unit, students progress to ARBC2613.

Textbooks
Nijmeh Hajjar, Living Arabic in Context: Arabic for Beginners, Stage 2, Sydney, 2004 (consult the department for textbook and audio CDs)

ARBC2613
Arabic Language and Literature 3B
Credit points: 6 Session: Semester 1
Classes: 4x1-hr seminars/week
Prerequisites: ARBC1311, ARBC1312, ARBC2633, ARBC2634, ARBC2613 Assessment: 1x2.5hr exam (equivalent to 2000wds) (50%), written and oral exercises (equivalent to 800wds) (20%), 1x2.5hr mid-semester exam (25%), class participation (5%)

This unit aims to extend students' language skills in Arabic and enable them to appreciate Arabic literary texts. Students will be able to build up their communicative ability and extend their knowledge of modern Arabic vocabulary and structures, through realistic dialogues and class activity, including role-playing. They will be introduced to modern Arabic literature through reading and discussing selected texts by prominent authors, in their societal context. On completion of this unit, students progress to ARBC2614.

Textbooks
Language material and a selection of literary texts will be available (consult the department)

ARBC2614
Arabic Language and Literature 4B
Credit points: 6 Session: Semester 2
Classes: 4x1-hr seminars/week
Prerequisites: ARBC2613 or ARBC2614 Assessment: 1x2.5hr exam (equivalent to 2000wds) (50%), written and oral exercises (equivalent to 800wds) (20%), 1x2.5hr mid-semester exam (25%), class participation (5%)

This unit aims at further strengthening students' communicative skills in Arabic, both aural/oral and written, as well as building up their ability to read, appreciate and discuss samples of Arabic literature by prominent authors in their societal context. Students will be able to extend their knowledge of Arabic vocabulary and structures through realistic dialogues, role-playing and the use of a range of recorded material in Arabic. On completion of this unit, students progress to ARBC3615.

Textbooks
Language material and a selection of literary texts will be available. (Consult the department.)

ARBC2633
Arabic Advanced Language & Literature 3A
Credit points: 6 Session: Semester 1
Classes: 3x1-hr seminars/week
Prerequisites: HSC Arabic Extension or Arabic Continuers or 70% or above in Arabic Beginners (subject to placement test) Assessment: 1x2.5hr exam (equivalent to 2000wds) (50%), written and oral exercises (equivalent to 800wds) (20%), 1x2.5hr mid-semester exam (25%), class participation (5%)

This unit aims to strengthen practical language skills, including written and translation, to enrich the students' understanding of Arabic literature and culture, develop their analytical and critical skills through reading of a variety of Arabic texts by writers from different Arab countries, focusing on themes of modernity and identity as reflected in modern Arabic essays on political, social and cultural issues and in contemporary Arabic literature in general.

Textbooks
A dossier of texts will be provided
ARBC2634
Arabic Advanced Language & Literature 4A
Credit points: 6  Session: Semester 2  Classes: 3x1-hr seminars/week
Prerequisites: ARBC1311 or ARBC2633  Prohibitions: ARBC1312, ARBC1101, ARBC1102, ARBC1611, ARBC1612  Assessment: 1x2.5hr exam (equivalent to 2000wds) (50%), written and oral exercises (equivalent to 800wds) (20%), 1x2.5hr mid-semester exam (25%), class participation (5%)

This unit aims to strengthen practical language skills in Arabic, building on the approach followed in semester 1, including writing and translation skills to enrich students' understanding of Arabic literature and culture, and to develop their analytical and critical skills through reading of modern Arabic writers from various Arab countries.

Textbooks
A dossier of texts will be provided

ARBC3615
Arabic Language and Literature 5B
Credit points: 6  Session: Semester 1  Classes: 4x1-hr seminars/week
Prerequisites: ARBC2104 or ARBC2614  Prohibitions: ARBC2105, ARBC1311, ARBC1312, ARBC2313, ARBC2314, ARBC2315, ARBC2316, ARBC2633, ARBC2634, ARBC2635, ARBC3635, ARBC3637, ARBC3638  Assessment: 1x2.5hr exam (equivalent to 2500wds) (50%), written and oral exercises (equivalent to 800wds) (20%), 1x2.5hr mid-semester exam (25%), class participation (5%)

This unit aims to consolidate students' communicative skills, using realistic dialogues in modern standard and educated every-day Arabic, and samples of the Arabic press and electronic media. It equally aims to extend students' knowledge and appreciation of Arabic literature and culture through reading and discussion of representative texts by major Arabic authors in their societal context, with examples from different genres. On completion of this unit, students progress to ARBC3616.

Textbooks
Language material and a selection of literary texts will be available (consult the department)

ARBC3616
Arabic Language and Literature 6B
Credit points: 6  Session: Semester 2  Classes: 4x1-hr seminars/week
Prerequisites: ARBC2105 or ARBC3615  Prohibitions: ARBC2106, ARBC1311, ARBC1312, ARBC2313, ARBC2314, ARBC2315, ARBC2316, ARBC2633, ARBC2634, ARBC2635, ARBC3635, ARBC3637, ARBC3638  Assessment: 1x2.5hr exam (equivalent to 2500wds) (50%), written and oral exercises (equivalent to 800wds) (20%), 1x2.5hr mid-semester exam (25%), class participation (5%)

This unit aims to consolidate the students' competence in Arabic through dialogues in modern standard and educated every-day Arabic, reading and listening to material from the contemporary Arabic media, as well as writing and translation tasks relevant to real life situations. This unit equally aims to extend the students' knowledge and appreciation of Arabic literature and culture through reading and discussion of further representative texts by major Arabic authors in their societal context, with examples from different genres.

Textbooks
Language material and a selection of literary texts will be available (consult the department)

ARBC3635
Arabic Advanced Translation & Writing 5A
Credit points: 6  Session: Semester 1  Classes: 2x1-hr seminars/week
Prerequisites: ARBC1312 or ARBC2633  Prohibitions: ARBC2313, ARBC1101, ARBC1102, ARBC1611, ARBC1612  Assessment: 1x2hr exam (equivalent to 2000wds) (50%), written and oral exercises (equivalent to 800wds) (20%), 1x2.5hr mid-semester exam (25%), class participation (5%)

This unit aims to develop written fluency in Arabic and English through translation methodology and skills. The course is designed to further develop students' advanced writing, reading and interpreting skills. Practical tasks will include translation from Arabic into English and vice versa, using a wide range of texts, including creative literature, the press, business and diplomatic correspondence and basic scientific, technical and literary documents.

Textbooks
Consult the department

ARBC3636
Arabic Advanced for Media Studies 6A
Credit points: 6  Session: Semester 2  Classes: 2x1-hr seminars/week
Prerequisites: ARBC1312 or ARBC2633  Prohibitions: ARBC2313, ARBC1102, ARBC1611, ARBC1612  Assessment: 1x2hr exam (equivalent to 2000wds) (50%), written and oral exercises (equivalent to 800wds) (20%), 1x2.5hr mid-semester exam (25%), class participation (5%)

This unit aims to strengthen advanced practical language skills in Arabic, including writing, translation and communication, with focus on living Arabic for media studies to enrich the students' understanding of Arabic media and culture and to develop their practical and critical skills through dealing with a range of material related to the Arabic media, both written and electronic.

Textbooks
Consult the department

ARBC3637
Arabic Advanced Translation & Writing 7A
Credit points: 6  Session: Semester 1  Classes: 2x1-hr seminars/week
Prerequisites: ARBC1312 or ARBC2633  Prohibitions: ARBC2315, ARBC1101, ARBC1102, ARBC1611, ARBC1612  Assessment: 1x2hr exam (equivalent to 2000wds) (50%), written and oral exercises (equivalent to 800wds) (20%), 1x2.5hr mid-semester exam (25%), class participation (5%)

This unit aims to further develop written fluency in Arabic and English through translation methodology and skills. The unit is designed to further strengthen students' advanced writing, reading, translation and interpreting ability. Practical tasks will include translation from Arabic into English and vice versa, using realistic contexts and a wide range of texts, including creative literature, the press, business and diplomatic correspondence and basic scientific, technical and literary documents.

Textbooks
Consult the department

ARBC3638
Arabic Advanced for Media Studies 8A
Credit points: 6  Session: Semester 2  Classes: 2x1-hr seminars/week
Prerequisites: ARBC1312 or ARBC2633  Prohibitions: ARBC2316, ARBC1101, ARBC1102, ARBC1611, ARBC1612  Assessment: 1x2hr exam (equivalent to 2000wds) (50%), written and oral exercises (equivalent to 800wds) (20%), 1x2.5hr mid-semester exam (25%), class participation (5%)

This unit aims to strengthen advanced practical language skills in Arabic, including writing, translation and communication, with focus on living Arabic for media studies to enrich the students' understanding of Arabic media and culture and to develop their practical and critical skills through dealing with a range of material related to the Arabic media, both written and electronic.

Textbooks
Consult the department

ARBC2811
Arabic Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ARBC2812
Arabic Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ARBC2813
Arabic Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ARBC2814
Arabic Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.
Arab World, Islam and The Middle East

ARIS1671
Arabs, Islam & Middle East: Introduction
Credit points: 6
Session: Semester 1
Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week
Assessment: 1x2000wd essay (40%), 1xclass presentation (20%), 1x2hr final exam (40%)

This unit provides an introduction to the study of the Arab world, Islam and the Middle East. It focuses on Arab and Islamic society and culture in the Middle East. Main themes include: Geographical setting and historical orientations; environment and society, the Arabs and the world of late antiquity; the importance of Arab trade and seafaring; the rise of Islam: the Prophet Muhammad and the Qur’an, Pillars of Islam and Community, the early Arab Islamic Caliphate; religion and politics in the Islamic tradition, Islamic law and society, women and gender issues in Islam, aspects of Middle Eastern socio-economic and cultural life in the age of the Caliphate as a background to the early modern Middle East up to Ottoman times. On completion of this unit, students proceed to ARIS1672 in Semester 2.

Textbooks
Course readings and bibliography will be available

ARIS1672
Arab-Islamic Civilization: Introduction
Credit points: 6
Session: Semester 2
Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week
Prerequisites: ARIS1001 or ARIS1671
Assessment: 1x2000wd essay (40%), 1xclass presentation (20%), 1x2hr final exam (40%)

This unit focuses on Arab and Islamic Learning, Spirituality and Art. Themes include: The scope of classical Arabic learning: Qur’anic studies and Prophetic traditions, the Hellenistic legacy in Arabic learning, Islamic philosophy and sciences, geographical writings and historiography, issues in Islamic theology, role of scholars, the concept of knowledge; contribution of Arabic-speaking Christian scholars to classical Arab intellectual life; Islamic asceticism, mysticism and the Sufi orders; Arab and Islamic aesthetics: religious and secular art, architectural design and decoration, the role of calligraphy, geometry and arabesque. On completion of this unit, students should proceed to ARIS3675 and ARIS3676 in the year 2012 and to ARIS2673 and ARIS2675 in the year 2013.

Textbooks
Course readings and bibliography will be available

ARIS2673
Islam and Muslims in World History
Credit points: 6
Session: Semester 1
Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week
Prerequisites: ARIS1001 or ARIS1671
Assessment: 1x2250wd essay (40%), 1x2250wd take-home exam (40%), class presentation (20%)

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

This unit of study focuses on the role of Islam in world history through the discussion of issues of intercultural relations and acculturation. It highlights Islam’s place in the Mediterranean world; connections with Eastern Christianity, including Byzantium; the Islamic-European encounter in Spain and Sicily and the Crusades from an Arab perspective. The unit deals with the significance of acculturation and adaptation of Islamic traditions in different parts of Africa and Asia and the role of urbanisation and trade in Islamic history.

Textbooks
Course readings, bibliography and brief notes will be available

ARIS2674
Islam and Politics: Modernity Challenges
Credit points: 6
Session: Summer School
Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week
Prerequisites: ARIS1001 or ARIS1671
Prohibitions: ARIS2004
Assessment: 1x2250wd essay (40%), 1x2250wd take-home exam (40%), class presentation (20%)

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

This unit focuses on Islam as a political and cultural force in the modern world, particularly in the Middle East, North Africa and Asia. Issues include: Islamic political thought; the Sunna-Shi’ite divergence and the significance of Shi’a Islam; Islamic traditionalism; reform; radicalism; Jihad and ‘fundamentalism’; Islamic political movements in Arab countries; Turkey, Iran and Asia; Islam and legitimacy of political regimes; Muslim minorities in the world; current debates on the ‘Islamic threat’; ‘terrorism’; ‘clash of civilisations’ and Islamic-Western mutual perceptions.

Textbooks
Course readings, bibliography and brief notes will be available

ARIS3680
Approaches to Arabic and Islamic Studies
Credit points: 6
Session: Semester 2
Classes: 1x2-hr seminar/week
Prerequisites: Credit in ARIS2673 or ARIS3675 or ARIS2003 or ARIS2005, and credit in ARBC2613 or ARBC3636 or ARBC2103 or ARBC2313
Assessment: 1x3000wd essay in English (40%), 1x500wd summary in Arabic or an additional 1000wd assignment in English (20%), 2x1000wd oral presentations in either Arabic or English (40%)

This unit, which is a prerequisite for intending honours students, will provide students with a grounding in approaches, research tools and critical methodologies in various aspects of Arabic, Islamic and Middle Eastern Studies today and familiarise them with a range of available resources to support research in this field. It will enable students to discuss issues with established researchers and to carry out practical exercises aimed at developing their critical and analytical skills and their ability to embark on their own individual research projects under supervision in specific areas of Arab, Islamic and Middle Eastern Studies.

Textbooks
Course readings, bibliography and brief notes will be available

ARIS2801
Arab World Islam & Middle East Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ARIS2802
Arab World Islam & Middle East Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ARIS2803
Arab World Islam & Middle East Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ARIS2804
Arab World Islam & Middle East Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ARIS2805
Arab World Islam & Middle East Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ARIS2806
Arab World Islam & Middle East Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ARIS4011
Arabic and Islamic Studies Honours A
Credit points: 12
Session: Semester 1, Semester 2
Classes: Two seminars, each seminar meets weekly for 2 hours for one semester
Prerequisites: A total of 48 credit points in a combination of ARBC and ARIS senior units, with at least a Credit average. These include the 36 credit points of the major in Arabic and Islamic Studies, plus two more senior units, (including the special entry unit, ARIS3680 Approaches to Arabic and Islamic Studies). Assessment: A thesis of 18000-20000 words and 2500 words of written work or its equivalent for each seminar.
Note: Department permission required for enrolment.

The Honours program in Arabic and Islamic Studies consists of:

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

The thesis should be of 18000-20000 words in length. Each seminar requires 2500 words of written work or its equivalent.

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

The following seminars are on offer in 2011:
Methodology of Research in Arabic and Islamic Studies (Dr Nijmeh Hajjar)
Practical Advanced Language for Research Purposes (Dr Nijmeh Hajjar)

For more information contact, Dr Nijmeh Hajjar, Honours coordinator.

ARIS4012
Arabic and Islamic Studies Honours B
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: ARIS4011
Refer to ARIS4011

ARIS4013
Arabic and Islamic Studies Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: ARIS4012
Refer to ARIS4011

ARIS4014
Arabic and Islamic Studies Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: ARIS4013
Refer to ARIS4011

Archaeology

ARCA1001
Ancient Civilisations
Credit points: 6 Session: Semester 1, Summer Late Classes: 2x1 hour lectures and 1x1 hour tutorial per week Assessment: one 500 word assignment (15%), one 1500 word essay (35%), one 2 hour exam (50%)

This unit is a general introduction to the major civilisations of the ancient world - Egypt, Mesopotamia, Greece and Rome, China, South East Asia, the Indus Valley, Bactria and Margiana (Central Asia). No prior knowledge of any of these societies is presumed. We aim to balance discussing broad issues relevant to all ancient civilisations, and specific cases (sites, material remains) from specific civilisations.

By the end of this unit, you should have gained an appreciation of the major achievements and characteristics of many of the world's earliest civilisations.

ARCA1002
Archaeology: An Introduction
Credit points: 8 Session: Semester 2 Classes: 2x1 hour lectures, and 1x2 hours of workshops per week (weeks 4-9) Prohibitions: ARPH1001 Assessment: two class tests (equivalent to 1000 words) (20%) and six workshop exercises (equivalent to 3500 words) (80%)

Archaeology is a dynamic world-wide discipline which draws on both the sciences and humanities to interpret material remains of the human past. This unit introduces key aspects of archaeological method and theory and explores links between archaeological practice and heritage issues of wide public interest based on archaeological case studies.

It provides an essential introduction for senior units of study in Archaeology and will also interest anyone with a more general interest in this fascinating and topical field of study.

ARCA2601
Laboratory Methods
Credit points: 6 Session: Semester 2 Classes: 1x3 hour workshop per week Prerequisites: 12 junior credit points of Archaeology Prohibitions: ARPH2614 Assessment: one 3000 word laboratory report (60%), one 1500 word class test (40%)

An introduction to post-fieldwork archaeological laboratory principles and practices. The unit introduces students to key principles for the effective management and processing of archaeological finds and other materials excavated from archaeological sites, recording and interpretation of data recorded from this material and the application of various methods of analysis which can be used to produce different types of archaeological knowledge and interpretation.

ARCA2602
Field Methods
Credit points: 6 Session: Semester 1 Classes: 1x1 hour lecture and 1x2 hour workshop per week Prerequisites: 12 junior credit points of Archaeology Prohibitions: ARPH3921 Assessment: one 3000 word report/lab book (60%), one 1000 word class test (40%)

This unit is an essential introduction to the basic principles and skills involved in archaeological fieldwork. A special focus is on the practical aspects of archaeological research design, including sampling and survey strategies. The unit includes lectures and on-campus training in core survey techniques, including site descriptions and field-plans, tape and compass site recording and surveys using dumpy-level. The ethical and legal aspects of archaeological field investigations will also be considered.

ARCA2606
Maps, Time and Visualisation
Credit points: 6 Session: Semester 2 Classes: 1x1 hour lecture and 1x2 hour workshop per week Prerequisites: 12 junior credit points Prohibitions: ARPH3690 Assessment: one 2000 word critical review (40%), one in-class test (40%), project report (20%)

This unit examines ways in which maps, timelines and other forms of data visualisation are constructed and used to present archaeological data and historical argument, and how digital methods and web delivery have facilitated the use of visualisation and enabled greater user engagement through interaction with online databases, encyclopaedias, collaborative systems, maps, timelines, animations and 3D models. Practical sessions offer students the opportunity to become familiar with simple techniques and software tools for creating and publishing visualisations on the Web.

ARCA2608
Near Eastern Ancient Civilisations
Credit points: 6 Session: Semester 1 Classes: 2x1 hour lectures per week Prerequisites: 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies Prohibitions: ARNE1001 Assessment: one 1 hour mid-term exam (equivalent to 1000 words) (30%), one 1 hour final exam (equivalent to 1000 words) (30%), course journal (equivalent to 3000 words) (30%) and quizzes on reading assignments and maps (equivalent to 1000 words) (10%)

This unit of study provides an introduction to the wide sweep of cultures that have shaped western and central Asia. Using archaeological evidence, students will learn about the development of agriculture, the first cities, the earliest forms of writing, and how civilisations developed in rich and varied ways across the ancient world. Material is based 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.

ARCA2610
Minoans and Mycenaeans
Credit points: 6 Session: Semester 1 Classes: 1x2 hour lecture and one 1 hour tutorial per week Prerequisites: 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History Assessment: 1x2000 word essay (40%), tutorial presentation (15%), tutorial work (5%), 2x1 hour exams (40%)

Archaeological research since the 19th century discovery and excavation of Knossos and Mycenae continues to expand our understanding about the rich prehistoric cultures of Greece but dimly remembered in later times. Recent shift of attention from palace centres to the economic, social and religious life of the ordinary person
is aided by such discoveries as the Cycladic town at Akrotiri. The three main cultures of Bronze Age Greece (ca. 3000-1100 BC) are explored with focus on their characteristic features.

ARCA2612
A Greek Odyssey: The First Millennium BC
Credit points: 6 Session: Semester 2 Classes: two 1 hour lectures and one 1 hour tutorial per week Prerequisites: 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies Assessment: one 2000 word essay (50%), one 1.5 hour exam (35%), tutorial/workshop based exercises (15%)
Between 1050 and 146 BC the Aegean world underwent radical transformation. The changes which took place not only affected all aspects of ancient Greek society, but also established the foundations on which modern western civilization would later build. This unit traces the history and development of the Greek world as evidenced by the surviving material culture of the first millennium BC. The unit also examines the resonances of the ancient Aegean still evident in contemporary Australia.

ARCA2614
Contact and Exchange in South Italy
Credit points: 6 Session: Semester 1 Classes: one 2 hour lecture and one 1 hour tutorial per week Prerequisites: 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies Assessment: one 2000 word essay (40%), two 1 hour class tests (40%), tutorial exercises equivalent to 500 words (20%)
Ancient South Italy existed at a vital crossroads between the Eastern and Western Mediterranean. From the arrival of the earliest settled farmers in the 7th millennium BC to its conquest by the Romans, the region experienced repeated waves of migrants, visitors, colonists and conquerors, and developed a distinctive and vibrant culture as a result. The Unit will begin its survey in the Neolithic period, but concentrate especially on the Greek/Italian colonial interactions of the first millennium BC.

ARCA2617
Analysis of Archaeological Materials
Credit points: 6 Session: Semester 1 Classes: 1x3 hour combined lecture/practical session Prerequisites: 12 junior credit points of Archaeology Assessment: 10xweekly quizzes (equivalent to 2500 words in total) (50%), 1x2000 word research paper (40%) and participation (10%)
An essential skill in archaeology is understanding the various analytical techniques used in artefact analyses. This unit examines a variety of archaeological materials to explore the relationship between the material properties of an object and its analytical potential. A combination of lectures and practical sessions provides a unique opportunity to examine techniques such as spectroscopy, electron microscopy and CT, and the ways in which they are used in archaeological analysis and interpretation.

ARCA3602
Greece and the East
Credit points: 6 Session: Semester 2 Classes: one 2 hour seminar per week Prerequisites: Credit result in two of the following units: ARCA2610, ARCA2611, ARCA2612, ARCA2613, ARCA2614, ARCA2615 Assessment: one 3500 word essay (45%), seminar presentations (5% and 25%) and one 1.5 hour exam (25%)
Greek interaction with the older civilisations to the East (Anatolia, Near and Middle East, and Egypt) created a vital cultural dynamic throughout antiquity, not just in the seventh-century BC “orientalising” period. Areas of focus include the impact of relations with the East on the development of Greek material culture in specific periods, with reference to the areas of conceptual difficulty: the definition of cultural receptivity, the articulation of the “sources”, the means of communication and types of reception.

ARNE2603
Introduction to the Archaeology of Iran
Credit points: 6 Session: Semester 2 Classes: 1x1 hour lecture and 1x1 hour tutorial per week Prerequisites: 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies Assessment: 1x2500 word research paper (40%), 1x2000 word take-home exam (30%), 1x1000 word course journal (20%), quizzes on reading assignments (10%)
An introduction to the art, archaeology, religion, landscape and settlement patterns of the principal cultures inhabiting the Iranian plateau and adjacent regions, with special emphasis on the culture of the Elamites, Persians, Parthians and Sassanians from prehistoric times to the 6th century AD.

ARNE2606
The Archaeology of Central Asia
Credit points: 6 Session: Semester 2 Classes: two 1 hour lectures and one 1 hour tutorial per week. Prerequisites: 12 junior credit points from Archaeology, Classical Civilisation or Ancient History. Assessment: one 3000 word research paper (60%), one tutorial presentation equivalent to 1000 words (20%), slide test equivalent to 500 words (10%), tutorial participation (10%)
This unit of study covers the archaeology of Central Asia from later prehistory to the rise of Islam. The region bridges east and west, with cultural and political influences from China, India and Persia blending into those of Mesopotamia and the Classical World. Topics include regional early state development in the Bronze Age, Achaemenid and Hellenistic influences, the empire of the Kushans and the rise of nomadic societies in the northern steppes.

ARNE2691
Material Culture
Credit points: 6 Session: Semester 1 Classes: 1x2 hour seminar per week Prerequisites: 12 junior credit points of Archaeology or 6 junior credit points of Archaeology plus 6 junior credit points of Ancient History or Classical Studies Prohibitions: ARNE2901 Assessment: 1x3000 word research paper (50%), 1x1500 word course journal (25%), reading assignments equivalent to 750 words (15%), class presentation equivalent to 750 words (10%)
Note: This unit is available as a designated ‘Advanced’ unit to students enrolled in the BA (Advanced) degree program.
A seminar-style introduction to the study of some of the most common categories of material in the Near East, including copper-bronze, iron, limestone, pottery and ivory, and to various genres of materials, such as seals, ceramics, weaponry, carved decorations and equestrian equipment, with particular emphasis on technology, manufacture, function, style, iconography, chronology and spatial distribution. Material will normally be drawn from the collections of the Nicholson Museum and may vary from year to year.

ARNE3691
Special Topics in West Asian Archaeology
Credit points: 6 Session: Semester 2 Classes: one 2 hour seminar per week Prerequisites: Credit average in 24 senior credit points of Archaeology Prohibitions: ARNE3901 Assessment: one 3500 word research paper (60%), course journal equivalent to 1500 words (20%), reading assignments equivalent to 500 words (10%), class presentation equivalent to 500 words (10%)
Note: This unit is available as a designated ‘Advanced’ unit for students who are already enrolled in the BA (Advanced) degree program.
An advanced seminar for students who wish to develop their research, analytical, writing and presentation skills by investigating a body of material from selected excavations in the Near East. The topic of concentration for 2011 is Art History.

**ARPH2603**  
**The Archaeology of Society**  
**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1 hour lecture and one 1 hour tutorial per week  
**Prerequisites:** 12 Junior credit points of Archaeology  
**Prohibitions:** ARPH2003  
**Assessment:** one 3000 word essay (60%), one project equivalent to 1500 words (40%)  
**A global introduction to the processes and issues involved in the major transformation of human settlement behaviour over the past 15,000 years. 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.**

**ARPH2612**  
**Historical Archaeology**  
**Credit points:** 6  
**Session:** Semester 1  
**Classes:** one 2 hour lecture and one 1 hour tutorial per week  
**Prerequisites:** 12 Junior credit points of Archaeology  
**Prohibitions:** ARPH2702  
**Assessment:** one 3000 word essay (60%), one 1500 word class test (40%)  
**This unit will introduce students to the international development of historical archaeology since 1960. Because of its explicit links to historiography and documentary scholarship, historical archaeology enjoys a uniquely interdisciplinary perspective, and has been directly influenced by shifts in both anthropology and history. The current practice and international form of historical archaeology will therefore be explored in detail.**

**ARPH2616**  
**Public Archaeology**  
**Credit points:** 6  
**Session:** Semester 2  
**Classes:** two 1 hour lectures and one 1 hour seminar per week  
**Prerequisites:** 12 Junior credit points of Archaeology  
**Prohibitions:** ARPH2010  
**Assessment:** one 2500 word essay (50%), one 1000 word seminar write-up (25%), one 1000 word in-class test (25%)  
**This unit introduces and discusses the theory and practice of archaeology in the public domain where archaeologists have responsibilities to Indigenous peoples, community groups, clients and government. Australian and other case studies will be used to discuss the public benefits of archaeology and ways in which government policies and legislation and issues surrounding ethics and professionalism interact with popular and public understandings of the past to produce different kinds of archaeological knowledge and practice which have historical and contemporary evidence.**  
**Textbooks**  
S. Colley, Uncovering Australia. Archaeology, Indigenous People and the Public (Allen and Unwin, 2002)  

**ARCA2805**  
**Archaeology Exchange**  
**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**ARCA2806**  
**Archaeology Exchange**  
**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**ARCA2807**  
**Archaeology Exchange**  
**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**ARCA2808**  
**Archaeology Exchange**  
**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**ARCA4011**  
**Archaeology Honours A**  
**Credit points:** 12  
**Session:** Semester 1, Semester 2  
**Classes:** two seminars, each seminar meets weekly for 2 hours for one semester (or equivalent)  
**Prerequisites:** Credit average or better in 48 senior credit points in Archaeology (including cross-listed units for students doing Honours in Heritage Studies topics (see separate Heritage Studies entry).  
**Assessment:** a thesis of 18000-20000 words and 6000 words of written work or its equivalent for each seminar  
**Note:** Department permission required for enrolment.  
**Note:** These exact pre requisites will be waived where students are unable to meet the new requirements due to curriculum changes. Students who intend to specialise in Classical Archaeology at Honours should normally have obtained (a) credit or better result in ARCA3602 or ARCA 3603 or ARCA 3604, (b) credit or better results in ARCA2612 and ARCA2615 (c) credit average results in any two of ARCA2610, ARCA2611, ARCA2613, ARCA2614, ARCL2605, and (d) credit average results in any three other senior Archaeology or Heritage Studies units (including those in the list above and senior Archaeology exchange units); reading knowledge of French, German, Italian or Modern Greek is recommended.  
**Students who intend to specialise in Near Eastern and/or West Asian Archaeology at Honours should normally have obtained (a) credit or better result in ARNE3691, and (b) credit average results in 2 of the following: ARCA2604; ARCA2608; ARCA2609; ARNE2601; ARNE2602; ARNE2603; ARNE2606; ARNE2607; ARNE2691, and (c) credit average results in 5 additional senior units of Archaeology units (including those listed above and senior Archaeology exchange units). Students who intend to specialise at Honours in other regional archaeology (e.g. Australia, Asia, Pacific), Heritage Studies or a thematic topic (e.g. Heritage Studies thematic topics) should normally have obtained (a) credit or better results in ARCA3600 or ARCA3601 (b) credit or better results in at least two of the following: ARCA2603, ARCA2605, ARCA2616, ARPH2603, ARPH2612, ARPH2616 (or equivalent), and (c) credit average results in any three other senior Archaeology or Heritage Studies units (including those listed above and senior Archaeology exchange units). The Department will only approve Honours research topics which are considered appropriate to the content of senior units of study obtained by the student. Please contact relevant Department staff for advice and assistance. All students with credit or above results are encouraged to apply for Honours.**

The Honours program in Archaeology consists of:  
1. a thesis written under the supervision of one or more members of academic staff  
2. two seminars that meet weekly for two hours (or equivalent) each for Semester 1.  
3. the thesis should be of 18,000-20,000 words in length. Each seminar requires 6,000 words of written work or its equivalent.  
4. the thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.  
5. the following seminars are on offer in 2011: History and Philosophy of Archaeology (Dr Sarah Colley) Approaches to Archaeological Research (Prof Roland Fletcher)  
For more information, contact Dr Ted Robinson (Chair of Department).
Arts units of study

ARCA4012
Arts Honours B
Credit points: 12
Session: Semester 1, Semester 2
Prerequisites: Refer to ARCA4011
Corequisites: ARCA4011
Refer to ARCA4011

ARCA4013
Arts Honours C
Credit points: 12
Session: Semester 1, Semester 2
Prerequisites: Refer to ARCA4011
Corequisites: ARCA4012
Refer to ARCA4011

ARCA4014
Arts Honours D
Credit points: 12
Session: Semester 1, Semester 2
Prerequisites: Refer to ARCA4011
Corequisites: ARCA4013
Refer to ARCA4011

Art History

ARHT1001
Art and Experience
Credit points: 6
Session: Semester 1
Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week
Assessment: 1x4000wd total essay and tutorial paper (100%)
Practical field work: The Art Workshop. Students undertaking the Art History and Theory First Year Program are encouraged to enrol in a practical unit of study offered at the Art Workshop in the Faculty of Architecture. Only one introductory level workshop (worth 6 junior level credit points) is permitted. For more details please consult the Art Workshop on 9351 3115.

ARHT1001 and ARHT1002 offer an introduction to the study of art history and theory as it is taught at the Senior and Honours levels in the department. The subject matter covers a wide range of art practices and media, film, design and costume, and includes the examination of art from different cultures. In each unit of study, historical analysis will be combined with discussions of the different methodologies and approaches to the interpretation and study of these visual materials. Art and Experience: the European Tradition will focus on the history of art and architecture in Western Europe from classical antiquity to the early modern period. A key focus will be on recognising the importance of the social, cultural, political and religious purpose an object or building was designed to serve, and the range of meanings the work was intended to embody - and how these change across time.

Textbooks
ARHT1001 Course Reader

ARHT1002
Modern Times: Art and Film
Credit points: 6
Session: Semester 2
Classes: 1x2-hr lecture/week, 1x1hr tutorial/week
Assessment: 1x2500wd essay (55%) and 1x1500wd exam (45%)

This unit of study will focus upon the art and visual culture of the nineteenth and twentieth centuries, examining this historical period in relation to the thematic of the modern. Visual material studied will include painting, film, architecture and costume. As with ARHT1001, historical analysis will be combined with discussions of the different methodologies and approaches to the interpretation and study of these visual materials.

Textbooks
Course Reader

ARHT2610
Art and Society in Trecento Italy
Credit points: 6
Session: Semester 1
Classes: 1x2-hr lecture/week, 1x1hr tutorial/week
Prerequisites: ARHT1001 and ARHT1002
Prohibitions: ARHT2010
Assessment: 1x1000wd visual test (35%), 1x class presentation (10%), 1x3000wd essay (55%)

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 include: 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.

Textbooks

ARHT2613
The Art of France
Credit points: 6
Session: Semester 2
Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week
Prerequisites: ARHT1001 and ARHT1002
Prohibitions: ARHT2013
Assessment: 1x1000wd Exhibition essay (40%), 1x2-hr visual test (40%), 1xExhibition Project (250wd plan, 10 minute presentation, 250wd posting) (20%)

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

This unit of study explores the development of a national tradition of art and architecture in France from the beginnings of absolutism to the eve of the Revolution. Topics of lectures and tutorials include the circumstances leading to the foundation of Academies and the development of academic discourse; the commitment to an official system for educating young artists, both in France and in Rome; the alliance between art and absolutism; the artist and the courtier; the public display of art and the creation of new audiences; the emergence of art criticism and architectural theory; the portrayal of daily life, landscape and erotic subjects in relation to major currents of Enlightenment thought.

Textbooks
Course Reader

ARHT2633
Postwar Australian Art and Film
Credit points: 6
Session: Semester 1
Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week
Prerequisites: ARHT1001 and ARHT1002
Prohibitions: ARHT2033
Assessment: 1x2500wd essay (50%), 1x1000wd tutorial paper (25%), 1x1500wd short-answer test (25%)

This unit of study traces the shifting relations between modern art, modernism and postmodernism in Australia. These are examined against a field of other cultural, social and political discourses. Issues addressed include artists’ responses to World War II, the Cold War and Vietnam; postwar migration and multiculturalism; urban imagery; contemporary Koori art and Aboriginality in art by white Australians; ongoing shifts in the treatment of traditional subjects such as landscape, art and ecology; feminist, gay and lesbian cultural politics; art criticism; art and electronic technologies.

ARHT2636
Contemporary Indigenous Australian Art
Credit points: 6
Session: Semester 2
Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week
Prerequisites: ARHT1001 and ARHT1002
Prohibitions: ARHT2036
Assessment: 1x4000-4500 wd essay and 1x exhibition (100%)

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

This unit studies the efflorescence of contemporary Aboriginal and Torres Strait Islander art, which makes up over half of today’s Australian art market. While providing a grounding in major movements like Papunya Tula (from 1971) and bark painting in Arnhem Land, the focus will be on critical and theoretical issues affecting art practice today: questions of appropriation and copyright, the relationship of art to native title and reconciliation, the market for Indigenous art (from prestigious auctions to tourist shops), the politics of curatorial practice, the changing status of women artists, the Indigenous use and re-use of photography, and the relevance of postmodern and postcolonial theories in reading urban art. Key figures treated will include Tracy Moffatt, Gordon Bennett, Rover Thomas and Emily Kngwarreye. Certain classes will be conducted at the Art Gallery of New South Wales or the Museum of Contemporary Art. Lecturers will include prominent Indigenous curators and artists.

Textbooks
Modern and Contemporary Asian Art
Credit points: 6  Session: Semester 2  Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week. Prerequisites: (ARHT1001 and ARHT1002) or (ASNS1001 and ASNS1002) or (ASNS1001 and ASNS1001)  Prohibitions: ARHT2040
Assessment: 1x2500wd essay (60%), 1x1500wd seminar paper (30%) and participation (10%)

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.

Textbooks
ARHT2640 Course Reader

Art and Archaeology of South East Asia
Credit points: 6  Session: Semester 2  Classes: 3x1-hr seminars/week. Prerequisites: (ARHT1001 and ARHT1002) or (ASNS1001/1601 and ASNS1002/1602) or (ASNS1001/1601 and ASNS1101) or (any one of ARPH1001, ARPH1002, ARPH1003)  Prohibitions: ARHT2041 Assessment: 1x1500wd site, building or artwork report (33%), 1x4500wd long essay (67%)

The focus of this course is the art and archaeology of the medieval civilizations of Southeast Asia, particularly Angkor, that continue to have an effect on the contemporary issues of the region. Through explorations of text and material culture this course will examine major themes in the development and transformation of these 'states'. Themes addressed include; the influence of Indian and China, Hindu-Buddhist religious syncretism in early Southeast Asia, the development of trade links prior to 1500, peripheral communities and minorities, and the historiography of Southeast Asia.

Textbooks
ARHT2652 From Silent to Sound Cinema
Credit points: 6  Session: Semester 1  Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week and 1x2-hr film screening/week. Prerequisites: ARHT1001 and ARHT1002 (For Art History Major), ARHT1002 or ENGL1025 or ENGL1026 (For Film Major)  Prohibitions: ARHT2052 Assessment: 1x1500wd film analysis (30%), 1x2500wd essay (70%)
Note: Film Studies Core Unit. This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.

This unit of study examines film/cinema as a manifestation of modernity i.e. as commodity, industry, institution and mass production of the senses (aesthetics). These concepts integral to modernity will be explored through a study of Early American cinema and the Weimar cinema of Germany in the 1920s. Detailed work will be done on the following genres, Slapstick and Melodrama (in Hollywood), and Horror/Fantasy (in Weimar cinema). While the focus will be on the aesthetics of these films, the historical and industrial context of each national cinema will form an essential background. The unit will introduce a selection of major classical and contemporary film theories such as those of Sergei Eisenstein and Gilles Deleuze as well as the recent scholarship on silent film aesthetics and spectatorship within the wider intellectual tradition of theorising modernity and vernacular modernisms. An emphasis will be placed on the idea of filmic performance (as an art of movement and time) which includes camera rhetoric, editing, acting, mise-en-scene. Students will study the phenomenon of stardom through one of cinema’s very first global icons, Charlie Chaplin whose work will enable us to cross the technological divide between silent and sound cinema in the last segment of the unit.

Textbooks

ARHT2655 Memory of the World: Key Films
Credit points: 6  Session: Semester 2  Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week and 1x2-hr film screening/week. Prerequisites: ARHT1001 and ARHT1002 (For Art History Major), ARHT1002 or ENGL1025 or ENGL1026 (For Film Major)  Prohibitions: ARHT2053 Assessment: 1x1500wd film analysis (35%), 1x2500wd essay (70%)

This unit of study has three primary foci:
1. A historical study of independent cinema, or New Wave movements in post-World War II Europe, including Italian Neo-Realism, the French New Wave and New German Cinema among others.
2. The study of Gilles Deleuze’s thesis about these cinematic movements and the cinematic concepts that they gave rise to as elaborated in his books, Cinema 1, Movement Image and Cinema II, The Time Image.
3. A study of the idea of Epic cinema as distinct from Dramatic cinema through a selection of films cross-culturally.

In addition there will also be a selection of films of auteurs who help formulate cinematic ideas and concepts, such as for example the gothic, in innovative ways.

Despite the historical component of the unit it is not structured chronologically but rather, conceptually. And the main concept is that of non-chronological time. This approach will enable an exploration of cinematic invention of new images of time itself. As such it is primarily concerned with cinematic aesthetics across different film cultures and the cultural politics to such invention will form an essential background to the unit.

Textbooks
ARHT2656 Modern Cinema: Modes of Seeing
Credit points: 6  Session: Semester 1, Summer Early Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week and 1x2-hr film screening/week. Prerequisites: ARHT1001 and ARHT1002 (For Art History Major), ARHT1002 or ENGL1025 or ENGL1026 (For Film Major)  Prohibitions: ARHT2055 Assessment: 1x1500wd essay (45%), 1x1500wd film analysis (35%) and tutorial presentation/participation (20%)

This unit of study will give an introduction to how film studies has analysed the meaning of a film in relation to how the film incorporates or addresses the spectator (what is known as theories of spectatorship). Commencing with debates around classical Hollywood cinema and the functioning of the point of view shot, the unit will examine how theories of spectatorship have understood the significance of different genres.

Textbooks
ARHT2656 National and Transnational Cinemas
Credit points: 6  Session: Semester 2  Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week and 1x2-hr film screening/week. Prerequisites: ARHT1001 and ARHT1002 (For Art History Major), ARHT1002 or ENGL1025 or ENGL1026 (For Film Major)  Prohibitions: ARHT2056 Assessment: 1x1500wd essay (30%), 1x3000wd essay (60%), tutorial participation (10%)

This unit of study investigates the problem of national cinema in terms of cultural specificity, identity and difference. The cinematic production of different nations will be compared in ways that draw out the various dimensions of the overall problem of the relation of cinema to the nation, of cinematic nationalism, and of cinema to existent and emergent cultural forms. One problem for national cinemas is that production is geographically dispersed and formally divergent. A film that is in production can exist not only in several forms, for instance, in analogue and digital forms, but can also be in production in different...
places and at different stages of production, pre-production and postproduction, at the same time. A key issue, then, is how national cinemas have responded, and continue to respond to globalised, transnational film production and distribution, and to the ever-present demand for technological and aesthetic renewal. If a film does not exist in any one form or be present in any one place, how can it be said to belong to a national context?

Textbooks

Recommended Readings:

ARHT2671
Art, Travel, Empires
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: ARHT1001 and ARHT1002 Prohibitions: ARHT2071 Assessment: 1x2500wd essay (60%), 1x1500wd visual test (30%), class participation (10%)
Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.

In this unit of study we examine Orientalist art and the culture of travel from a post-colonial perspective. As well as the work of major artists (Delacroix, Gerome and J.F.Lewis), we will place particular emphasis upon photography, as well as international exhibitions, travel literature and film. Diverse European constructions of the exotic Orient will be examined including the distinctive contribution of women Orientalists. In this unit, the European canon of Orientalism is resituated through the introduction of counter-narratives and alternative images made by indigenous artists and patrons.

Textbooks

Recommended Readings:
'Orientalism: Delacroix to Klee', curated by Roger Benjamin, Art Gallery of New South Wales, Sydney, 1997
Jill Beaulieu and Mary Roberts (eds), 'Orientalism's Interlocutors. Painting, Architecture, Photography', Duke University Press, Durham, 2002
Reina Lewis, 'Gendering Orientalism, Race, Femininity and Representation', Routledge, London, 1996

ARHT1801
Art History and Theory Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

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

ARHT2810
Art History and Theory Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

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

ARHT2811
Art History and Theory Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

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

ARHT2812
Art History and Theory Exchange
Credit points: 6 Session: Semester 1, Semester 2

Note: Department permission required for enrolment.

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

ARHT2813
Art History and Theory Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

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

ARHT2814
Art History and Theory Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

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

ARHT2815
Art History and Theory Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

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

ARHT2816
Art History and Theory Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

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

ARHT2817
Art History and Theory Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

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

ARHT4011
Art History and Theory Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: 1x2-hr seminar/weekand 4x workshops/semester Prerequisites: Results of a credit average or better in 48 credit points in Art History and Film Studies senior units. If you do not have this prerequisite please contact the Honours coordinator to determine possible waiving of the prerequisite. Students may commence their study either at the beginning of the year or mid-year. Assessment: 1x18000-20000wd thesis (60%) and 1x6000-8000wd written works from one seminar and one workshop (2x20%)
Note: Department permission required for enrolment.
The Honours program in Art History and Theory consists of:
a thesis written under the supervision of one or more members of
academic staff
1 seminar (either Art is the Issue or Film is the Issue) that meets
weekly for two hours for one semester.
1 workshop (Analysing the Visual) that meets four times during one
semester.
The thesis should be of 18000-20000 words in length. Each seminar
and the workshop requires 6000-8000 words of written work or its
equivalent.
The thesis is worth 60% of the final Honours mark and each of the
seminars and workshop is worth 20%.
The following seminars are on offer in 2011:
Art is the Issue (Assoc Prof Jennifer Milam)
Film is the Issue (Dr Keith Broadfoot)
The following workshop is on offer in 2011:
Analysing the Visual (Assoc Prof Jennifer Milam)
For more information, contact Dr Thomas Berghuis, Honours
coordinator

ARHT4012
Art History and Theory Honours B
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: ARHT4011
Refer to ARHT4011

ARHT4013
Art History and Theory Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: ARHT4012
Refer to ARHT4011

ARHT4014
Art History and Theory Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: ARHT4013
Refer to ARHT4011

Arts
No major available.

ARTS2600
Internship 1
Credit points: 6 Session: Semester 1, Semester 2, Summer Main Classes: 4x2-hr workshops, 15-day/120-hr internship Assessment: 4x400wd reflective journals (20%), 1x2500wd final project report (60%), attendance (20%) Note: Department permission required for enrolment.
Textbooks Success at Work booklet (distributed at the first workshop)

ARTS2601
Internship 2
Credit points: 6 Session: Semester 1, Semester 2 Classes: 4x2-hr workshops, 15-day/120-hr internship Assessment: 4x400wd reflective journals (20%), 1x2500wd final project report (60%), attendance (20%) Note: Department permission required for enrolment.
Textbooks Success at Work booklet (distributed at the first workshop)

ASNS1601
Introduction to Asian Cultures
Credit points: 6 Session: Semester 1 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Assessment: 1x1000wd essay (40%), 1x2hr exam (40%), tutorial exercises (20%)

This unit introduces key features of traditional Asian societies and
cultures across different periods, up to the present. It lays the
groundwork and provides a basis of comparison for students to
understand the social transformations that these different Asian
societies later underwent in modern times. Issues and themes may
include: religion, ritual, and philosophical thought; sacred kings and
capitals; hierarchy and social order; family, kinship and gender
systems; art, architecture, and archaeology.

ASNS1602
Modernity in Asia
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Assessment: 1x1500wd essay (40%), 1x2hr exam (40%), 1x1000wd tutorial presentation and abstract (20%)

Asia has undergone dramatic and rapid modernisation since the
eighteenth century. Religious change, state-formation, political and
social movements, gender and family, consumer culture, rural
development, urban culture, and modern class structure are some of
the cultural, social, economic and political aspects of Asia’s social
transformation. Through the study of selected Asian societies, this
unit will examine some of these aspects in the contexts of colonialism,
nationalism, postcolonial economic development, and globalisation.

ASNS2623
India: Tradition and Modernity
Credit points: 6 Session: Semester 2, Summer Main Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prerequisites: 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. Assessment: 1x3000wd essay (50%) and 1x1500wd tutorial paper (50%)

Note: This unit is available as a designated ‘Advanced’ unit for students who are already enrolled in the BA (Advanced) degree program.
This unit explores assumptions underpinning Indian thought and culture with specific reference to Indian religious traditions. In particular, traditional notions of the individual, authenticity, and the concept of dharma will be addressed through an exploration of social and political structures, gender and the family, and forms of artistic, literary and religious expression. A key focus will be on the continuity of tradition and its interaction with modernity and the implications this has for understanding today's India.

ASNS2627
India, China, Tibet: Cultural Relations
Credit points: 6
Session: Semester 1
Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week
Prerequisites: 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook.
Assessment: 1x2500wd major essay (35%), tutorial work and presentation (equivalent to 1000wds) (30%), media file (equivalent to 1000wds) (30%), class participation (5%).

While India and China emerge as present-day superpowers, their historical inter-relations are not well known. This unit provides an overview of cultural interactions between Indian and Chinese civilisations, especially as these have shaped Tibetan cultural identity. A key focus is upon how pre-modern cultural interactions with India and China provide ideological contexts within which Tibetan religious and cultural traditions and political institutions developed. This is undertaken in order to understand interactions between all three cultures on the current global stage.

ASNS2631
The Origins of Japanese Tradition
Credit points: 6
Session: Semester 1
Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week
Prerequisites: 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook.
Assessment: 1x1000wd essay (30%), tutorial exercises (40%), 1x2hr exam (30%)

This unit explores the historical validity of key motifs of Japanese ‘tradition’. Through the liberal use of primary sources (texts, pictorial sources and archaeological artifacts) students will gain first-hand knowledge of such diverse topics as the lives of the samurai, imperial authority, Zen monastic life, Japanese architecture, geisha, and the tea ceremony. By attempting to separate stereotype and cliché from history, we will seek to construct a more sober yet ultimately more viable narrative of early Japanese history and culture.

ASNS2632
Modern Japanese Social History
Credit points: 6
Session: Semester 2
Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week
Prerequisites: 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook.
Prohibitions: ASNS3306 Assessment: 1x class presentation (20%), 1x1500wd essay (30%), 1x1.5-hr mid semester exam (30%), 1x test (10%), continuous assessment, including class participation and writing tasks (10%

This unit examines country-specific and transnational social movements in East Asia, including those focused on labour, women, the environment and identity. During the semester we will explore how these movements emerged, what they have sought to achieve, and how successful they have been in promoting social change in the Southeast Asian region. The unit adopts a multi-disciplinary approach based on contemporary case study material from Indonesia, Malaysia, Thailand, the Philippines and Singapore.

ASNS2634
Traditional Korea
Credit points: 6
Session: Semester 1
Classes: 1x2-hr lectures/week, 1x1-hr tutorial/week
Prerequisites: 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook.
Prohibitions: ASNS2501 Assessment: presentation and contribution to tutorial discussions (20%), 1x2500wd essay (40%), and 1x2hr final exam or essay (equivalent to 2000wds) (40%)

This unit inserts the modern and contemporary history of Japan inside its East Asian context. We will examine a dozen key events and
subjects pertaining to the relations between Japan, China and Korea, from the 1840 Opium War until today. Doing so, we will touch many sensitive and controversial topics, become aware of the differing historical consciousness prevalent in these three countries, and understand why the historical question constitutes a major political issue in East Asia.

ASNS3617
Citizens and Politics in China Today
Credit points: 6  Session: Semester 2  Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week  Prerequisites: 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook.  Assessment: classwork (15%), 1x2500wd essay (35%), 1x1000wd writing assignment (15%), 1x oral presentation (15%), 1x1hr test (20%)  Note: This unit will be taught in English, but a Chinese-language tutorial option may be provided. This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.

In China, ideas like 'citizenship', 'rights', and 'community', have come into widespread use over recent years. This unit will explore the way in which these terms are conceptualised and practiced within the People's Republic of China. Using texts (from government documents to popular media) and case studies from different parts of mainland China, this unit will provide a framework for understanding the interplay of social, cultural and political forces that are transforming techniques of local governance in China.

Textbooks
Anthology of readings available online and/or from the University Copy Centre. Chinese-language reading options will also be available

ASNS3618
Popular China
Credit points: 6  Session: Semester 2  Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week  Prerequisites: 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook  Assessment: classwork (10%), 1x1500-2000wd essay (40%), 1 oral presentation based on work for essay (20%), other writing assignment (e.g. portfolio with essay, total of 2000wds) (30%)  This unit of study introduces students to popular culture in Mainland China, Hong Kong, Taiwan and the Chinese Diaspora. From film to television, from music to theatre, from print media to the Internet and from popular literature to visual arts, this unit explores popular Chinese culture as it is generated in Chinese societies and lived by Chinese people. It will cover a range of critical and theoretical perspectives to analyse these phenomena.

ASNS3619
China and Globalisation
Credit points: 6  Session: Semester 1  Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week  Prerequisites: 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook  Assessment: classwork (20%), 1x1hr test (20%), 1x1000wd essay or equivalent writing assignment (20%), 1x2500wd essay (40%)  Note: This unit is available as a designated 'Advanced' unit for students enrolled in the BA (Advanced) degree program.

On the brink of disaster in 1989, China has since become a political and economic power in the world. This unit of study examines the impact of globalisation on China with respect to the multilateral movements of ideas, capital and people. It will explore recent political, economic and social change in China, focusing on responses to China's expanded engagement with the outside world. Due attention will be paid to China's changing relations with its Asian neighbours and with Western countries.

ASNS3690
Approaches to Research in Asian Studies
Credit points: 6  Session: Semester 2  Classes: 1x2-hr seminar/week  Prerequisites: Credit average or above in a minimum of 30 senior credit points of Asian studies or Asian language  Prohibitions: ASNS3902, JNPS3902, CHNS3902, INMS3902  Assessment: classwork (20%), 1x3000wd research proposal (40%), 1x bibliographical exercise (equivalent to 1000wds) (10%), 1x presentation based on draft proposal (10%), critical reviews or other written assignments (equivalent to 2000wds) (20%)  Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program  This unit gives students the opportunity to undertake broad background reading in preparation for the honours thesis. The unit trains students to discuss published work exemplifying a range of approaches to humanistic and/or social scientific research. It thus provides models on which students can draw in creating their own research proposal.  Textbooks
Course reader available from the University Copy Centre

ASNS3801
Asian Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2  Note: Department permission required for enrolment.

ASNS3651
Asian Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2  Note: Department permission required for enrolment.

ASNS3652
Asian Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2  Note: Department permission required for enrolment.

ASNS3653
Asian Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2  Note: Department permission required for enrolment.

ASNS3654
Asian Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2  Note: Department permission required for enrolment.

ASNS3655
Asian Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2  Note: Department permission required for enrolment.

ASNS3656
Asian Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2  Note: Department permission required for enrolment.

ASNS4011
Asian Studies Honours A
Credit points: 12  Session: Semester 1, Semester 2  Classes: Two seminars, each seminar meets weekly for 2 hours for one semester  Prerequisites:  A Credit average or better in the major, plus 12 additional senior credit points, including ASNS3690 Approaches to Research in Asian Studies  Assessment:  A thesis of 18000-20000 words and 6000-8000 words of written work or its equivalent for each seminar.  Note: Department permission required for enrolment.

The Honours program in Asian Studies consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for two hours for one semester.
The thesis should be of 18000-20000 words in length. Each seminar requires 6000-8000 words of written work or its equivalent.
The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.
The following seminars are on offer in 2011:
Semester 1: Theory and Method in Asian Studies (Dr Olivier Ansart) Semester 2: Engaging Asia (Dr Michele Ford)
For more information, contact Dr Olivier Ansart, Honours coordinator.

ASNS4012
Asian Studies Honours B
Credit points: 12  Session: Semester 1, Semester 2  Corequisites: ASNS4011
Refer to ASNS4011
ASNS4013
Asian Studies Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: ASNS4012
Refer to ASNS4011

ASNS4014
Asian Studies Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: ASNS4013
Refer to ASNS4011

Biblical Studies

BBCL1001
Biblical Studies 1
Credit points: 6 Session: Semester 1 Classes: 3x1-hr seminars/week. Attendance and participation in all lectures and tutorials is mandatory. Assessment: class participation (10%), 1xtutorial presentation and report (equivalent to 1500wds) (30%), 1xresearch essay (equivalent to 2000wds) (30%), 1x2hr exam (30%)

This unit provides an introduction to the study of the Bible, focusing on understanding the literary techniques biblical authors used to convey their message when writing narrative, legal and ritual texts. The first five books of the Bible are the focus of textual study in this semester. There are weekly tutorials at which students present papers.

BBCL1002
Biblical Studies 2
Credit points: 6 Session: Semester 2 Classes: 3x1-hr seminars/week. Attendance and participation in all lectures and tutorials is mandatory. Assessment: class participation (10%), 1xtutorial presentation and report (equivalent to 1500wds) (30%), 1xresearch essay (equivalent to 2000wds) (30%), 1x2hr exam (30%)

This unit focuses specifically on narrative books of the Hebrew Bible including Joshua, Judges, Samuel, Kings and Chronicles. The course focuses on the themes of these biblical books, as well as exploring the historical background of the texts and the events they describe. Attention will be directed to other relevant writings of the period in the Ancient Near East. There are weekly tutorials at which students present papers.

BBCL2607
Biblical Poetic Books
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: BBCL1001 or BBCL1002 Assessment: 1x2000wd research essay (40%), 1xtutorial presentation and 1000wd paper (25%), 1x1.5hr exam (equivalent to 1500wds) (35%)

This unit examines the Biblical Poetic Books such as Psalms, the Song of Songs and Lamentations. The main focus of the course is on how the literary conventions of the genre of Hebrew poetry are used by the poets to set out the theological and philosophical concepts the texts are designed to express. These literary conventions will be studied in the light of other Ancient Near Eastern literature of a similar genre.

BBCL2608
Biblical Wisdom Literature
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture, 1x1-hr tutorial/week Prerequisites: BBCL1001 or BBCL1002 Assessment: 1x2000wd research essay (40%), 1xtutorial presentation and 1000wd paper (25%), 1x1.5hr exam (equivalent to 1500wds) (35%)

This unit focuses on the Biblical Wisdom books such as Proverbs, Job and Ecclesiastes. The main focus of the course is on the literary, philosophical and religious aspects of the texts. Issues addressed will include whether the books present a dialectic of orthodoxy (Proverbs) versus challenges to that orthodoxy (Ecclesiastes and Job). Additionally, the unit will explore the relationship between the core Biblical Wisdom books and other literature of similar genre, such as Ben Sira and various writings from Qumran.

BBCL2609
Historical Jesus to Written Gospels
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture, 1x1-hr tutorial/week Prerequisites: BBCL1001 or BBCL1002 or RLST2624 or MGRK2675 or MGRK2676 Assessment: 2000wd research essay (40%), 1x1tutorial presentation and 1000wd paper (25%), 1x1.5hr exam (equivalent to 1500wds) (35%)

This unit examines the relationship between the historical person of Jesus of Nazareth and the literary-theological achievement of the early Christian Gospels (including non-canonical Gospels). Students are encouraged to apply rigorous historical method and careful literary analysis in order to gain a nuanced understanding of how the leader of a Jewish renewal movement became the object of devotion in earliest Christianity. The unit will read Biblical texts in English translation.

BBCL2610
The New Testament as Literature
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: BBCL1001 or BBCL1002 or RLST2624 or MGRK2675 or MGRK2676 Assessment: 1x2000wd research essay (40%), 1x1tutorial presentation and 1000wd paper (25%), 1x1.5hr exam (equivalent to 1500wds) (35%)

This unit of study provides an overview of the New Testament as a literary and theological work, seeking to understand both the early Christian 'story' and the various modes in which it was retold and applied in the first century CE. Students explore the various genres of NT literature, including 'gospel', epistolary forms, parable and apocalyptic. Particular attention is paid to reader-response criticism of the Gospels and intertextuality in the NT epistles. Documents will be read in English translation.

BBCL2801
Biblical In-Country Study A
Credit points: 6 Session: Semester 1, Semester 2 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a "Satisfied Requirements" result at the University of Sydney. Note: Department permission required for enrolment.

Approved course in an overseas tertiary level institution.

BBCL2802
Biblical In-Country Study B
Credit points: 6 Session: Semester 1, Semester 2 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a "Satisfied Requirements" result at the University of Sydney. Note: Department permission required for enrolment.

Approved course in an overseas tertiary level institution.

BBCL4011
Biblical Studies Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: two seminars in semester 1 and one seminar in semester 2, each two hours per week Prerequisites: Credit average in 48 senior credit points from Hebrew, Biblical and Jewish Studies. These credit points must include 24 senior credit points from Biblical Studies and at least 12 senior credit points in Classical Hebrew. Assessment: A thesis of 15000 words and 5000 words of written work or its equivalent for each seminar Note: Department permission required for enrolment.

The Honours program in Biblical Studies consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. two seminars in semester 1 and one seminar in semester 2, each two hours per week
The thesis should be of 15000 words in length. Each seminar will require 5000 words of written work or its equivalent.
The thesis is worth 40% of the final Honours mark and each of the seminars is worth 20%.
The following seminars are on offer in 2011: Biblical Themes (Dr Ari Lobel)

Biblical Texts in Hebrew I (Prof Alan Crown)
Biblical Texts in Hebrew II (Assoc Prof Ian Young)
For more information, contact Dr Ari Lobel, Honours coordinator.

BBCL4012
Biblical Studies Honours B
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: BBCL4011
Refer to BBCL4011

BBCL4013
Biblical Studies Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: BBCL4012
Refer to BBCL4011

BBCL4014
Biblical Studies Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: BBCL4013
Refer to BBCL4011

Celtic Studies

CLST2601
Defining the Celts
Credit points: 6 Session: Semester 1 Classes: 2x1-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 18 junior credit points Assessment: 1x2500wd essay (50%) and 1x2-hr exam (50%)
The 'Celts' are any of those peoples of Europe who speak or spoke a Celtic language. By the Iron Age the Celtic peoples were spread across Europe and across the course of millennia have given rise to a number of European nations and cultures-including the Irish, the Welsh and the Bretons. This unit explores definitions of the Celts, examining their history and development, and provides an overview of their languages.

CLST2602
Old Irish 2
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lecture/week, 1x1-hr tutorial/week Prerequisites: CLST2601 Assessment: 1x2500wd grammar and translation exercise (50%) and 1x2-hr exam (50%)
The unit seeks to give students further insights about Old Irish, building on those achieved by taking Beginners' Old Irish (or equivalent elsewhere). The main focus remains on the grammar of the language, as well as its phonology and orthography; an outline is provided of the history of Irish. Further key texts are read and explicated; the complex metrical patterns of the magnificent poetry are presented.

CLST2603
Middle Welsh 2
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prerequisites: CLST2604 Assessment: 1x2500wd grammar, metrics and translation exercise (50%) and 1x2-hr exam (50%)
Building on the knowledge acquired by following Beginners' Middle Welsh (or equivalent elsewhere), the unit seeks to give students further insights about Middle Welsh. The main focus remains on the grammar of the language, as well as its phonology and orthography; an outline is provided of the history of Welsh. Further key texts are read and explicated; the complex metrical patterns of the beautiful poetry are presented.

CLST2604
Middle Welsh 1
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 18 junior credit points Assessment: 1x2500wd grammar and translation exercise (50%) and 1x2-hr exam (50%)
Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme
Middle Welsh was the language spoken and written in Wales in the Middle Ages (from about the twelfth to the fourteenth century). The most famous text surviving in Middle Welsh is the Mabinogion, a compilation of mythical and legendary material often of much earlier date. In this unit students will develop a knowledge of Middle Welsh grammar and vocabulary and learn to read texts in Middle Welsh.

CLST2605
 CELTS IN HISTORY
Credit points: 6 Session: Semester 2 Classes: 1x2-hr seminar/week Prerequisites: 18 junior credit points Assessment: 1x3500wd seminar paper (70%), 1x2500wd weekly journal (30%)
Finding the Celts in History from c.500 B.C. to the present raises issues of the extent of invasion or migration that has occurred in the past and its role in cultural change, indeed the very nature of cultural change itself. These will be addressed from written sources, material remains and genetic evidence. While this unit stands on its own, its topics have been carefully selected to allow students who have done CLST1001 to explore further the Celtic world.

CLST2606
Old Irish 1
Credit points: 6 Session: Semester 1 Classes: 2x1-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 18 junior credit points Assessment: 1x2500wd grammar and translation exercise (50%) and 1x2-hr exam (50%)
Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree program
Old Irish was the language spoken and written in Ireland in the early Middle Ages and is preserved in a range of records, from Ogham stones to manuscripts. In this unit students will develop a knowledge of Old Irish grammar and vocabulary and learn to read texts in Old Irish.

CLST2607
Modern Irish Linguistics
Credit points: 6 Session: Semester 2 Classes: 2x2-hr lectures/week, 1x1-hr tutorial/week Prerequisites: 12 senior credit points Assessment: 1x2-hr exam (50%) and 1x2000wd essay (50%)
Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree program
The unit develops students' knowledge of linguistics through the detailed study of Modern Irish. The grammar and linguistics of Modern Irish form the major focus; students will bring to the unit a background in language study and/or linguistics. The unit will consider the ways in which Modern Irish differs from other Western European languages, studying syntax and phonology.

CLST2608
Modern Welsh Language and Culture 1
Credit points: 6 Session: Semester 1 Classes: 2x1-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 18 junior credit points Assessment: 2x1500wd essays (46%), 1x2000wd written exam (46%) and 1x500wd oral exam (8%)
Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme
The Welsh language has one of the oldest literary traditions in Europe. This unit will introduce students to this culture by providing them with the basic structure and vocabulary of the language, with an emphasis on the acquisition of oral and written skills of communication through functionally oriented language activities. The language will be studied in the context of Welsh history, literature and society.

CLST2609
Modern Welsh Language and Culture 2
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 18 junior credit points including CLST2608 Assessment: 2x1500wd essays (46%), 1x2000wd written exam (46%) and 1x500wd oral exam (8%)
Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree program
The Welsh language has one of the oldest literary traditions in Europe. The language is widely used today and is the vehicle for a rich culture. In this course the Irish language will be studied in depth (in the context of Welsh history and culture), building on the insights achieved through attending CLST2608.
CLST2610
Modern Irish Language and Culture 1
Credit points: 6  Session: Semester 1  Classes: 2x1-hr lecture/week, 1x1-hr tutorial/week  Prerequisites: 18 junior credit points including CLST2610
Assessment: 1x1000wd essay (46%), 1x2000wd exam (46%) and 1x500wd oral exam (8%)
Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree program

The Irish language has one of the oldest literary traditions in Europe. The language is widely used today and is the vehicle for a rich culture. In this course, the Irish language will be studied in depth in the context of Irish history and culture.

CLST2611
Modern Irish Language and Culture 2
Credit points: 6  Session: Semester 2  Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week  Prerequisites: 18 junior credit points including CLST2610
Assessment: 1x3000wd essay (50%), 1x2000wd exam (30%) and 1x1000wd tutorial presentation (20%)
Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree program

This unit will examine key defining moments in the history of Scottish self-awareness from the Picts to the Enlightenment. Topics may include internal conflict between different groups with different languages, external conflict with the country's nearest neighbours and cultural changes that arose from Scotland's part in the wider events of Europe such as the Reformation. It will concentrate on teaching students to use a variety of primary sources written, artistic and archaeological to elucidate problematic aspects of Scotland's culture.

CLST2612
Scottish History, Identity and Culture
Credit points: 6  Session: Semester 2  Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week  Prerequisites: 18 junior credit points including CLST2610
Assessment: 1x3000wd essay (46%), 1x2000wd exam (46%) and 1x500wd oral exam (8%)
Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree program

This unit is a continuation of Chinese 1A. Emphasis will be on grammar patterns that facilitate speaking and reading skills. On completion, students should have a good grasp of common grammatical patterns and be able to communicate with Chinese native speakers in daily contexts.

Assessment:
- Presentations (40%)
- Writing Projects (30%)
- Classwork (10%)
- Online or individual learning (20%) or all

Textbooks
- Refer to CLST4011

CHNS1101
Chinese 1A (For Beginners)
Credit points: 6  Session: Semester 1  Classes: 1x1-hr lecture/week, 3x1-hr tutorials/week  Prerequisites: Students are strongly advised to take CHNS1601
Assumed knowledge: One semester of Chinese at introductory level
Assessment: classwork (15%), oral presentations (25%), quizzes and exercises (30%), reading/writing tests (30%)

This unit is an introduction to basic communication skills in Modern Standard Chinese for beginners. Foundation work on pronunciation, pinyin romanisation, elementary grammar and the Chinese writing system will be followed by conversational drills, comprehension, reading and writing practice in classwork and homework.

Textbooks
- Refer to CLST4011

CHNS1102
Chinese 1B (For Beginners)
Credit points: 6  Session: Semester 2  Classes: 1x1-hr lecture/week, 3x1-hr tutorials/week  Prerequisites: CHNS1101
Prohibitions: HSC Chinese for Background Speakers, eligibility for CHNS1201 or higher
Assumed knowledge: One semester of Chinese at introductory level
Assessment: classwork (10%), oral presentations (40%), writing projects (30%)

This unit is a continuation of Chinese 1A. Emphasis will be on grammar patterns that facilitate speaking and reading skills. On completion, students should have a good grasp of common grammatical patterns and be able to communicate with Chinese native speakers in daily contexts.

Assessment:
- Presentations (40%)
- Writing Projects (30%)
- Classwork (10%)
- Online or individual learning (20%) or all

Textbooks
- Refer to CLST4011

Refer to CLST4011

Chinese Studies

CHNS1201
Chinese 1C (For Advanced Beginners)
Credit points: 6  Session: Semester 1  Classes: 1x1-hr lecture/week, 3x1-hr tutorials/week  Prerequisites: Students are strongly advised to take CHNS1601
Understanding Contemporary China
Prohibitions: HSC Chinese for Background Speakers, eligibility for higher-level classes
Assumed knowledge: Native- or near-native fluency in a spoken Chinese language (e.g., Putonghua, Cantonese) combined with no, or very limited, knowledge of characters
Assessment: classwork (15%), oral presentations (25%), quizzes and exercises (30%), reading/writing tests (30%)

A fast-paced intermediate unit of study intended primarily for native and fluent "background" speakers of Chinese languages, including Cantonese, who know few (up to about 200) characters or none at all. The objective is rapid development of Chinese-language proficiency to equip students for advanced work in Chinese Studies. Emphases include reading and writing skills and standard Putonghua pronunciation.

Textbooks
- Consult Department
CHNS1202
Chinese 1D (For Advanced Beginners)
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 3x1-hr tutorial/week Prerequisites: CHNS1201 Prohibitions: HSC Chinese for Background Speakers, eligibility for higher-level classes Assumed knowledge: Native- or near-native fluency in a spoken Chinese language (e.g., putonghua, Cantonese) combined with full mastery (reading and writing) of about 400 to 500 characters and at least basic communicative skills in Putonghua Assessment: classwork (10%), oral presentations (20%), vocabulary quizzes (20%), composition tests and exercises (20%), major reading/writing tests (2x15%)
Continuation of Chinese 1C, with similar objectives, pace and workload. By the end of the year, students should be able to read Chinese-language materials of limited complexity, and to discuss them in Putonghua.
Textbooks
Consult Department

CHNS1303
Chinese for Background Speakers 1
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week, 1x2-hr tutorial/week Prerequisites: Must have passed HSC Chinese (Background Speakers) or have completed a major part of their secondary education in Chinese Prohibitions: CHNS1101, CHNS1102, CHNS2601, CHNS2602 Assessment: written assignments (equivalent to 2500wds in English) (50%), 1xoral test (equivalent to 1000wds in English) (20%), 1xwritten class test (equivalent to 1000wds) (30%)
The unit meets the needs of students who have passed HSC Chinese (Background Speakers) or have completed a major part of their secondary education in Chinese. The unit aims to further improve their language skills and cultural awareness. It teaches advanced Chinese communication skills and sensitizes students to differences between Chinese and English languages and discourses. A range of authentic material will be used, drawn from various media and literary sources, covering topics of contemporary interest.

CHNS1304
Chinese for Background Speakers 2
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 1x2-hr tutorial/week Prerequisites: CHNS1303 Prohibitions: CHNS1101, CHNS1102, CHNS2601, CHNS2602 Assessment: 1xwritten assignment (equivalent to 1000wds in English) (20%), 1xmin project (equivalent to 1500wds in English) (30%), 1xoral presentation (equivalent to 1000wds in English) (20%), 1xwritten class test (equivalent to 1000wds in English) (30%)
The unit is a continuation of CHNS1303. It aims to further improve language skills and cultural awareness of students who have passed HSC Chinese (Background) or have completed a major part of their secondary education in Chinese. It teaches advanced Chinese communication skills, including basic academic research skills in Chinese writing and oral presentation, through dealing with a range of authentic material beyond that covered in CHNS1303.

CHNS1601
Understanding Contemporary China
Credit points: 6 Session: Semester 1 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prohibitions: ASN1101 Assessment: 1x2000wd essay (40%), 1xin-class test (30%), 1xclass presentation (equivalent to 1000 wds) (20%) and tutorial participation (10%)
This unit of study introduces key topics essential to understanding contemporary Chinese society and culture, including geography and environment, recent social and political change, art, literature and cultural practice, population and economic structure, education systems and issues of gender and sexuality. As a foundational unit in Chinese studies, it assumes no background knowledge of China or the Chinese language. It will be taught in English with an interdisciplinary approach.
Textbooks

CHNS2601
Chinese 2A (Lower Intermediate)
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week, 4x1-hr tutorials/week Prerequisites: CHNS1102 Prohibitions: HSC Chinese for Background Speakers or equivalent, CHNS2101 Assumed knowledge: One year (approx. 5 hours per week for 26 weeks) of Chinese at introductory level Assessment: classwork (10%), short compositions (equivalent to 1000wds) (15%), oral tests (35%) and in-class tests (40%)
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. On completion of this unit of study, students should be able to engage in real life communication, write short compositions and read fluently within their vocabulary range.
Textbooks

CHNS2602
Chinese 2B (Lower Intermediate)
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 4x1-hr tutorials/week Prerequisites: CHNS2601 or CHNS2102 Prohibitions: HSC Chinese for Background Speakers or equivalent, CHNS2102 Assumed knowledge: Sound intermediate knowledge of Modern Standard Chinese, including full mastery of about 1000 characters (preferably full-form). Assessment: classwork (10%), short compositions (equivalent to 1000wds) (15%), oral tests (35%) and in-class tests (40%)
Continuation of Chinese 2A, with similar workload. Rapid enhancement and expansion of essential Chinese-language skills (proficiency in listening and speaking, reading comprehension, dictionary use, character knowledge, etc.). On completion of this unit of study, students be able to read Chinese-language materials of limited complexity and to discuss their content orally and write short compositions.
Textbooks

CHNS2611
Classical Chinese A
Credit points: 6 Session: Semester 1 Classes: 3x1-hr tutorials/week Prerequisites: CHNS1102 or CHNS2102 or CHNS2602 or CHNS3602 or CHNS3604 or CHNS2102 or CHNS3104 or CHNS2903 Prohibitions: HSC Chinese for Background Speakers (or equivalent), CHNS2111, CHNS2903, CHNS313 Assumed knowledge: Minimum of one year of Chinese at introductory level. Assessment: classwork (10%), 2x30-minute tests (10%), 3x40-minute tests (60%), 1xreading project resulting in 1500wd essay (20%)
Note: Department permission required for enrolment.
Foundation work in Classical Chinese, an ancient language that still plays a role in modern China and that often challenges Western notions of how languages behave. Students will develop a basic understanding of the grammar and vocabulary, thus equipping themselves for exploration of China's distinctive philosophical and literary traditions in the original language. They will undertake supplementary reading in English on a topic of their choice, thus enriching their knowledge of premodern Chinese culture.
Textbooks

CHNS2612
Classical Chinese B
Credit points: 6 Session: Semester 2 Classes: 3x1-hr tutorials/week Prerequisites: CHNS2611 or CHNS2111 or HSC Chinese for Background Speakers or CHNS3131 or CHNS2903 Prohibitions: CHNS2112, CHNS2904, CHNS3134 Assessment: classwork (10%), 50-minute tests (3x20%), homework exercises (10%), 1xreading project resulting in a 1500wd essay (20%)
Continued study of Classical Chinese grammar and vocabulary through original texts. Students will gain the knowledge and confidence to explore a wider range of ancient and early-imperial Chinese philosophical and literary writings, including some poetry, thereby acquainting themselves with certain major authors in the Chinese tradition. Supplementary reading in English will enable them to broaden...
and deepen their understanding of Chinese culture while practising some basic research skills.

Textbooks

CHNS3601
Chinese 3A (Upper Intermediate)
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week, 3x1-hr tutorials/week Prerequisites: CHNS2602 or CHNS3102 Prohibitions: HSC Chinese for Background Speakers, CHNS3103 Assumed knowledge: Two years of university-level Chinese-language instruction for students without prior knowledge of Chinese Assessment: classwork (10%), oral presentations (30%), writing assignments (20%), in-class tests (40%)

Upper-intermediate unit of study in Modern Standard Chinese. Proficiency in reading will be developed through study of Chinese-language texts on a range of social and cultural topics. Speaking, listening, reading and writing will be enhanced through advanced language exercises, including composition and discussion, with due attention to the more sophisticated skills (e.g., use of appropriate registers, intelligent dictionary use, expressing ideas on more complex issues than at lower-intermediate level).

Textbooks

CHNS3602
Chinese 3B (Upper Intermediate)
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 3x1-hr tutorials/week Prerequisites: CHNS3601 or CHNS3103 Prohibitions: HSC Chinese for Background Speakers, CHNS3104 Assumed knowledge: Two and a half years of university-level Chinese-language instruction for students without prior knowledge of Chinese Assessment: Classwork (10%), oral presentations (30%), writing assignments (20%), in-class tests (40%)

Continuation of Chinese 3A (Upper Intermediate). Continuing development of Chinese-language literacy through study of texts on a range of social and cultural topics, including some authentic literary texts. Further enhancement of speaking, listening and writing skills through advanced language exercises, including composition and discussion. Upon completion, students should be comfortable with both full-form and simplified characters, use dictionaries and language registers discerningly, and be confident of their ability to express ideas and arguments effectively in Chinese.

Textbooks

CHNS3603
Chinese 4A (Advanced)
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week, 2x1-hr tutorials/week Prerequisites: CHNS1202 or CHNS2602 or CHNS3104 Prohibitions: HSC Chinese for Background Speakers, CHNS2203, CHNS3204 Assessment: classwork (10%), in-class tests (40%), oral presentation (30%) and Chinese-language writing assignments (20%)

Advanced training in modern Chinese language, with a focus on reading. By studying a range of literary and non-literary texts, graded for difficulty, students will acquire the reading skills necessary for advanced work in Chinese Studies. They will enrich their knowledge of Chinese as a vehicle for discussion of important issues, while developing their own skills in oral and written expression of relatively complex subject matter.

Textbooks

CHNS3604
Chinese 4B (Advanced)
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 2x1-hr tutorials/week Prerequisites: CHNS3603 or CHNS3203 Prohibitions: HSC Chinese for Background Speakers, CHNS2204 Assessment: classwork (10%), in-class tests (40%), oral presentations (30%) and Chinese-language writing assignments (20%)

Continuation of Chinese 4A (Advanced). Further training in the reading skills necessary for advanced work in Chinese Studies or professional work requiring Chinese-language literacy. Students will gain familiarity with a broader range of literary and non-literary texts reflecting the concerns of Chinese people in the modern world, while enhancing their ability to discuss complex subject matter in both spoken and written Chinese.

Textbooks

CHNS3611
Chinese for Specific Purposes 1
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week, 2x1-hr tutorial/week Prerequisites: CHNS3602 or CHNS3604 Prohibitions: CHNS3605 and CHNS3606 Assessment: 1xwritten assignment (40%), oral presentations (30%), 1x1000wd research project (20%), classwork and participation (10%)

This unit of study is intended for students who have a sound intermediate competence of Modern Standard Chinese and wish to study the language for specific purposes. The unit provides training in basic knowledge of Chinese terms, etiquette and ethics in different professions, such as medicine, law, engineering and business. It will enhance students’ practical communication skills in different social and professional contexts. It will also help them develop a general understanding of inter-professional knowledge in Chinese.

CHNS3612
Chinese for Specific Purposes 2
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 2x1-hr tutorial/week Prerequisites: CHNS3611 Prohibitions: CHNS3605 and CHNS3606 Assessment: 1xwritten assignment (40%), oral presentations (30%), 1x1000wd research project (20%), classwork and participation (10%)

The unit is a continuation of CHNS 3611. It aims to further improve students’ Chinese communication skills for specific purposes. The unit provides training in advanced knowledge of Chinese terms, etiquette and ethics in different professions, such as medicine, law, engineering and business. It will focus on a wide range of genres, including case studies in different social and professional contexts. It will enhance students’ analytical and practical communication skills in Chinese.

CHNS3633
Lu Xun and China’s Modern Literature
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 12 junior non-language credit points from Table A of the Table of Units of Study in the Faculty of Arts Assumed knowledge: No knowledge of the Chinese language or literature is required Assessment: classwork (10%), 1x2500wd essay (40%), other written assignments, (e.g. discussion report) (equivalent to 1500wds) (30%), oral assignments, (e.g. presentation plus discussion leadership) (20%)

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

Lu Xun was one of the most influential Chinese writers in the early decades of the twentieth century. The works of Lu Xun and his contemporaries marked the emergence of a modern Chinese literature that reflected its proponents’ anxiety for sociocultural change and national salvation, absorbed external influences, and was intended to reach a wide readership. This unit of study highlights works by Lu Xun and other major authors in the context of the intellectual history of the time.

Textbooks
Reader available from the University copy centre

CHNS3634
Gender in Modern Chinese Literature
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 12 junior non-language credit points from Table A of the Table of Units of Study in the Faculty of Arts Assumed knowledge: No knowledge of the Chinese language or literature is required Assessment: classwork (10%), 1x2500wd essay (40%), group debate (20%), oral assignments (30%)
Recent research on gender and related issues in Chinese cultural context has transformed conventional ideas about the roles of women in the Chinese world. This unit of study will illustrate the value of gender-sensitive scholarship by focusing on literary studies. Students will learn fresh approaches to the study of Chinese society and culture by examining the representation of gender and sexuality in (mainly) modern Chinese literature.

Textbooks
Reader available from the University Copy Centre

CHNS3640 Chinese History Through Chinese Eyes
Credit points: 6 Session: Semester 2 Classes: 3x1-hr tutorials/week Prerequisites: CHNS2612 or CHNS2112 or CHNS2904 or CHNS1314 Prohibitions: CHNS3561 Assumed knowledge: Basic knowledge of Classical Chinese Assessment: classwork (20%), 1x1hr test (30%), 1x2000wd essay (30%), additional written assignments and tests (equivalent to 1500wd) (20%)
Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program

How did the early Chinese come to develop one of the world's great historiographical traditions? In their narratives of both exemplary and counter-exemplary behavior, what sort of personal qualities were thought to influence the course of history? How was social change perceived? Was there an understanding of "impersonal" forces of history, such as economics? These and other questions will be explored as we read in the rich sources left by premodern China's own historians.

Textbooks
Consult Department

CHNS3647 Classical Chinese Poetry
Credit points: 6 Session: Semester 1 Classes: 3x1-hr tutorials/week Prerequisites: CHNS2612 or CHNS2112 or CHNS1314 or CHNS2904 Prohibitions: CHNS3441, CHNS3541 Assessment: classwork (15%), 1x2000wd essay (30%), 1hr tests (2x20%), 1xoral presentation (15%)

An outstanding achievement of Chinese culture has been a vast corpus of poetry, remarkable for its aesthetic qualities and political and cultural importance. In this unit, the development and distinctive features of classical poetry will be explored through selected poems representing various genres and periods. One or two genres may be studied in greater depth, such as the ancient, richly symbolic Chu ci, the poetry of the great Tang masters, or the innovative lyric verse of the Song dynasty.

Textbooks
Consult Department

CHNS2650 Chinese In-Country Study A
Credit points: 6 Session: Semester 1, Semester 2 Prerequisites: CHNS1102 or CHNS1202 (or a sequel within the same stream); or any senior CHNS unit of study whose numeric code has 60 as the second and third digits. Native speakers of Chinese who can read Chinese fluently and seek special permission to undertake in-country study after first year must present a coherent academic rationale to the department. Assumed knowledge: At least a year of Modern Standard Chinese at tertiary level (or equivalent). The department recommends that students complete at least two semesters of Chinese prior to undertaking a full semester of in-country study. Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a "Satisfied Requirements" result at the University of Sydney. Note: Department permission required for enrolment.

Enrolment in an approved semester-based program of study (normally intermediate or advanced Modern Standard Chinese language) at a tertiary institution in China or Taiwan. Students can earn 6 credit points for every 52 hours of Chinese-language class in China or Taiwan, to a maximum of 24 credit points in any one semester. Credit may also be awarded at the rate of 6 credit points per 4 full weeks of intensive study after completion of an approved summer in-country Chinese-language program.

CHNS2651 Chinese In-Country Study B
Credit points: 6 Session: Semester 1, Semester 2 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a "Satisfied Requirements" result at the University of Sydney. Note: Department permission required for enrolment.

All details as for CHNS2650.

CHNS2652 Chinese In-Country Study C
Credit points: 6 Session: Semester 1, Semester 2 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a "Satisfied Requirements" result at the University of Sydney. Note: Department permission required for enrolment.

All details as for CHNS2650.

CHNS2653 Chinese In-Country Study D
Credit points: 6 Session: Semester 1, Semester 2 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a "Satisfied Requirements" result at the University of Sydney. Note: Department permission required for enrolment.

All details as for CHNS2650.

CHNS2654 Chinese In-Country Study E
Credit points: 6 Session: Semester 1, Semester 2 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a "Satisfied Requirements" result at the University of Sydney. Note: Department permission required for enrolment.

All details as for CHNS2650.

CHNS2655 Chinese In-Country Study F
Credit points: 6 Session: Semester 1, Semester 2 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a "Satisfied Requirements" result at the University of Sydney. Note: Department permission required for enrolment.

All details as for CHNS2650.

CHNS2656 Chinese In-Country Study G
Credit points: 6 Session: Semester 1, Semester 2 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a "Satisfied Requirements" result at the University of Sydney. Note: Department permission required for enrolment.

All details as for CHNS2650.

CHNS2657 Chinese In-Country Study H
Credit points: 6 Session: Semester 1, Semester 2 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a "Satisfied Requirements" result at the University of Sydney. Note: Department permission required for enrolment.

All details as for CHNS2650.

CHNS1801 Chinese Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

This unit exists solely as an enrolment option for students who wish to study elementary Chinese while on exchange. Students who plan to study intermediate or advanced Chinese in China or Taiwan should seek department permission to enrol in a "Chinese In-Country Study" unit instead.

CHNS1802 Chinese Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

See under CHNS1801.

CHNS2810
Chinese Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

This unit exists solely as an enrolment option for students who wish to study Chinese while on exchange at a university elsewhere than in China or Taiwan. Students who plan to study intermediate or advanced Chinese in China or Taiwan should seek department permission to enrol in a "Chinese In-Country Study" unit instead.

CHNS2811
Chinese Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

See under CHNS2810.

CHNS2812
Chinese Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

See under CHNS2810.

CHNS2813
Chinese Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

See under CHNS2810.

CHNS4011
Chinese Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: Two or three seminars, each meets weekly for two hours for one semester Prerequisites: The minimum requirements for admission to Honours are as follows: (1) a major in Chinese Studies plus sufficient additional credit points selected from other China-focused units of study to reach 48 senior credit points; and (2) a Credit average in all qualifying units of study. In addition, ASNS3690. Approaches to Research in Asian Studies is strongly recommended and may be counted towards the required 48 senior credit points by all students except those whose qualifying senior credit points include CHNS2801 (or 2101) and/or CHNS2802 (or 2102). Intending Honours students are advised to take as many senior credit points as possible in Chinese language and China-related subjects. Assessment: a thesis of 18000-16000 words and two seminars or a thesis of 12000 - 15000 words and three seminars Note: Department permission required for enrolment.

The Honours program in Chinese Studies consists of:
1. a long thesis written in English (18000 - 20000 words) and two seminars. The thesis is worth 60% of the final Honours result and the seminars 40% (each seminar 20%) or
2. a short thesis in English (12000 - 15000 words) and three seminars. The thesis is worth 40% of the final Honours result and the seminars 60% (each seminar 20%).

The following seminars are on offer in 2011: Semester 1: Theory and Method in Asian Studies (Dr Olivier Ansart) Semester 2: Engaging Asia (Dr Michele Ford) In consultation with the supervisor and with the approval of the Chair of the Department, students can also select seminars from other programs in the Faculty of Arts. The Department also offers joint Honours supervision with other programs.
For more information, contact Dr Yiyi Wang, Chair of Chinese Studies in semester 1 or Dr Linda Tsung, Acting Chair of Chinese Studies in semester 2.

CHNS4012
Chinese Honours B
Credit points: 12 Session: Semester 1, Semester 2 Prerequisites: See under CHNS4011. Corequisites: CHNS4011

Refer to CHNS4011

CHNS4013
Chinese Honours C
Credit points: 12 Session: Semester 1, Semester 2 Prerequisites: See under CHNS4011. Corequisites: CHNS4012

Refer to CHNS4011

CHNS4014
Chinese Honours D
Credit points: 12 Session: Semester 1, Semester 2 Prerequisites: See under CHNS4011. Corequisites: CHNS4013

Refer to CHNS4011

Classical Studies

CLCV1801
Classical Civilisation Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

See under CHNS2810.

CLCV1802
Classical Civilisation Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

CLSS2804
Classical Civilisation Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

CLSS2805
Classical Civilisation Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

CLSS4011
Classics Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: two seminars, each meeting for 3 hours per week for one semester Prerequisites: Either credit average in 36 senior credit points of Latin, including two of LATN3603, 3604, 3605, 3606 plus 18 additional senior credit points of Greek OR credit average in 36 senior credit points of Greek, including two of GRKA3603, 3604, 3605, 3606 plus 18 additional senior credit points of Latin. Assessment: a thesis of 15,000 words, 6,000 words of written work or its equivalent for each seminar and one exam Note: Department permission required for enrolment.

The Honours program in Classics consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for three hours for one semester
3. one unseen exam on either a Greek or a Latin text.

The thesis should be of 15,000 words in length. Each seminar requires 6,000 words of written work or it equivalent.

The thesis is worth 45% of the final Honours mark, each of the seminars is worth 22.5% and the unseen exam is worth 10%.

The following seminars are on offer in 2011: Greek Epic (Prof Eric Casparo) Greek Philosophical Texts (Assoc Prof Rick Benitez) Latin Imperial Poetry (Assoc Prof Lindsay Watson) Latin Republican Prose (Dr Robert Cowan)
For more information, contact Dr Alastair Blanshard, Honours coordinator.

CLSS4012
Classics Honours B
Credit points: 12 Session: Semester 1, Semester 2 Prerequisites: Refer to CLSS4011 Corequisites: CLSS4011 Assessment: Refer to CLSS4011
This unit examines academic and popular cultural ideas about youth presentation (10%), 1x1500 word write-up of presentation (30%), 1x2000 word essay (40%) and 1x1 hour tutorial per week.

Credit points: 6 Session: Semester 1, Semester 2 Prerequisites: Refer to CLSS4011
Corequisites: CLSS4012 Assessment: Refer to CLSS4011

Refer to CLSS4011

CLSS4014
Classics Honours D
Credit points: 12 Session: Semester 1, Semester 2 Prerequisites: Refer to CLSS4011
Corequisites: CLSS4013 Assessment: Refer to CLSS4011

Refer to CLSS4011

Cultural Studies

GCST1601
Introduction to Cultural Studies
Credit points: 6 Session: Semester 1, Winter Main Classes: 1x2 hour lecture and 1x1 hour tutorial/week Assessment: 1x online reflective learning journal equivalent to 2000 words (40%), 1x group presentation (10%), 1x2000 word essay (40%) and participation (10%)

Cultural studies explores everyday life, media and popular culture. It shows us how we can make sense of contemporary culture as producers, consumers, readers and viewers, in relation to our identities and communities. How do various cultural texts and practices convey different kinds of meaning and value? Drawing upon key approaches in the field, students will learn how to analyse cultural forms such as advertising, television, film and popular music.

GCST2606
Genres in Cultural Context
Credit points: 6 Session: Semester 2 Classes: 1x1 hr lecture/week, 1x1 hr tutorial/week, 1x1 hr online or media work/week Prerequisites: 18 Junior credit points Assessment: participation (15%), 1x group presentation with 500wd precis (15%), 2x journals (totaling 800 words) (20%), 1x1000wd paper (25%), 1x1500wd paper or creative project (25%)

This unit introduces students to some theories of genre and to textual examples of specified genres. Several genres will be studied; possible examples may include romance, soap opera, sci-fi, horror, the musical, music video, and reality TV. Examples will be drawn from different media and from both popular and "high" culture. Key themes will include the place of gender in genre and the role of textual conventions in structuring meaning.

GCST2608
Gender, Communities and Belonging
Credit points: 6 Session: Semester 1 Classes: 1x2 hr lecture/week, 1x1 hr tutorial/week Prerequisites: 18 Junior credit points Assessment: 1x500wd critical close reading task (20%), 1x1750wd essay (35%), 1x1750wd take-home exam (35%) and participation (10%)

This unit 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 unit is divided into 2 sections: Gender, Community and Difference; and Foucault, Power and Governance.

GCST2612
Youth Cultures
Credit points: 6 Session: Semester 1, Summer Late Classes: 1x2 hour lecture and 1x1 hour tutorial/per week Prerequisites: 18 Junior credit points Prohibitions: WMST2008 Assessment: 1x500wd tutorial presentation (10%), 1x1500wd word write-up of presentation (30%), 1x2000 word essay/take-home exam (50%)

This unit examines academic and popular cultural ideas about youth and practices of youth culture. It will introduce students to some of the current parameters for studying youth cultural forms, practices and theories by drawing on research with young people. Points of focus will include discussion of youth, youth subcultures, film depictions of youth cultures, youth arts and critical perspectives on schooling. These seemingly diverse narratives and sites are brought together by the fact that they all play roles in shaping the lived experience of contemporary youth culture.

GCST2613
Everyday Life: Theories and Practices
Credit points: 6 Session: Semester 1 Classes: 1x1 hr lecture/week, 1x1 hr tutorial/week Prerequisites: 18 Junior credit points Prohibitions: GCST2611 Assessment: 1x1000wd close reading assignment (20%), 1x2000wd observation task assignment (30%), 1x2000wd critical essay or photo essay (30%) and 1x1000wd group presentation (20%)

While much of our knowledge of everyday life is taken for granted, often considered ordinary or banal, the field of everyday life studies has provided one of the most important contributions to Cultural Studies. Drawing on critical thinkers including Henri Lefebvre, Michel de Certeau and Raymond Williams as well as feminist approaches to the study of the everyday, this unit will explore some of the defining theories, practices and research methods in this exciting new field.

GCST3603
Consumer Cultures
Credit points: 6 Session: Semester 1 Classes: 1x1.5 hr lecture/week, 1x1 hr tutorial/week Prerequisites: 18 Junior credit points Prohibitions: at least 6 credit points in GCST Prohibitions: WMST3003 Assessment: participation (10%), journal exercises (equivalent to 1500 words) (20%), 1x1500wd essay (20%), and 1x2000wd essay (50%)

From the theoretical basis of cultural studies, this unit examines the ways in which identities are increasingly formed through consumption. It looks both at critiques of consumer societies and at more optimistic theories about the different forms of life that are promoted by consumer culture, including the forms of identity and belonging they engender. We will consider elements of both material culture (e.g. possessions) and media culture.

GCST3604
Cultural Theory
Credit points: 6 Session: Semester 2 Classes: 1x2 hr lecture/week, 1x1 hr tutorial/week Prerequisites: GCST Assessment: 3x500wd responses to readings (45%), choice of 1x2500wd take-home exam or 1x2500wd research essay (35%), and participation in class and online (20%)

Cultural Studies was widely discussed as one of the "New Humanities" in the 1990s, but a long history of debates about and theories of culture precede the discipline, and the processes of deciding what are the key texts and concepts of Cultural Studies is ongoing. This unit overviews core and the most frequently referenced critical and theoretical texts from the Cultural Studies "canon". Students will also undertake reading and analysis exercises designed to help them come to grips with using "theory" in their own work.

GCST2812
Cultural Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

GCST2813
Cultural Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

GCST2814
Cultural Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

GCST2815
Cultural Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2

Refer to CLSS4011

CLSS4013
Classics Honours C
Credit points: 12 Session: Semester 1, Semester 2 Prerequisites: Refer to CLSS4011
Corequisites: CLSS4012 Assessment: Refer to CLSS4011

Refer to CLSS4011

Credit points: 12 Session: Semester 1, Semester 2 Prerequisites: Refer to CLSS4011
Corequisites: CLSS4013 Assessment: Refer to CLSS4011

Refer to CLSS4011
Arts units of study

GCST2816
Cultural Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

GCST2817
Cultural Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

GCST2818
Cultural Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

GCST2819
Cultural Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

GCST4011
Cultural Studies Honours A
Credit points: 12  Session: Semester 1, Semester 2  Classes: one class of 2-3hrs/week for each seminar
Prerequisites: Credit average in 48 senior credit points of Cultural Studies, including GCST2601 (or WMST2001)
Assessment: a thesis of 15000 words and 6000 words of written work or its equivalent for each seminar
Note: Department permission required for enrolment.

The Honours program in Cultural Studies consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. one seminar that meets weekly for 3 hours for one semester and two seminars that meet weekly for 2 hours for one semester
3. non-assessable participation in an Honours "mini-conference" that runs for half a day early in semester 2.

The thesis should be of 15,000 words in length. Each seminar requires 6,000 words of written work or its equivalent.

The thesis is worth 40% of the final Honours mark and each of the seminars is worth 20%.

The following seminars are on offer in 2011:

Arguing the Point (Dr Melissa Gregg) (Sem 1)
Philosophy in the Feminine (Sem 1)
Sport, Media and Gendered Cultures (Sem 1)
Modernism, Modernity and Modern Culture (Dr Natalya Lust) (Sem 2)
Identity, Place and Culture (Prof Meaghan Morris) (Sem 2)

For more information, contact Dr Melissa Gregg, Honours coordinator.

GCST4012
Cultural Studies Honours B
Credit points: 12  Session: Semester 1, Semester 2
Prerequisites: Refer to GCST4011
Corequisites: GCST4011

Refer to GCST4011

GCST4013
Cultural Studies Honours C
Credit points: 12  Session: Semester 1, Semester 2
Prerequisites: Refer to GCST4011
Corequisites: GCST4012

Refer to GCST4011

GCST4014
Cultural Studies Honours D
Credit points: 12  Session: Semester 1, Semester 2
Prerequisites: Refer to GCST4011
Corequisites: GCST4013

Refer to GCST4011

GCST4010
Arguing the Point
Credit points: 6  Session: Semester 1  Classes: 1x2-hr seminar/week
Prerequisites: Credit average in 48 senior credit points of Gender Studies, including GCST2602 (or WMST2002) OR credit average in 48 senior credit points of Cultural Studies, including GCST2601 (or WMST2001)
Assessment: a thesis of 4000-6000 words of written work or its equivalent

Note: Department permission required for enrolment. Note: The Honours in Gender Studies and Honours in Cultural Studies programs are structured in the same way. For each, a student must enrol in GCST4101 Arguing the Point and GCST4102 Research Skills. Every student then takes four Honours Thesis units and two Honours Seminar units, in Gender Studies or Cultural Studies respectively. It is also possible to do combined Honours by enrolling in one Seminar and two Thesis units from each discipline. All Honours students are also expected to attend the Departmental research seminar series. Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010.

GCST4111
Cultural Studies Honours Seminar A
Credit points: 6  Session: Semester 1, Semester 2  Classes: 1x2-hr seminar/week
Corequisites: GCST4101
Assessment: 4000-6000 words of written work or its equivalent

Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101

GCST4112
Cultural Studies Honours Seminar B
Credit points: 6  Session: Semester 1, Semester 2  Classes: 1x2-hr seminar/week
Corequisites: GCST4101
Assessment: 4000-6000 words of written work or its equivalent

Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101

GCST4113
Cultural Studies Honours Thesis A
Credit points: 6  Session: Semester 1, Semester 2
Corequisites: GCST4101
Assessment: Consultations with a supervisor appointed by the Department, as determined between the student and the supervisor
Corequisites: GCST4101
Assessment: 15000 word thesis

Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101

GCST4114
Cultural Studies Honours Thesis B
Credit points: 6  Session: Semester 1, Semester 2
Corequisites: GCST4101
Assessment: Consultations with a supervisor appointed by the Department, as determined between the student and the supervisor
Corequisites: GCST4101
Assessment: 15000 word thesis

Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101

GCST4115
Cultural Studies Honours Thesis C
Credit points: 6  Session: Semester 1, Semester 2
Corequisites: GCST4101
Assessment: Consultations with a supervisor appointed by the Department, as determined between the student and the supervisor
Corequisites: GCST4101
Assessment: 15000 word thesis

Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101

Refer to GCST4113
Digital Cultures

ARIN2600

Technocultures

Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week commencing week 2 Prerequisites: 18 junior credit points Prohibitions: ARIN3000 Assessment: 1x1500wd influence analysis (30%), 1x500wd discussion-leading and report (15%), 1x2000wd essay (40%), participation (15%)

Technocultures explores how technology and culture are bound together in increasingly complex ways. Information and communication technologies in particular contribute to widespread reconfigurations of writing, sociality, politics, embodiment, aesthetics, perception, memory and thought itself. Drawing on recent critical theory and cultural research, this unit unravels the complex interplay between humans and technologies.

Textbooks
ARIN2600 Course Reader
Recommended reading:
Murphy, Andrew and John Potts (2003) Culture and technology, London: Palgrave MacMillan

ARIN2610

Web Production

Credit points: 6 Session: Semester 2, Summer Main Classes: 1x1-hr lecture/week, 1x2-hr workshop/week commencing week 2 Prerequisites: 18 junior credit points Prohibitions: ARIN2100 Assessment: 1x500wd wiki entry (15%), 1x1500wd website review (25%), 1x1500wd website project (35%), participation and workshops (25%)

Where web production was once the domain of technical specialists, it has become an everyday activity. The challenge now is to do it well. Learn key concepts and skills for the analysis and production of media for the World Wide Web. Critically examine contemporary writing practices and design methodologies in emerging forms of internet content authoring and distribution. Learn a range of content creation tools and develop strategies for building and managing web content in ways appropriate to specific contexts.

Textbooks
Readings will be supplied online
Recommended reading:
Sarah Horton, 2005
Access by Design: A Guide to Universal Usability for Web Designers
http://universalusability.com/access_by_design/

ARIN2620

Cyberworlds

Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week commencing week 2 Prerequisites: 18 junior credit points Prohibitions: ARIN2200 Assessment: 1x2000wd essay (40%), 1x1500wd report (20%), 1x1000wd case study (25%), participation (25%)
Note: May be cross-listed for a Sociology major

Are online encounters different from face-to-face encounters? Are online communities 'real' communities? How do online identities relate to offline identities? This unit of study introduces students to key perspectives, themes and debates in the expanding world of cyberspace and cyberworld communities including social networking sites, games and virtual worlds. Students will also investigate how new forms of user-generated content and participatory media are shaping our cyberworld experiences.

Textbooks
ARIN2620 Course Reader

ARIN2630

Digital Arts

Credit points: 6 Session: Semester 1 Classes: 1x2hr lecture/week and 1x1hr tutorial/week commencing week 2 Prerequisites: 18 junior credit points Prohibitions: ARIN2300 Assessment: 1x1500wd essay (30%), 1x1000wd art review (25%), 1x2000wd exhibition proposal (30%), participation (15%)
Note: May be cross-listed for an Art History and Theory major

This unit of study introduces students to a diverse range of art practices that utilise new digital media including: interactive art works, digital media installations, net art and art and science projects. Students will learn about the aesthetic and technical dimensions of new digital technologies and will develop the critical and analytical tools with which to discuss and evaluate digital art works.

Textbooks
ARIN2630 Course Reader
Recommended reading:

ARIN3620

Researching Digital Cultures

Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week commencing week 2 Prerequisites: 18 senior credit points Prohibitions: ARIN2000 Assessment: 1x2000wd research blog (40%), 1x2500wd research proposal (45%), participation (15%)

How do people use new media technologies? To answer this question you need to know how to conduct research: a systematic investigation using carefully chosen and ethically sound methods. In this unit students prepare a research proposal to improve knowledge about the social implications of the latest developments in information technologies. They build their methodology by choosing a combination of methods: ethnography, interviews, surveys, online methods, discourse analysis, content analysis or case studies.

Textbooks
ARIN3620 Course Reader
Recommended reading:

ARIN3640

Computer Games and Simulation

Credit points: 6 Session: Semester 1, Summer Main Classes: 1x1-hr lecture/week, 1x2-hr seminar/week Prerequisites: 18 junior credit points Assessment: 1x1000wd exercise (20%), 1x1500wd analysis (30%), 1x1500wd equivalent design project (35%), participation (15%)

From first person shooters to massively multiplayer environments, computer games are rapidly emerging as distinctive cultural forms. The screen languages of interaction and simulation are diverging from and complicating cinematic and televisual conventions. Simulation and visualisation technologies and techniques have developed across many fields. This unit of study introduces students to key concepts and methodologies in computer games and simulation. It combines critical and historical readings in games studies, new media theory and interaction design with hands-on exercises.

Textbooks
Readings will be supplied online
Recommended reading:

ARIN3650

Digital Cultures Project 1

Credit points: 6 Session: Semester 1 Classes: 1x2-hr seminar/week Prerequisites: ISYS3403 (ISYS3113), ISYS3400 (ISYS3207) and ARIN3620 (ARIN2000) Prohibitions: ARIN3500, ARIN3600 Assessment: 1x1000wd article (20%), 1x1500wd report (20%), 1x3000 word project proposal (40%), participation (20%)

In this unit, students work in groups to research and develop a detailed proposal for a Digital Cultures project. They identify an actual client and prepare the scope and design for the project. This gives BA
(Digital Technology and Culture) students the opportunity to apply, extend and inter-relate skills and knowledge gained from their Information Systems major, Arts major, and Digital Technology and Culture units. The proposal forms the basis of the ARIN3660 project.

**ARIN3660**

**Digital Cultures Project 2**

**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 1x12-hr seminar/week  
**Prerequisites:** ISYS3403 (ISYS3113), ISYS3400 (ISYS2207), ARIN3620 (ARIN2000) and ARIN3650  
**Prohibitions:** ARIN3500, ARIN3600  
**Assessment:** 1x2000wd equivalent project prototype and presentation (50%), 1x2500wd project prototype and documentation (20%), 1x1000 project report (20%), participation (10%)  

In this unit of study students develop a prototype of the Digital Cultures project that they proposed in ARIN3650. Through this project they will demonstrate strategies, skills and knowledge from their studies in Information systems, the Arts, including units in the Digital Technology and Culture Program.

Textbooks  
ARIN3660 Course Reader

**ARIN3670**

**Digital Cultures Internship**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Prerequisites:** ARIN1000 and either ISYS1003 or INFO1000 or INFO1003; 36 senior credit points of ARIN and ISYS/INFO  
**Corequisites:** ARIN3680  
**Assessment:** Students must satisfy the requirements of an internship contract with their workplace, including attendance and performance, as evaluated through a workplace supervisor report. Students will also be required to keep an online journal during the duration of the internship. The internship and journal are assessed on a satisfactory/unsatisfactory basis.  
**Note:** Department permission required for enrolment.  

Note: Enrolment is subject to approval by the Director of the BA (Digital Technology and Culture) program and locating an appropriate match between student and organisation. Students will usually not enrol in ARIN3670 until the second semester of their 3rd year.

The internship consists of a work placement comprising a minimum of 20 working days in an appropriate organisation, assisted and supervised by both the workplace and staff from the Digital Technology and Culture Program. Placements may include arts and cultural organisations and information and communication technology organisations. Students will be required to keep an online journal documenting and analysing their experiences during the internship. In consultation with their supervisor, students will formulate a topic for their research essay for the co-requisite unit ARIN3680 Digital Cultures Internship Project.

**ARIN3680**

**Digital Cultures Internship Project**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Classes:** Individual consultations and meetings with supervisor  
**Prerequisites:** ARIN1000 and either ISYS1003 or INFO1000 or INFO1003; 36 senior credit points of ARIN and ISYS/INFO  
**Corequisites:** ARIN3670  
**Assessment:** 1x1000wd annotated bibliography (30%) and 1x3500wd research essay (70%)  

The Digital Cultures Internship Project follows on from the ARIN3670 Digital Cultures Internship where students are placed within an appropriate workplace. The major assessment for this unit of study is a research essay where students critically reflect on these experiences.

**ARIN2801**

**Digital Cultures Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.  

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

**ARIN2802**

**Digital Cultures Exchange**

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

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

**ARIN2803**

**Digital Cultures Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.  

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

**ARIN2804**

**Digital Cultures Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.  

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

**ARIN2805**

**Digital Cultures Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.  

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

**ARIN2806**

**Digital Cultures Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.  

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

**ARIN2807**

**Digital Cultures Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.  

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

**ARIN2808**

**Digital Cultures Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.  

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Digital Cultures at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in Digital Cultures.
This unit of study equips students with some general tools for the close analysis of literary language. Grammatical concepts will be introduced and applied to the description of prose, poetry and drama, and students will explore the changing relations between form and meaning in English from the earliest times up to the present. A number of key strands in contemporary language study will also be presented, including semiotic theory, rhetoric and discourse studies and theorizations of the relationship between texts and subjectivity.

Textbooks
A course reader will be available from the University Copy Centre.
between film and psychoanalysis, representations of work and everyday life, sexuality and crime, camp, secrecy, and display.

Textbooks
- Laura (dir. Preminger)
- Vertigo (dir. Hitchcock)
- The Children’s Hour (dir. Wyler)
- Valley of the Dolls (dir. Robson)
- Dog Day Afternoon (dir. Lumet)
- Mulholland Drive (dir. Lynch)
- Todo sobre mi madre (dir. Almodovar)
- Notes on A Scandal (dir. Eyre)

ENGL2629
Victorian Literature

Credit points: 6
Session: Semester 1
Classes: 2x1-hr lectures/week and 1x1-hr tutorial/week
Prerequisites: 12 junior credit points of English
Prohibitions: ENGL2628 Assessment: 1x2000wd essay (50%) and 1x1.5-hr exam (40%)

An exploration of literature, culture and Empire in the Victorian period. This unit will develop detailed, historised readings of key Victorian literary texts. Areas of focus will include Victorian morality, the country and the city, evolution and the novel, the politics of Empire, and ‘Victorian Things’.

Textbooks
- Additional material will be included in a course reader and/or on WebCT

ENGL2638
Literature and Cinema

Credit points: 6
Session: Semester 1
Classes: 1x1-hr lecture/week and 1x2-hr seminar/week
Prerequisites: 12 junior credit points of English
Prohibitions: ENGL2638 Assessment: 1x oral presentation (10%), 1x2000wd essay (50%) and 1x2-hr exam (40%)

This unit of study will examine issues arising from a comparative study of literature and cinema. These issues include: continuities and discontinuities between literature and cinema; the forms and modes of literature and cinema; the questions of adaptation, intertextuality and genre; the cultural and historical contexts of literary and cinematic texts; the figurative styles of literature and cinema; and narrative and narration in literature and cinema.

Textbooks
- Course Reader (online)
- Sophocles: Oedipus Rex*
- Hamnett: The Maltese Falcon
- Williams: A Streetcar Named Desire
- Burgess: A Clockwork Orange
- Ursula Le Guin: The Dispossessed
  (*Available in eLearning resources)
- Films:
  - Kubrick: A Clockwork Orange
  - Hitchcock: Rope
  - Huston: The Maltese Falcon
- Kazan: A Streetcar Named Desire
- Gilliam: Brazil
- Jonze: Adaptation

ENGL2640
Shakespeare

Credit points: 6
Session: Semester 2
Classes: 2x1-hr lectures/week and 1x1-hr tutorial/week
Prerequisites: 12 junior credit points of English
Prohibitions: ENGL2640 Assessment: 1x2000wd essay (50%), 1x2-hr exam (40%), tutorial participation (10%)

This unit is an intensive study of plays by Shakespeare in a variety of genres, particularly focusing on current critical interventions, as well as the detailed reading of Shakespeare’s dramatic language. Current approaches to Shakespeare read his texts as a way of thinking about ideas of urgent concern in the twenty first century: the environment and ideas of the natural; sexuality and gender; scepticism and belief. Watching film versions of the plays will form an integral part of our study.

Textbooks
- The Norton Shakespeare, gen. ed. Stephen Greenblatt

ENGL2650
Reading Poetry

Credit points: 6
Session: Semester 1
Classes: 2x1-hr lecture/week, 1x1-hr tutorial/week
Prerequisites: 12 junior credit points of English
Prohibitions: ENGL2650 Assessment: 1x2500wd essay (55%) and 1x2hr examination (45%)

A different range of poetry will be offered each year concentrating on an historical period, an individual poet, and a close study of a poetic form. Readings of individual poems will involve both intensive study of technical and linguistic characteristics, as well as of the broader historical, social, ideological and personal contexts and issues which they reflect. As well, there will be discussion of on-going literary-critical debate about poetry and its function.

Textbooks
- The Norton Anthology of Poetry, 5th edn
- A Resource Book, obtainable at the University Copy Centre, for other materials

ENGL2652
Modern Rhetoric

Credit points: 6
Session: Semester 1
Classes: 2x1-hr lectures/week and 1x1-hr tutorial/week
Prerequisites: 12 junior credit points of English
Prohibitions: ENGL2652 Assessment: 1x2500wd essay (40%), 1x take home exam (40%), 1x tutorial task and participation (20%)

Note: May be cross listed to a major in Linguistics

This unit will introduce students to both the theory of rhetoric: the study of human communication, and the practice of rhetoric: the use of language, signs and silence to convey a particular message. It will trace the development of modern theories from classical and later ideas about rhetoric, and teach students to analyse and improve their own written and spoken communication. Students will learn to pay close attention to language, context, and audience. They will develop skills in analysis, interpretation and composition that apply to academic and professional communication as well as literary study.

Textbooks
- A Resource book will be available from the University Copy Centre

ENGL2653
Varieties of English Grammar

Credit points: 6
Session: Semester 1
Classes: 2x1-hr lectures/week and 1x1-hr tutorial/week
Prerequisites: 12 junior credit points in English or Linguistics
Prohibitions: ENGL2653 Assessment: 1x3000wd essay (50%) and 1x1.5hr exam (50%)

This unit introduces students to various ways of talking about English grammar - systemic, generative, traditional among others - and asks them to consider why we might choose one approach or another for tasks such as text interpretation. The unit also introduces students to the history of grammar as a discipline in the European tradition, with a particular focus on the development of grammars in English. This will provide useful background for a detailed examination of the dominant traditions in grammar theory since 1900.

Textbooks
- A course reader will be available from the University Copy Centre

ENGL2657
Myths, Legends and Heroes

Credit points: 6
Session: Semester 2
Classes: 1x1-hr lectures/week and 1x1-hr tutorial/week
Prerequisites: 12 Junior credit points of English
Assessment: 1x1000wd essay (15%), 1x2000wd essay (35%), 1x2hr (2000wd) exam (40%), class participation (10%)

Students will study (in modern English translation) the literature of two closely related peoples of the Early Middle Ages -- the Anglo-Saxons and the Scandinavians (some of whom became Vikings). Lectures and tutorials will cover the literature, history, religion and language of these nations, focusing on representations of the heroic ideal, as this is embodied in mythic, legendary and historical writing. Texts to be studied include Beowulf, The Wanderer, The Dream of the Rood, and selections from the Edda.

Textbooks
- Beowulf (trans. R. Liuza)
- Course Reader
ENGL2658
Love and Desire in Early Modern England
Credit points: 6 Session: Semester 1 Classes: 2x1-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 12 junior credit points in English Assessment: Participation (10%), 1x1000wd short essay (20%), 1x2000wd long essay (30%) and 1x1500wd take home exam (40%)
Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.
This unit looks at the languages used to investigate love and desire in the early modern period. This will involve reading texts by Shakespeare and other canonical writers that students might not be so familiar with. Students will be encouraged to discover relationships between emotion, poetic language, rhetoric and sexuality and to entertain the idea that desire is political and that politics are sexualised.
Textbooks
Broadview Anthology of British Literature Vol. 2: The Renaissance and Early Seventeenth Century
Shakespeare, Romeo and Juliet. Ed. Levenson (OUP, 2008)

ENGL2659
The 18th Century: Scandal & Sociability
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week and 1x1-hr tutorial/week Prerequisites: 12 junior credit points in English Assessment: 1x1500wd research exercise (30%), 1x2500wd research essay (45%), discussion board posts totalling 500 words (15%), tutorial participation (10%)
Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.
This unit examines the development of literature during the eighteenth century through two important literary and social figurations: scandal and sociability. We will investigate tropes of conversation, politeness and community as constituents of literary texts as well as components of the spaces in which they were consumed. In addition, we will examine current theories regarding the development of a public sphere and the shifting social and cultural location of reading.
Textbooks
Delarivier Manley, The Adventures of Rivella
Daniel Defoe, Moll Flanders
Samuel Richardson, Pamela
Sarah Scott, Millenium Hall
A Resource book, available from the University Copy Centre

ENGL2660
Reading the Nation: Modern U.S. Writing
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week and 1x1 tutorial/week Prerequisites: 12 junior credit points in English Assessment: 1x1tutorial exercise (15%), 1x3000wd essay (45%) and 1xtake-home exam (40%)
In this unit, we will read some of the most significant American novels and short stories of the mid-20th century. We will examine the way in which a range of writers have responded imaginatively to some of the major cultural and historic events of this period. Our specific focus will be in the way in which these writers have imagined the nation in terms of race, gender and place.
Textbooks
Ralph Ellison, Invisible Man
Cormac McCarthy, Outer Dark
Flannery O'Connor, selected short stories
Leslie Marmon Silko, Ceremony
Richard Wright, selected short stories

ENGL2661
Imagining Camelot
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week and 1x1-hr tutorial/week Prerequisites: 12 junior credit points of English Prohibitions: ENGL2601 Assessment: 1x1500wd assignment (25%), 1x2500wd essay (40%) and 1x2-hr exam (35%)
The legend of Camelot and King Arthur emerged from the so-called 'Dark Ages' and grew through imaginative story-telling to become one of the most enduring narratives of western literature. In this unit students will study a range of texts which develop the fantastic world of Camelot, from medieval texts in translation to recent film. The unit will consider the legend's transformation across the tradition, from its origins in the Middle Ages, to Tolkien and John F. Kennedy's White House.
Textbooks
Malory, Le Morte d'Arthur
Marion Zimmer Bradley, The Mists of Avalon
A resource book will be available from the University Copy Centre

ENGL2662
Deceit, Disguise and Medieval Narrative
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week and 1x1-hr tutorial/week Prerequisites: 12 junior credit points in English Assessment: 1x1500wd assignment (25%), 1x2500wd essay (40%), 1x2000wd take home exam (35%)
In the Middle Ages notions of deceit, disguise, and temptation permeated how people thought about the world, their place in it, and the roles of God, the devil, and death. This worldview generated some of the most exciting, moving, and even comic literature of the Middle English tradition, ranging from Chaucer's Canterbury Tales to the recollections of the mystical Margery Kempe. This unit of study focuses the varied ways in which poets, playwrights, and memoirists negotiated a world of tricksters.
Textbooks
Chaucer: Pardoner's and Nun's Priest's Tales
The Chester Last Judgment Play
The Towneley Second Shepherds' Play
Sir Gawain and Dame Ragnelle
Melusine
The Book of Margery Kempe

ENGL2664
Transpacific American Literature 1838-99
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week, 1x1-hr tutorial/week Prerequisites: Credit or above in 12 senior credit points of English Assessment: 1x3500wd research essay (60%), 1x2-hr exam (30%), 1x500wd in-class oral presentation (10%)
This unit of study will consider ways in which American Literature during the second half of the nineteenth century engaged with the opening up of Pacific space. Questions to be considered will be the nature of westward expansion, the opening up of California and its engagement with Mexico, the relation of native peoples to U.S. nationhood both on the mainland and the Pacific Islands. A representative range of poets and prose writers will be studied.

ENGL3603
Contemporary British Literature
Credit points: 6 Session: Semester 1 Classes: 1x2-hr seminar/week Prerequisites: Credit or above in 12 senior credit points of English Assessment: 1x4000wd essay (60%), 1x1000wd annotated bibliography (30%), 1x500wd in-class oral presentation and report (10%)
Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.
This unit examines literary texts produced in Britain in the past two decades, exploring their relationship to significant social and political changes occurring in Britain over that period. We will investigate a variety of literary, social, and cultural issues, each of which have contributed to contemporary British culture.

ENGL3604
Cinematic Modernism
Credit points: 6 Session: Semester 1 Classes: 1x2-hr seminar/week Prerequisites: Credit or above in 18 senior credit points of English Assessment: 4x500wd blog entries (40%) and 1x4000wd essay (60%)
Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.
This unit will explore the effects of the film medium on the existing cultural technologies of literature in the first half of the twentieth century. We will ask how technical possibilities only partially explored by their native medium were transmitted freely into others: poetry, prose, theatre. Blending film history with literary history, and ranging both alongside pivotal works in the cultural theory of modernism, the
ENGL3606 Fantastical Women
Credit points: 6  Session: Semester 2  Classes: 1x2-hr seminar/week
Prerequisites: Credit or above in 12 senior credit points of English
Assessment: 1x2000wd annotated bibliography (30%), 1x1500wd presentation discussion and paper (25%) and 1x2500wd essay (45%)

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

Fantasy provides a space for women writers to explore alternative configurations of self and community. Contemporary fantasy texts by women will be considered, including rewritings of historical legends, and fairy tales and social science fiction. The focus will be on texts which open up the cultural order to illegality and disorder, which explore the forbidden or repressed, and which defamiliarise the familiar. Texts will be read through theorisations of the fantastic and feminisms. Fantasy provides a space for women writers to explore alternative configurations of self and community.

Textbooks
Margaret Atwood, The Penelopiad
A.S.Byat, Possession
Joanna Russ, The Female Man
A Resource Book will be available from the University Copy Centre

ENGL3612 Metaphor and Meaning
Credit points: 6  Session: Semester 2  Classes: 1x2-hr seminar/week
Prerequisites: Credit or above in 12 senior credit points of English
Assessment: 1x2000wd essay (40%) and 1x4000wd essay (60%)

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

Metaphorical language challenges received understandings of the nature of linguistic communication since it constitutes a systematic case in which expressions are not used in accordance with their meanings. This unit adopts a variety of perspectives to explore the problem of metaphor in an articulated theory of the semiotics of language. Topics discussed include the literal/metaphorical split, the nature of metaphorical meaning, metaphor and language-use, the origins of metaphor within European metalinguistic discourse, and 'cognitive' theories of metaphor.

Textbooks
Course reader available from the University Copy Centre

ENGL3633 Introduction to Old English
Credit points: 6  Session: Semester 1  Classes: 1x2-hr seminar/week
Prerequisites: Credit or above in 12 senior credit points of English
Prohibitions: Students who have completed ENGL3621, ENGL3622, ENGL3631, ENGL3632 must consult the unit coordinator.
Assessment: 1x1500wd translation and commentary (15%), 1x3000wd essay (35%), 1x1.5hr exam (35%), participation (15%)

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

Old English was the language of England from the fifth century until the twelfth. This earliest phase of the English literary tradition evolved against a background of cultural encounters: as the Anglo-Saxons encountered the culture of Rome, as they adopted and adapted the Christian religion, and as they reflected on their origins on the European continent. This unit introduces students to the language spoken and written by the Anglo-Saxons, and presents the opportunity to translate and read Old English texts.

Textbooks
A Guide to Old English (Mitchell and Robinson, 7th edition)

ENGL3634 Continuing Old English
Credit points: 6  Session: Semester 2  Classes: 1x2-hr seminar/week
Prerequisites: ENGL3633
Prohibitions: Students who have completed ENGL3621, ENGL3622, ENGL3631, ENGL3632 must consult the unit coordinator.
Assessment: 1x1500wd translation and commentary (15%), 1x3000wd essay (35%), 1x1.5hr exam (35%), participation (15%)

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

The literature of the Anglo-Saxons offers an insight into a range of understandings of the place of human beings in the world and its history. This unit of study will build on students' elementary knowledge of the Old English language, and offer students the opportunity to translate and read a range of texts including historical prose, love poetry and religious texts. These texts will be studied in a range of contexts, from the cultural and historical to their manuscript setting.

Textbooks
A Guide to Old English (Mitchell and Robinson, 7th edition)

ENGL3635 Introduction to Old Norse
Credit points: 6  Session: Semester 1  Classes: 1x2-hr seminar/week
Prerequisites: Credit or above in 12 senior credit points of English
Prohibitions: Students who have completed ENGL3621, ENGL3622, ENGL3631, ENGL3632 must consult the unit coordinator.
Assessment: 1x2000wd essay (40%), 1x1500wd assignment (15%), 1x take-home test (10%), 1x1.5hr exam (35%)

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

Old Norse is the name given to the language of medieval Scandinavia, and was the language of the Viking invaders of Britain in the early Middle Ages. Old Norse literature presents a rich variety, from mythological and legendary poetry to Icelandic sagas. This unit introduces students to the language spoken and written in medieval Scandinavia, and offers the opportunity to translate and read Old Norse texts.

Textbooks
Students are advised to consult the unit coordinator and unit of study outline

ENGL3636 Continuing Old Norse
Credit points: 6  Session: Semester 2  Classes: 1x2-hr seminar/week
Prerequisites: ENGL3635
Prohibitions: Students who have completed ENGL3621, ENGL3622, ENGL3631, ENGL3632 must consult the unit coordinator.
Assessment: 1x2000wd essay (40%), 1x1500wd assignment (15%), 1x take-home test (10%), 1x1.5hr exam (35%)

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

Old Norse is the name given to the language of medieval Scandinavia, and was the language of the Viking invaders of Britain in the early Middle Ages. Old Norse literature presents a rich variety, from mythological and legendary poetry to Icelandic sagas. This unit offers students the opportunity of developing their knowledge of the Old Norse language and its cultural contexts, and to translate and read Old Norse prose and poetic texts.

Textbooks
Students are advised to consult the unit coordinator and unit of study outline

ENGL3642 Studies in Medieval Literatures
Credit points: 6  Session: Semester 2  Classes: 1x2-hr seminar/week
Prerequisites: Credit or above in 12 senior credit points of English
Assessment: 2x3000wd essays (100%)

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

This unit is devoted to linguistic, literary, critical and cultural studies of Medieval English and other literatures from 1066 to 1550. The particular topic will be closely related to the research and scholarly interest of the teacher offering the unit. In 2011 the topic will be "Dreams and Visions". This unit will study the literature of dreams and visions of the Middle Ages and the Early Modern period against a range of literary and social backgrounds. The unit will begin with a
survey of the classical and biblical background to works which may be defined as dreams or visions, as well as examining the relationship between the two genres and their transformations from the Middle Ages into the Renaissance.

**Textbooks**
The Dream of the Rood
Langland's, The Vision of Piers Plowman
Julian of Norwich's, Revelations of Divine Love
Shakespeare's, A Midsummer Night's Dream

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**ENGL3651**
**Christopher Marlowe**

**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 1x2-hr seminar/week  
**Prerequisites:** Credit or above in 12 senior credit points of English  
**Assessment:** 1x2000wd assignment (30%), 1x4000wd essay (70%)  
**Note:** This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.

Christopher Marlowe. This study of Marlowe's poems and plays 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 heterodoxo and orthodoxy (sexual, political, religious). It examines his construction and/or subversion of an Elizabethan "other" (sodomitical, Jewish, papist, barbarian). It tracks his re-writing of Roman poetry and medieval drama, and his experiments in tragedy, comedy and the presentation of radical ideas.  

**Textbooks**

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**ENGL3655**
**The Literary in Theory**

**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 1x2-hr seminar/week  
**Prerequisites:** Credit or above in 18 senior credit points of English  
**Assessment:** 1x2000wd seminar presentation of research proposal (30%), 1x4000wd research essay (70%)  
**Note:** This unit is available as a designated 'Advanced' unit to students who are already enrolled in the BA (Advanced) degree program.

This unit will introduce students to significant movements in modern and contemporary literary theory to think about what It means to speak of the literary. The unit of study begins by examining the question of "literariness" through its exposition and defence by number of scholars. We will pursue the applications of their arguments through selection of theoretical models, including queer and gender theory, psychoanalysis, and race theory, to consider the cultural and ideological work imaginative literature undertakes.

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**ENGL3658**
**Narrating Trauma**

**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1x2-hr seminar/week  
**Prerequisites:** 12 junior credit points in English  
**Assessment:** 1x1500wd close reading essay (25%), 1x2500wd essay (40%), 1x2-hr take home exam (35%)  
This unit explores the theory and practices of narrative trauma. The trauma texts we study will illustrate how trauma impacts on the construction of memory and its articulation in situations of war, the ongoing affects of racism and in individual personally traumatic events. However, these narratives also demonstrate how the art of representation in all its diversity can allow for movement beyond the interrupted consciousness of trauma and so provide a context in which individual and social healing may occur.

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**ENGL3662**
**Aesthetics and Aestheticism**

**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1x2-hr seminar/week  
**Prerequisites:** Credit or above in 12 senior credit points of English  
**Assessment:** 1x1500wd assignment, either a seminar paper or a book report or a research proposal (25%) and 1x4500wd essay (75%)  
**Note:** This unit is available as a designated 'Advanced' unit to students who are already enrolled in the BA (Advanced) degree program.

Aesthetics and Aestheticism. This unit considers the interrelated literary, philosophical, and visual arts traditions of aesthetics from the mid-eighteenth century to the early twentieth century. Its philosophical emphasis will be on Kant and Hegel. Its visual arts emphasis will be on Ruskin and Pater. Its literary emphasis will be more comprehensive, stretching from the Age of Sensibility to High Modernism, though paying special attention to the aesthetes and decadents of the late nineteenth century.  

**Textbooks**
Ruskin. Modern Painters, part 5: Of Mountain Beauty, excerpts in Resource Book available from the Copy Centre  
Pater. The Renaissance. Wilde. The Picture of Dorian Gray  
Wells. The Time Machine. Norton Anthology of Poetry

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**ENGL1801**
**English Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

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

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**ENGL1802**
**English Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

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

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**ENGL2811**
**English Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

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

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**ENGL2812**
**English Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

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

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**ENGL2813**
**English Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

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

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**ENGL2814**
**English Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.
In 2011 seminars will be offered from the following list: four seminars is worth 15%.

The thesis is worth 40% of the final honours mark and each of the department's honours conference.

Seminars is assessed, in part, through participation in the English

6000 words of written work or its equivalent. One of the semester one

The thesis should be 15000 words in length and each seminar requires

the same in semester two.

2. two seminars that meet weekly for two hours in semester one, and

academic staff

The Honours program in English consists of:

1. a thesis written under the supervision of one or more members of academic staff

2. two seminars that meet weekly for two hours in semester one, and

The thesis should be 15000 words in length and each seminar requires

6000 words of written work or its equivalent. One of the semester one seminars is assessed, in part, through participation in the English department's honours conference.

The thesis is worth 40% of the final honours mark and each of the four seminars is worth 15%.

In 2011 seminars will be offered from the following list:
The 18th-Century Novel: Theory and Example (Nicola Parsons)

Sentiment and Sensation (Vanessa Smith)

Poetry of Meditation (Barry Spurr)

Mid-Century Modern (Kate Lilley)

The Idea of the South (Sarah Gleeson-White)

Movements in Modern and Contemporary Drama (Mark Byron)

Old English (Dan Anlezark)

Old Norse (Geraldine Barnes)

Reading Suburbia (Brigid Rooney)

Australian Literature and the Canonical Imaginary (Robert Dixon)

Undisciplined Histories (Robert Dixon)

Australian Poetry and the Symbolists (David Brooks)

For more information, contact Dr Huw Griffiths, Honours Coordinator.

ENGL4102

Credit points: 12 Session: Semester 1, Semester 2 Corequisites: ENGL4101

Refer to ENGL4101

ENGL4103

Credit points: 12 Session: Semester 1, Semester 2 Corequisites: ENGL4102

Refer to ENGL4101

ENGL4104

Credit points: 12 Session: Semester 1, Semester 2 Corequisites: ENGL4103

Refer to ENGL4101

ASLT2602

Revolutionary Writing?: 1960s and beyond

Credit points: 6 Session: Semester 1 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prerequisites: 12 junior credit points from Table A Prohibitions: ASLT2002 Assessment: 1x1500wd essay (30%) and 1x3000wd take-home exam (70%)

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

The 1960s were a time of international cultural and social upheaval. A new range of cultural influences, drugs, pop art, sexual, women's and gay liberation, and the predominantly American counter-culture, influenced a new generation of Australian writers. Bush realism gave way to previously censored subject material - sex, drugs, anti-Vietnam War sentiment - and innovative forms of writing. This unit of study investigates these issues through the works of some of the key writers of this period.

Textbooks


White P. The Solid Mandala. Vintage

Course Reader will include short stories from Moorhouse, Carey, Garner as well as the poetry that will be covered in this unit of study

ASLT2619

Australian Gothic

Credit points: 6 Session: Semester 1 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prerequisites: 12 junior credit points from Table A Assessment: 1x2000wd essay (40%), 1x2000wd take-home exam (40%), 1x oral presentation and 1x500wd written summary (20%)

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

From the earliest days of European colonisation, alongside visions of its promise, Australia has also been seen as the worst of all possible worlds, a hellish place of exile where nature seemed uncannily strange or hostile. The 'gothic' has offered a powerful means of representing this dystopian theme. This unit examines the gothic mode in Australian literature and film from the nineteenth century to the present, taking
in such issues as 'Weird Melancholy', ghosts, bunyips, badlands and postcolonial (dis)enchantment.

Textbooks
Ken Gelder and Rachael Weaver (eds), The Anthology of Colonial Australian Gothic Fiction (Melbourne University Press)
Marcus Clarke, For the Term of His Natural Life (any complete edition)
Elizabeth Jolley, The Well (Penguin)
Kenneth Cook, Wake in Fright (Text Publishing)
Ross Gibson, Seven Versions of an Australian Baddyland (UQP)
Peter Weir (dir.), Picnic at Hanging Rock
Greg McLean (dir.), Wolf Creek
Resource book of poetry and critical material

ASLT2620
Writing Australian Nature
Credit points: 6
Session: Semester 2
Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week
Prerequisites: 12 junior credit points from Table A
Assessment: 1x1000wd oral presentation (20%), 1x2000wd portfolio (40%), 1x1500wd essay (40%)
Note: This unit is available as a designated Advanced unit to students enrolled in the BA (Advanced) degree program.

How does Australian writing engage with Australian nature? What roles have writers (in tandem with artists, photographers and others) played in shaping consciousness of the environment - its wonders, complexities and layered human histories? This unit introduces relevant conceptual frames to examine Australian literary and cultural depictions of, and engagements with nature and the environment in a range of Indigenous and non-Indigenous texts. Can literature transform the way we think about and care for the world in which we live?

Textbooks
(when available):
White, Tree of Man
Lohrey, Vertigo
Winton, Dirt Music
Leigh, The Hunter
McGahan, Wonders of a Godless World
A Course Reader will include other set works, including Indigenous and non-Indigenous poetry, fictional and non-fictional writings

ASLT2622
Australian Modernism
Credit points: 6
Session: Semester 2
Classes: 2x1-hr lectures/week and 1x1-hr tutorial/week
Prerequisites: 12 junior credit points from Table A
Assessment: 1x2000wd essay (40%), 1x2000wd take-home exam (40%) and 1x oral presentation and 500wd written summary (20%)

By 1900 Australia was one of the most urbanised countries in the world and embraced modern life - city living, new technologies, the mass media - with a passion second only to that of the USA. Focusing on the early to mid-twentieth century, this unit explores literary responses to Australian modernity within both popular and high culture, from the poetry of urban life to experimental fiction, together with some of the relationships between writing and other art forms.

Textbooks
may include works by Christopher Brennan, Henry Lawson, Lesbia Harford, Katharine Susannah Prichard, Kenneth Slessor, Xavier Herbert, Marjorie Barnard, Patrick White, James McAuley, the Jindyworobak poets, and others.

ASLT4011
Australian Literature Honours A
Credit points: 12
Session: Semester 1, Semester 2
Classes: 2x2-hr seminars/week for each semester
Prerequisites: Credit average in 48 senior Australian Literature credit points (8 units of study), including the two special entry units ASLT3601 (or ASLT3901) and ASLT3602 (or ASLT3902). This may include up to 18 credit points of senior level English and/or Australian Studies.
Assessment: 1x15000wd thesis (40%) and 4x6000wd written work or its equivalent for each seminar (4x15%)
Note: Department permission required for enrolment.

The Honours program in Australian Literature consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for two hours in semester one and two seminars that meet weekly for two hours in semester two, i.e. a total of four seminars during the year.

The thesis should be 15,000 words in length. Each seminar requires 6,000 words of written work or its equivalent. One of the March semester seminars is assessed, in part, through participation in the English department's honours conference. The thesis is worth 40% of the final Honours mark and each of the four seminars is worth 15% (60% in total).

Seminars will be offered from the following list in 2011:
Australian Poetry and the Symbolist (Associate Professor David Brooks)
Undisciplined Histories (Professor Robert Dixon)
Australian Classics (Professor Robert Dixon)
Reading Suburbia (Dr Brigid Rooney)
Medieval Languages 1: Old English (Dr Daniel Anlezark)
Medieval Languages 2: Old English (Dr Daniel Anlezark)
Sir Gawain and the Green Knight (Dr Lawrence Warner)
Language and Subject (Dr Nick Riemer)
History in English: Lyric, Epic, and Dramatic (Dr Bruce Gardiner)
Milton (Associate Professor Barry Spurr)
Early/Modern (Dr Kate Lilley)
Sentiment and Sensation (Dr Vanessa Smith)
Waterloo to Peterloo (Associate Professor William Christie)
American Gothic (Dr Melissa Hardie)
Reading Whiteness: Contemporary Literature and Film (Dr Victoria Burrows)
Movements in Modern and Contemporary Drama: Theory and Practice (Dr Mark Byron)

For more information, contact the Honours Coordinator Professor Robert Dixon.

ASLT4012
Australian Literature Honours B
Credit points: 12
Session: Semester 1, Semester 2
Corequisites: ASLT4011
Refer to ASLT4011

ASLT4013
Australian Literature Honours C
Credit points: 12
Session: Semester 1, Semester 2
Corequisites: ASLT4012
Refer to ASLT4011

ASLT4014
Australian Literature Honours D
Credit points: 12
Session: Semester 1, Semester 2
Corequisites: ASLT4013
Refer to ASLT4011

European Studies

EUST2601
Europe: Civilisation and Barbarism
Credit points: 6
Session: Semester 1
Classes: 1x2-hr seminar/week, 1x1-hr tutorial/week
Prerequisites: 18 Junior credit points from Part A of the Table of Units of Study
Assessment: 1x500wd assignment (15%), 1x3000wd essay (50%), 1x1-hr exam (20%), class participation (15%)

What is European civilisation? Is it just the product of history? Or are other factors involved in its development? One way of coming to an understanding of Europe is to consider its literary and intellectual encounters with other nations, cultures and civilisations as well as with itself. The aim of this unit is to consider the ways in which Europeans have confronted and questioned their own civilisation since the Renaissance, through the study of literary and theoretical texts.

EUST2605
Europe: Literature and Dictatorship
Credit points: 6
Session: Semester 2
Classes: 1x2-hr seminar/week, 1x1-hr tutorial/week
Prerequisites: 18 Junior credit points from Part A of the Table of Units of Study
Assessment: 1x500wd assignment (15%), 1x2500wd essay (50%), 1x1-hr exam (20%), class participation (15%)
Europe: Literature and Dictatorship focuses on aspects of literature, culture, and the public sphere in the twentieth-century socialist states of Central and Eastern Europe. Literature played an important role - both clandestinely and as a public institution - under socialism. However, literary texts cannot be separated from wider issues of politics, culture, and society. Hence attention will be paid to the role of the intelligentsias, to censorship, and to problems of dissidence and free expression in authoritarian, closed, and totalitarian societies.

EUST2612
Regionalisms in Europe & the Middle East
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 1x1-hr tutorial/week
Prerequisites: At least 18 junior credit points from Part A of the Table of Units of Study, of which 12 credit points are from one subject  
Assessment: 1x1000wd presentation (20%), 1x2000wd essay (35%), 1x3000wd essay (45%)

This unit of study is designed to introduce the history of various regions, the nature of regional debate and the role of regional institutions within Europe and the Middle East. It will examine nationalism and community consciousness at levels below the nation-state and will consider the differing relationships between central and regional powers in a number of case studies and the historic reasons for these.

EUST2805
European Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

EUST2806
European Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

EUST2807
European Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

EUST2808
European Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

EUST4011
European Studies Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: Two seminars, each seminar meets weekly for 2 hours for one semester.  
Prerequisites: A Credit average in 36 senior credit points of European Studies units, plus either 12 advanced level credit points OR 24 introductory / intermediate level credit points of a European language (other than English) or a Middle Eastern language.  
Assessment: A thesis of 18000 - 20000 words in length. Each seminar requires 6000 - 8000 words of written work or its equivalent for each seminar.  
Note: Department permission required for enrolment.

The Honours program in European Studies consists of:

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

The thesis should be of 18000 - 20000 words in length. Each seminar requires 6000 - 8000 words of written work or its equivalent.

The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.

The following seminars are on offer in 2011:  
European Identity and Cultures (Assoc Prof Kathryn Cramer) 
European Cinema and National Identities (Assoc Prof Vrasidas Karalis) 
For more information, contact Prof Peter Morgan, Director of European Studies.

EUST4012
European Studies Honours B
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: EUST4011
Refer to EUST4011

EUST4013
European Studies Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: EUST4012
Refer to EUST4011

EUST4014
European Studies Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: EUST4013
Refer to EUST4011

Film Studies

FILM2810
Film Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

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

FILM2811
Film Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

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

FILM2812
Film Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

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

FILM2813
Film Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.
Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point junior unit of study in Film at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Undergraduate Studies Coordinator.

FILM4101
Film Studies Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: 1x2-hr seminar/week and 4xworkshops/semester Prerequisites: a Credit average or better in 48 senior credit points in Film Studies. Candidates who do not have this prerequisite should contact the Honours Coordinator to determine possible waiving of the prerequisite Assessment: 1x18000-20000wd thesis (60%) and 1x6000-8000wd written works from one seminar and one workshop (40%) Note: Department permission required for enrolment.

The Honours program in Film Studies consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. a seminar (Film is the Issue) that meets weekly for two hours for one semester
3. a workshop (Analysing the Visual) that meets four times during one semester

The thesis should be of 18000-20000 words in length. The seminar and the workshop require 6000-8000 words of written work or its equivalent.

The thesis is worth 60% of the final Honours mark and each of the seminars and workshop is worth 20%.

The following seminars are on offer in 2011:
Film is the Issue (Dr Keith Broadfoot)

The following workshop is on offer in 2011:
Analysing the Visual (Assoc Prof Jennifer Milam)

For more information, contact Dr Keith Broadfoot, Honours Coordinator.

FILM4102
Film Studies Honours B
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: FILM4101 Refer to FILM4101

FILM4103
Film Studies Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: FILM4102 Refer to FILM4101

FILM4104
Film Studies Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: FILM4103 Refer to FILM4101

French Studies
FRNC1611
Junior French Introductory 1
Credit points: 6 Session: Semester 1, Summer Main, Winter Main Classes: 1x1-hr lecture/week, 2x1-hr tutorials/week Prerequisites: FRNC1611 or FRNC1102 Assessment: continuous assessment: participation and weekly exercises online and face-to-face and written expression (equivalent to 2250wds) (50%), 1x oral exam (20%), 1x written exam (equivalent to 2250wds) (30%)

This unit is based on communicative methodology and functional approach to language. Its main objective is to teach the learner how to communicate and use grammar appropriately in a range of situations, while learning about French culture. Speaking, writing, listening and reading comprehension skills, will be developed through communicative activities. In addition, online resources and grammar activities will complement face-to-face teaching. This unit provides the essential skills for negotiating in and understanding everyday situations. FRNC1612 is the standard progression.

Textbooks

FRNC1612
Junior French Introductory 2
Credit points: 6 Session: Semester 2, Summer Late Classes: 1x1-hr lecture/week, 2x1-hr tutorials/week Prerequisites: FRNC1611 or FRNC1101 Assessment: continuous assessment: participation and weekly exercises online and face-to-face and written expression (equivalent to 2250wds) (50%), 1x oral exam (20%), 1x written exam (equivalent to 2250wds) (30%)

FRNC1612 Junior French 2 is the continuation of FRNC1611 Junior French 1. It aims at strengthening students' oral communication skills and at developing further their written skills (reading and writing).

Having completed FRNC1612 Junior French 2, students in their second year will normally complete FRNC2611 Senior French 1.

Textbooks
Robbe-Grillet, A. (1985). Djinn. Un trou entre les pavés disjoints Course book to be purchased from the University Copy Centre.

FRNC1621
Junior French Intermediate 3
Credit points: 6 Session: Semester 1 Classes: 3x1-hr seminar/week Prerequisites: Less than 80% in HSC French Continuers or more than 65% in HSC French Beginners Prohibitions: FRNC1201 Assessment: Class participation and WebCT discussion board (10%), online homework exercises (equivalent 400wds) (10%), 2x written compositions in French (equivalent 1000wds) (20%), 2x written grammar tests in French (equivalent to 1000wds) (20%), 1x comprehension (oral & reading) and dictation test in French (equivalent 800wds) (20%) and 1x oral test in French (4 minutes, equivalent to 800wds) (20%)

This unit is designed for students who have studied some French but have not taken the Higher School Certificate examinations, or have less than 80% in French Continuers or Extension unit, or more than 65% in Beginners. It is based on a communicative approach and provides a systematic review of spoken and written French, building on students' previous experience of the language.

Textbooks
St. Onge & St Onge, Interaction (8th edition) 2010 - package comprises text, audio CD and Heinle Access card, which includes an online Student Activity Manual.

FRNC1622
Junior French Intermediate 4
Credit points: 6 Session: Semester 2 Classes: 3x1-hr seminar/week Prohibitions: FRNC1621 or FRNC1201 Prohibitions: FRNC1202 Assessment: Class participation (10%), online homework exercises (equivalent 400wds) (10%), 2x written compositions in French (equivalent 1000wds) (20%), 1x comprehension (oral & reading) and dictation test in French (equivalent 800wds) (20%), 1x oral test (4 minutes, equivalent 800wds) (20%)

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This unit is the continuation of FRNC2612 Junior French 3. It continues to develop speaking, listening, writing and reading skills, while providing further insights into contemporary French culture. Having completed FRNC1622 Junior French 4, students in their second year will usually enter FRNC2611 Senior French 1.

Textbooks
St. Onge & St Onge, Interaction (8th edition) 2010 - package comprises text, audio CD and Heinle Access card, which includes an online Student Activity Manual

FRNC1631
Junior French Advanced 5
Credit points: 6 Session: Semester 1 Classes: 2x1-hr lectures/week, 2x1-hr tutorials/week Prerequisites: HSC French Continuers and Extension or more than 80% in Continuers French Prohibitions: FRNC1301 Assessment: class participation (15%), language: 2x200wd written assignments in French (equivalent to 800wds in English) (20%), 1xwritten class test in French (equivalent to 1500wds in English) (20%), 1x4-5 minute oral test in French (equivalent to 1000wds in English) (20%); reading: written class test in French (equivalent to 1200wds in English) (15%)

This unit is designed for students who have completed HSC French Continuers and Extension or obtained more than 80% in Continuers. It consists of two segments (Practical Language and Reading) that together seek to develop speaking, writing, listening and reading skills, while providing an insight into contemporary French culture.

Textbooks
Course booklets to be purchased from the University Copy Centre

FRNC1632
Junior French Advanced 6
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 2x1-hr tutorials/week Prerequisites: FRNC1631 or FRNC1301 Prohibitions: FRNC1302 Assessment: class participation (10%); language: 2x200wd written assignments in French (equivalent to 800wds in English) (20%), 1xwritten class test in French (equivalent to 1000wds in English) (20%), 1x3 minute oral test in French (equivalent to 700wds in English) (5%); reading: 1x1hr test on medieval literature (equivalent to 1000wds in English) (15%), 1x3 minute oral exercise on theatre in French (equivalent to 1000wds in English) (20%)

This unit is the continuation of the first semester unit FRNC1631. Like that unit, it consists of two segments (Practical Language and Reading) that together seek to develop speaking, writing, listening and reading skills, while providing an insight into contemporary French culture.

Textbooks
Aucassin et Nicolete, Garnier Flammarion
La Comédie du Drame, Folio
L’Affreux
Course booklets to be purchased from the University Copy Centre

FRNC2611
Senior French Intermediate 1
Credit points: 6 Session: Semester 1 Classes: 3x1-hr seminar/week Prerequisites: FRNC1622, FRNC1612, FRNC1202, FRNC1102 Prohibitions: FRNC2103 Assessment: coursework (equivalent to 800wds) (20%), writing tests (equivalent to 3200wds) (80%)

This unit is based on a communicative approach and concentrates on interactive exercises and activities to consolidate speaking, listening, writing and reading skills, reinforce understanding grammar, extend vocabulary and improve confidence in communication. This unit is normally taken by specialist students in conjunction with FRNC2614 French Reading 1.

Textbooks
Collins-Robert French Dictionaries
Grammaire progressive du français (intermédiaire)
Course booklets to be purchased from the University Copy Centre

FRNC2612
Senior French Intermediate 2
Credit points: 6 Session: Semester 2 Classes: 3x1-hr seminar/week Prerequisites: FRNC2611, FRNC2103 Prohibitions: FRNC2104 Assessment: coursework (equivalent to 600wds) (15%), written tests (equivalent to 2600wds) (65%), oral tests (equivalent to 800wds) (20%)

This unit is based on a communicative approach and concentrates on interactive exercises and activities to develop skill in complex sentence formation and communicative functions, extend vocabulary, learn about aspects of French culture and acquire skills necessary for oral class presentations and essay writing in French. This unit is normally taken by specialist students in conjunction with FRNC2615 French Reading 2. Having completed FRNC2612 Senior French 2, students in their third year will enter FRNC2621 Senior French 3.

Textbooks
Collins-Robert French Dictionaries
Grammaire progressive du français (intermédiaire)
A. Nolthomb
Course booklets to be purchased from the University Copy Centre

FRNC2614
French Reading 1: Text and Society
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week, 1x1-hr tutorial/week Prerequisites: FRNC1612, FRNC1622, FRNC1102, FRNC1202 Prohibitions: FRNC2621, FRNC2631, FRNC2501, FRNC3621, FRNC3622 Assessment: 3xwritten assignments (equivalent to 600wds in English), 1xclass test (30%), 1xcommentary on text (30%), 1xessay (30%), participation and preparation (10%)

Note: This unit is required for students intending to major or take options in their third year

This unit provides a socio-historical and cultural framework for students’ studies within the department and develops reading, analytical and critical skills through the close study of a variety of contemporary, authentic texts. The segment presents an overview of the social transformations France has undergone in the twentieth century and the political challenges it confronts as it attempts to redefine its role in the world and in Europe.

Textbooks
A dossier of texts to be purchased from the University Copy Centre

FRNC2615
Literature and Theatre
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture, 1x1-hr tutorial/week Prerequisites: FRNC2614, FRNC2501 Prohibitions: FRNC2502, FRNC2622, FRNC2631, FRNC3621, FRNC3622 Assessment: 1x1000wd class test (10%), 1x1000wd commentary (10%), 1xoral presentation (equivalent to 1500wds) (30%), 1x2500wd essay (30%)

Note: this unit is required for students intending to major or take options in their third year

This unit continues the study of French national and cultural identity through the centuries, the development of reading, analytical and critical skills, and the practice of oral and written French. It places greater emphasis on literary texts, including study of narrative fiction and a play. It is designed for students in the second year of the beginner or intermediate streams, to be taken by specialist students in conjunction with FRNC2612.

Textbooks
Aucassin et Nicolete, Garnier-Flammarion
Jean Tardieu, La Comédie du drame, Folio

FRNC2621
Senior French Intermediate 3
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week, 1x2-hr tutorial/week Prerequisites: FRNC2612 or FRNC2104 Prohibitions: FRNC3105 Assessment: written assignments in French (equivalent to 2000wds in English) (2x20%), 1xwritten class test in French (equivalent to 1500wds in English) (20%), 1x3-4 minute oral test in French (equivalent to 1000wds in English) (20%), participation and online exercises (20%)

This unit follows on from FRNC2612 Senior French Intermediate 2. It seeks to develop speaking, writing, listening and reading skills while providing an insight into contemporary French culture. The unit uses communicative and cognitive approaches to language learning. Students’ active participation through teamwork, role-playing and other interactive techniques is an essential aspect of all classes. This unit is normally taken by specialist students in conjunction with one of the options.

Textbooks
Course booklets to be purchased from the University Copy Centre
FRNC2622
Senior French Intermediate 4
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 1x2-hr tutorial/week Prerequisites: FRNC2621 or FRNC3105 Prohibitions: FRNC3106 Assessment: written assignments in French (equivalent to 2000wds in English) (2x15%), 1xwritten class test in French (equivalent to 1500wds in English) (20%), oral tests in French (equivalent to 1000wds in English) (30%), participation and online exercises (20%)

This unit is a continuation of FRNC2621. It provides further insights into contemporary French culture and will lead to simple discussions on French cultural issues and current affairs.

Textbooks
Course booklets to be purchased from University Copy Centre

FRNC2651
Introduction à la Linguistique
Credit points: 6 Session: Semester 1 Classes: 2x1-hr seminar/week Prerequisites: FRNC1302 or FRNC1632 or FRNC2502 or FRNC2615 Prohibitions: FRNC2602 Assessment: coursework, small assignments (equivalent to 500wds each) (2x20%), final text analysis and interpretation (equivalent to 4000wds) (60%)

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 students with an understanding of what we do when we use language, and grammar, in particular.

Textbooks
Course booklet to be purchased from the University Copy Centre

FRNC2655
Professional French
Credit points: 6 Session: Semester 1 Classes: 1x2hr tutorial/week Prerequisites: FRNC1632 or FRNC2622 Prohibitions: FRNC3631 Assessment: 2xwritten assignments in French (e.g. business letter, CV) (equivalent to 1000wds each) (30%), 2xwritten class test in French (equivalent to 3000wds) (50%), 1xoral test in French (20%)

With its business orientation, this language course aims at developing the communicative and cultural skills necessary to operate successfully in a French or francophone professional environment. Students will develop their oral and written skills in a professional context. They will also be familiarised with French business practices and will reflect on cross-cultural issues that affect language and communication in the workplace.

FRNC2666
Research Methods in French Studies
Credit points: 6 Session: Semester 2 Classes: 1x2-hr tutorial/week Prerequisites: Credit in FRNC1632 or FRNC2615 or FRNC1302 or FRNC2502 Assessment: 1x10-15 minute class presentation in French (equivalent to 3000wds in English) (30%), 1xresearch methodology project in French (equivalent to 3000wds in English) (60%), class participation (10%)

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

This unit is designed as an 'Advanced' unit for students enrolled in the BA (Advanced) degree program. This unit is a prerequisite for admission to honours but may also be taken by students with a credit average as an additional unit. It introduces students to research methodologies and practices in various aspects of French Studies and provides them more generally with the basic tools for carrying out research in the humanities and social sciences.

FRNC2681
French Narrative Cinema
Credit points: 6 Session: Semester 1 Classes: 2x1-hr seminar/week Prerequisites: FRNC1632, FRNC1302, FRNC2615 or FRNC2502 Prohibitions: FRNC2802 Assessment: 1xoral presentation (equivalent to 2000wds) (30%), classwork (equivalent to 1000wds) (10%), written assignments (equivalent to 3000wds) (60%), all assessment is in French

This unit will explore the ways in which French cinema and society have interacted since WWII. It will examine how French society has been represented in fiction films and how major socio-political events have shaped French cinema. We will explore some basic concepts in French film theory and analytical methods derived from them. Film screenings are an integral part of the unit, and students must arrange their timetable so that they can watch each film at least once.

Textbooks
A dossier of texts to be purchased from the University Copy Centre

FRNC3621
Senior French Advanced 5
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week, 1x2-hr tutorial/week Prerequisites: FRNC1632 or FRNC3105 Prohibitions: FRNC2303 Assessment: 1xwritten assignment in French (equivalent to 1500wds in English) (30%), 1xwritten class test in French (equivalent to 1000wds in English) (25%), 1xoral class test in French (equivalent to 1500wds in English) (25%), 1xoral presentation (equivalent to 500wds) (10%), preparation and participation (10%)

This unit will provide a review of formal grammar, concentrating on complex sentences, paragraph and text structure, as well as placing emphasis on oral and written receptive and active communicative skills through functionally-oriented language activities. A range of authentic and semi-authentic material will be used, drawn from written and audiovisual media and occasional literary sources, covering topics of contemporary interest and providing vocabulary development. This unit of study is normally taken by specialist students in combination with one of the options.

Textbooks
J. Ollivier, Grammaire Française, 4th edition
Duplicated material to be purchased from the University Copy Centre

FRNC3622
Senior French Advanced 6
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 1x2-hr tutorial/week Prerequisites: FRNC3621 or FRNC2303 Prohibitions: FRNC2304 Assessment: 1xwritten assignment in French (equivalent to 1500wds in English) (30%), 2xwritten class tests in French (equivalent to 1500wds in English) (35%), 1xoral class test in French (equivalent to 1500wds in English) (25%), preparation and participation (10%)

This unit is a continuation of FRNC3621. It will normally be taken by specialist students in conjunction with one of the specialist options. Having completed FRNC3622 Senior French 6, students in their third year will enter FRNC3631 Senior French 7.

Textbooks
J. Ollivier, Grammaire Française, 4th edition
Duplicated material to be purchased from the University Copy Centre

FRNC3631
Senior French Advanced 7
Credit points: 6 Session: Semester 1 Classes: 1x3-hr seminar/week Prerequisites: FRNC3622 or FRNC2304 Prohibitions: FRNC3305 Assessment: 1xwritten assignment (equivalent to 2000wds) (40%), 1xoral presentation in French (equivalent to 2000wds) (40%), classwork (equivalent to 500wds) (20%)

In this unit of study, students will develop further their oral and written skills. Emphasis is placed on improving students' fluency, spontaneity and accuracy in oral French through debates and discussion of contemporary issues. Reading and writing skills are developed through specific exercises, such as text summaries and syntheses, as well as grammar exercises.

Textbooks
Course booklet to be purchased from University Copy Centre

FRNC3653
French Translation
Credit points: 6 Session: Semester 2 Classes: 2x1-hr seminar/week Prerequisites: Credit in FRNC1632, FRNC1302, FRNC2615 or FRNC2502 Prohibitions: FRNC3810 Assessment: assignments (equivalent to 3000wds) (40%), tests (equivalent to 2400wds) (50%), participation (10%)

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

An investigation into the theory and practice of translation, from French into English. Students will be required to undertake weekly exercises
in translation and to prepare a translation with critical and analytical commentary (equivalent to 3000 word essay overall).

FRNC3655
French Sociolinguistics
Credit points: 6
Session: Semester 2
Classes: 2x1-hr seminar/week
Prerequisites: FRNC1302 or FRNC1632 or FRNC2502 or FRNC2615
Assessment: 1x10-12 minute class presentation in French language (equivalent to 3000wds in English) (30%), 1xresearch based essay in French language (equivalent to 3000wds in English) (60%), participation (10%).

The focus of this course is French language. It will familiarise students with the history, status and profile of the main varieties of French outside France and current issues in language policy in the French speaking world, while introducing them to key concepts such as language use, linguistic variation (according to gender, age, social origin, etc.), or issues of bilingualism and identity. Through critical reading and practice, students will learn how to design, conduct and report research projects regarding French language.

FRNC3682
French Popular Culture
Credit points: 6
Session: Semester 2
Classes: 2x1-hr seminar/week
Prerequisites: FRNC1632 or FRNC1302 or FRNC2502 or FRNC2615
Prohibitions: FRNC3805, FRNC3806
Assessment: class participation (10%), 1x10-12 minute class presentation (equivalent to 3000wds in English) (40%), 1x1500wd essay in French (equivalent to 3000wds in English) (50%)

The aim of this unit is to define and study French popular culture. What are the distinctions between popular culture and elite culture? How is the audience characterised? By studying different media (popular literature, advertising, comic strips, etc.), we will analyse the elements that characterise popular culture and discuss its social, ideological and psychological functions. The theoretical discussions will be based on the studies of Barthes, Eco and Baudrillard.

Textbooks
Course booklet to be purchased from the University Copy Centre

FRNC3686
Le Grand siècle: 17th century France
Credit points: 6
Session: Semester 1
Classes: 2x1-hr seminar/week
Prerequisites: FRNC1302, FRNC1632, FRNC2502 or FRNC2615
Prohibitions: FRNC3807
Assessment: 1x10 minute class presentation in French (equivalent to 2000wds in English) (30%), 1x2000-2500wd essay in French or, with permission, for 'introductory' stream students, 4000wd essay in English (70%)

This unit explores how the Grand siècle has shaped modern France, and by extension, Europe, through, among others: Louis XIV's absolutism; the philosophies and science of Descartes, Cyrano and Pascal; Richelieu's Académie Française and La République des lettres; the ongoing querelle des femmes; the theatre of Corneille, Racine and Molière, and the tales of Perrault, marking passage from baroque to classicism and the querelle des Anciens et des Modernes; even the birth of classical ballet and the precursors to Orientalism.

Textbooks
René Descartes, Discours de la Méthode. Librio
Pierre Corneille, L’illusion comique. Larousse
Molière, Tartuffe. Librio
Blaise Pascal Penseées, Le Guern edition. Gallimard
Jean Racine, Prédile. Larousse
Plus a selection of readings to be purchased from the Copy Centre or available online

FRNC3801
French In-Country Study
Credit points: 6
Session: Semester 1, Semester 2
Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a "Satisfied Requirements" result at the University of Sydney.
Note: Department permission required for enrolment.

For students studying in an approved course at an overseas tertiary level institution.

FRNC1801
French Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.
For students studying overseas.

FRNC1802
French Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.
For students studying overseas.

FRNC2803
French Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.
For students studying overseas.

FRNC2804
French Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.
For students studying overseas.

FRNC2805
French Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.
For students studying overseas.

FRNC2806
French Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.
For students studying overseas.

FRNC2807
French Honours A
Credit points: 12
Session: Semester 1, Semester 2
Classes: Two seminars, each seminar meets weekly for 2 hours for one semester
Prerequisites: 48 senior credit points (with Credit average or better) including FRNC2666 Research Methods in French Studies and FRNC3631 Senior French Language (or equivalent).
Assessment: A thesis of 18000-20000 words in length and 6000-8000 words of written work or its equivalent for each seminar.
Note: Department permission required for enrolment.

The Honours program in French Studies consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for two hours for one semester.
The thesis should be of 18000-20000 words. Each seminar requires 6000-8000 words of written work or its equivalent.
The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.
The following seminars are on offer in 2011:
Words, Images and Traces (Dr Françoise Grauby))
Literary World of Medieval France (Dr Andrea Williams)
For more information, contact Dr Michelle Royer, Honours coordinator.

FRNC4012
French Honours B
Credit points: 12  Session: Semester 1, Semester 2  Corequisites: FRNC4011
Refer to FRNC4011

FRNC4013
French Honours C
Credit points: 12  Session: Semester 1, Semester 2  Corequisites: FRNC4012
Refer to FRNC4011

FRNC4014
French Honours D
Credit points: 12  Session: Semester 1, Semester 2  Corequisites: FRNC4013
Refer to FRNC4011

Gender Studies

GCST1602
Introduction to Gender Studies
Credit points: 6  Session: Semester 2  Classes: 1x2-hour lecture/week, 1x1-hour tutorial/week  Assessment: 2x400wd critical summaries (30%), 1xpresentation (10%), 1x1200wd essay (30%), 1x1500wd essay (20%), participation (10%)

How does gender organise lives, bodies, sexualities and desires? How does gender relate to sex and sexuality? Are there really only two genders? How and why is gender such an integral part of how we identify ourselves and others? This unit introduces students to foundational concepts in the study of gender and critically engages with questions of identity, sexuality, family, the body, cultural practices and gender norms in light of contemporary gender theories.

GCST2604
Sex, Violence and Transgression
Credit points: 6  Session: Semester 2, Summer Early  Classes: 1x2-hour lecture/week and 1x1-hour tutorial/week  Assessment: 1x2000wd word case study (40%), 1x2000wd take-home exam (40%), online participation (20%)

Violence is one of the most prevalent themes in popular culture and public discourse today. It shapes our lives in all sorts of ways, both real and imagined. Incorporating concepts and theoretical tools from gender and cultural studies, this course will examine the construction and representation of violence in relation to sexuality, transgression, difference and power.

GCST2607
Bodies, Sexualities, Identities
Credit points: 6  Session: Semester 1, Summer Main  Classes: 1x2-hour lecture and 1x1-hour tutorial per week  Prerequisites: 18 Junior credit points  Prohibitions: WMST2007  Assessment: tutorial participation and exercises (10%), 1x1500wd word essay (40%), 1x2500wd word essay (50%)

In this unit of study we will examine the ways in which feminist and other cultural theories have used bodies and sexualities in order to theorise difference and identity. The body and sexuality have been shown to be a major site for the operation of power in our society. We will look at how bodies and sexualities have given rise to critical understandings of identity. The unit of study will be devoted to working through some of the major theories of sexuality and embodiment, and the analysis of cultural practices.

GCST2609
Masculinity, Mateship and Men's Lives
Credit points: 6  Session: Semester 2, Winter Main  Classes: 1x2-hour lecture/week, 1x1-hour tutorial/week  Prerequisites: 18 Junior credit points  Prohibitions: WMST2009  Assessment: tutorial participation (10%), 1xtutorial presentation (10%), 1x1500wd write-up of presentation (30%) and 1x2000wd essay/take-home exam (50%)

What do men want? From a traditional focus on feminism in gender studies, it is increasingly clear that masculinity has undergone tremendous changes in the last several decades. From a perspective of gender and cultural studies, this unit examines the economic, social and cultural contexts in which masculinity is lived. We will consider different case studies focused on the changing representation of men in contemporary culture. These will include aspects of style and consumption, roles within workplaces, and in domestic practices.

GCST2610
Intimacy, Love and Friendship
Credit points: 6  Session: Semester 2  Classes: 1x2-hour lecture/week, 1x1-hour tutorial/week  Prerequisites: 18 Junior credit points  Prohibitions: WMST2010  Assessment: participation (10%), 1x500wd tutorial paper (10%), 1x1500wd essay (30%) and 1x2000wd final essay (50%)

This unit examines the representation and practices of intimate relations focusing especially on the intersection between intimacy and constructions of gender. Divided into three sections, the unit will examine theories of love and friendship, contemporary cultural representations of love, desire and friendship, and the ethics and politics of erotics. This unit will also examine new technologies of intimacy, and discuss their implications for gender and sexuality.

GCST2614
The Body: Theories, Practices, Cultures
Credit points: 6  Session: Semester 2  Classes: 1x1.5-hour lecture, 1x1-hour tutorial and 30min online participation/week  Prerequisites: 18 Junior credit points  Prohibitions: WMST2012  Assessment: 1x1000wd close reading exercise (25%), 1x1500wd analytical essay (35%), 1x2000wd final essay (40%) and 5x non-assessable posts to discussion board (online participation)

How are bodily life and social worlds intertwined? What meaning can be found in even the most mundane or intimate body practices and cultures? This unit introduces students to the cultural study of embodiment and the body, drawing on a variety of body practices, cultures and functions, including breathing, toileting, nudism, yoga and body modification. Key concepts include: the mind/body split; disgust and taboos; the creation of borders, surfaces and depths; and the plasticity of bodies in culture.

GCST2804
Gender Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2  Note: Department permission required for enrolment.

GCST2805
Gender Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2  Note: Department permission required for enrolment.

GCST2806
Gender Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2  Note: Department permission required for enrolment.

GCST2810
Gender Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2  Note: Department permission required for enrolment.

GCST2811
Gender Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2  Note: Department permission required for enrolment.

GCST4015
Gender Studies Honours A
Credit points: 12  Session: Semester 1, Semester 2  Classes: one class of 2-3hrs/week for each seminar  Prerequisites: Credit average in 48 senior credit points of Gender Studies, including GCST2802 (or WMST2002)  Assessment: a thesis of 15000 words and 6000 words of written work or its equivalent for each seminar  Note: Department permission required for enrolment.

The Honours program in Gender Studies consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. one seminar that meets weekly for 3 hours for one semester and two seminars that meet weekly for 2 hours for one semester
3. non-assessable participation in an Honours "mini-conference" that runs for half a day early in semester 2.

The thesis should be of 15,000 words in length. Each seminar requires 6,000 words of written work or its equivalent.

The thesis is worth 40% of the final Honours mark and each of the seminars is worth 20%.

The following seminars are on offer in 2011:
- Arguing the Point (Dr Melissa Gregg) (Sem 1)
- Philosophy in the Feminine (Sem 1)
- Sport, Media and Gendered Cultures (Sem 1)
- Modernism, Modernity and Modern Culture (Dr Natalya Lust) (Sem 2)

Identity, Place and Culture (Prof Meghan Morris) (Sem 2)

For more information, contact Dr Melissa Gregg, Honours coordinator.

GCST4016
Gender Studies Honours B
Credit points: 12
Session: Semester 1, Semester 2
Prerequisites: Refer to GCST4015
Corequisites: GCST4016

Refer to GCST4015

GCST4017
Gender Studies Honours C
Credit points: 12
Session: Semester 1, Semester 2
Prerequisites: Refer to GCST4015
Corequisites: GCST4016

Refer to GCST4015

GCST4018
Gender Studies Honours D
Credit points: 12
Session: Semester 1, Semester 2
Prerequisites: Refer to GCST4015
Corequisites: GCST4017

Refer to GCST4015

GCST4101
Arguing the Point
Credit points: 6
Session: Semester 1
Classes: 1x2-hr seminar/week
Prerequisites: Credit average in 48 senior credit points of Gender Studies, including GCST2602 (or WMST2002) OR credit average in 48 senior credit points of Cultural Studies, including GCST2601 (or WMST2001)
Prohibitions: WMST4011
Assessment: 4000-6000 words of written work or its equivalent (100%)

Note: Department permission required for enrolment. Note: The Honours in Gender Studies and Honours in Cultural Studies programs are structured in the same way. For each, a student must enrol in GCST4101 Arguing the Point and GCST4102 Research Skills. Every student then takes four Honours Thesis units and two Honours Seminar units, in Gender Studies or Cultural Studies respectively. It is also possible to do combined Honours by enrolling in one Seminar and two Thesis units from each discipline. All Honours students are also expected to attend the Departmental research seminar series. Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010.

GCST4102
Research Skills
Credit points: 6
Session: Semester 1
Corequisites: GCST4101
Assessment: Satisfactory completion Practical field work: Workshop lengths at times vary across the semester. A program is provided at the beginning of semester

Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101

GCST4103
Gender Studies Honours Seminar A
Credit points: 6
Session: Semester 1, Semester 2
Classes: 1x2-hr seminar/week
Corequisites: GCST4101
Assessment: 4000-6000 words of written work or its equivalent

Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101

GCST4104
Gender Studies Honours Seminar B
Credit points: 6
Session: Semester 1, Semester 2
Classes: 1x2-hr seminar/week
Corequisites: GCST4101
Assessment: 4000-6000 words of written work or its equivalent

Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101

GCST4105
Gender Studies Honours Thesis A
Credit points: 8
Session: Semester 1, Semester 2
Corequisites: GCST4101
Assessment: 15000 word thesis Practical field work: Consultations with a supervisor appointed by the Department, as determined between the student and the supervisor

Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101

GCST4106
Gender Studies Honours Thesis B
Credit points: 6
Session: Semester 1, Semester 2
Corequisites: GCST4101
Practical field work: Consultations with a supervisor appointed by the Department, as determined between the student and the supervisor

Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101

GCST4105
Gender Studies Honours Thesis C
Credit points: 6
Session: Semester 1, Semester 2
Corequisites: GCST4101
Practical field work: Consultations with a supervisor appointed by the Department, as determined between the student and the supervisor

Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101

GCST4108
Gender Studies Honours Thesis D
Credit points: 6
Session: Semester 1, Semester 2
Corequisites: GCST4101
Practical field work: Consultations with a supervisor appointed by the Department, as determined between the student and the supervisor

Note: Department permission required for enrolment. Note: Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010. See GCST4101

Refer to GCST4105

Germanic Studies

GRMN1111
Junior German 1
Credit points: 6
Session: Semester 1
Classes: 2x2-hr seminars/week
Prohibitions: HSC German Extension, German Continuers, German Beginners 70% or above Assessment: coursework (tests, assignments, class presentations, participation) (50%), 1x2-hr exam (50%)

Practical language classes based on a communicative approach that aims to develop the following language skills: speaking and understanding basic conversational German, writing German of an everyday kind and reading simple German texts which will provide an insight into aspects of contemporary life in the German-speaking countries.

Textbooks
Niemann, studio d A1. Deutsch als Fremdsprache. Sprachtraining (Cornelsen)
Funk et al, studio d A1. Deutsch als Fremdsprache. Vokabeltaschenbuch (Cornelsen)
GRMN1122
Junior German 2
Credit points: 6
Session: Semester 2
Classes: 2x2-hr seminars/week
Prerequisites: GRMN111 Assessment: classwork (tests, assignments, class presentations, participation) (50%), 1x2hr exam (50%)
Practical language classes based on a communicative approach. These classes will develop and extend the language skills acquired in Semester 1.
Textbooks
Funk et al, studio d A2. Deutsch als Fremdsprache. Kurs-und Übungsbuch (Cornelsen)
Niemann, studio d A2. Deutsch als Fremdsprache. Sprachtraining (Cornelsen)

GRMN1211
Junior German 3
Credit points: 6
Session: Semester 1
Classes: 1x2-hr seminar/week, 2x1-hr seminars/week
Prerequisites: HSC German Beginners 70% or above or German Continuers below 70%.
Assessment: classwork (conversation, class tests, compositions, comprehensions, translations, class presentations, short literature essay) (70%), 1x2hr exam (30%)
Practical language 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 students' reading and comprehension skills; it also provides an introduction to the skills of literary analysis.
Textbooks
Funk et al, studio d B1. Kurs- und Übungsbuch (Cornelsen)
Funk et al, studio d B1. Vokabeltaschenbuch (Cornelsen)
Niemann, studio d B1. Deutsch als Fremdsprache. Sprachtraining (Cornelsen)
Teichert et al, Allerlei zum Lesen, 2nd edition (D.C. Heath and Company)

GRMN1222
Junior German 4
Credit points: 6
Session: Semester 2
Classes: 2x1-hr seminars/week, 2x2-hr seminars/week
Prerequisites: GRMN1211 Assessment: classwork (conversation, class tests, compositions, comprehensions, translations, class presentations, short literature essay) (70%), 1x2hr exam (30%)
Practical language 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. Test study class: 1 hour per week. This part of the course is designed to further develop students' reading and comprehension skills; it also provides an introduction to the skills of literary analysis.
Textbooks
Teichert et al, Allerlei zum Lesen, 2nd edition (D.C. Heath and Company)
Perlmann-Balme et al, em neu 2008 Brücken kurs, Kursbuch (Hueber)
Orth-Chambah et al, em neu 2008 Brücken kurs, Arbeitsbuch (Hueber)
Hering et al, em Übungsgrammatik (Hueber)

GRMN1311
Junior German 5
Credit points: 6
Session: Semester 1
Classes: 1x2-hr seminar/week, 2x1-hr seminars/week
Prerequisites: HSC German Extension or German Continuers 70% or above.
Assessment: classwork (conversation, class tests, compositions, comprehensions, translations, class presentations, short literature essay) (84%), 1x2hr exam (36%)
Practical language 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 class: 1 hour per week. Discussion of a selection of literary texts to develop students' appreciation of these genres and introduce them to the skills of literary and film analysis.
Textbooks
Lodewick, Barthel 1 Kursbuch (Fabouda)
Lodewick, Barthel 1 Übungsbuch (Fabouda)
Hering et al, em Übungsgrammatik (Hueber)
German Literature course pack to be purchased from the University Copy Centre

GRMN1322
Junior German 6
Credit points: 6
Session: Semester 2
Classes: 1x2-hr seminar/week, 2x1-hr seminars/week
Prerequisites: GRMN1311 Assessment: classwork (conversation, class tests, compositions, comprehensions, translations, class presentations, short literature essay) (64%), 1x2hr exam (36%)
Practical language 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 class: 1 hour per week. Discussion of a variety of literary texts to develop students' appreciation of literature and introduce them to the skills of literary analysis. At the end of this unit students will be able to sit the TestDaF, the pre-requisite language examination for German universities.
Textbooks
Lodewick, Barthel 1 Kursbuch (Fabouda)
Lodewick, Barthel 1 Übungsbuch (Fabouda)
Hering et al, em Übungsgrammatik (Hueber)
Kniflta, Gutzat, Training TestDaF. Material zur Prüfungsvorbereitung. Trainingsbüch (Langenscheidt)
German Literature course pack to be purchased from the University Copy Centre.

GRMN2611
Senior German 1
Credit points: 6
Session: Semester 1
Classes: 1x1-hr seminar/week, 1x2-hr seminars/week
Prerequisites: GRMN1122 Prohibitions: GRMN1121,
GRMN1222, GRMN1311, GRMN1322 Assessment: classwork (conversation, class tests, compositions, comprehensions, translations, class presentations) (60%) and 1x2hr exam (40%)
Using the most recent textbook materials which conform to both the European and International reference frameworks, this unit is designed to consolidate and extend the basic German knowledge gained in Junior German 1 and Junior German 2. Classes will practise both written, oral/aural and comprehension skills.
Textbooks
Funk et al, studio d B1. Kurs- und Übungsbuch (Cornelsen)
Funk et al, studio d B1. Vokabeltaschenbuch (Cornelsen)
Niemann, studio d B1. Deutsch als Fremdsprache. Sprachtraining (Cornelsen)

GRMN2621
Senior German 2
Credit points: 6
Session: Semester 2
Classes: 1x1-hr seminar/week, 1x2-hr seminars/week
Prerequisites: GRMN2611 or GRMN2211
Assessment: classwork (conversation, class tests, compositions, comprehensions, translations, class presentations) (60%) and 1x2hr exam (40%)
Using the most recent textbook materials which conform to both the European and International reference frameworks, this unit is designed to consolidate and extend the basic German knowledge gained in Senior German 1. Classes will practise both written, oral/aural and comprehension skills.
Textbooks
Perlmann-Balme et al, em neu 2008 Brücken kurs, Kursbuch (Hueber)
Orth-Chambah et al, em neu 2008 Brücken kurs, Arbeitsbuch (Hueber)
Hering et al, em Übungsgrammatik (Hueber)

GRMN2623
Senior German 3
Credit points: 6
Session: Semester 1
Classes: 1x2-hr seminar/week, 1x1-hr seminar/week
Prerequisites: GRMN2222 or GRMN2612
Prohibitions: GRMN1311, GRMN1322 Assessment: classwork (conversation, class tests, compositions, comprehensions, translations, class presentations) (70%) and 1x2hr exam (30%)
Using the most recent textbook materials which conform to both the European and International reference frameworks, this unit is designed to consolidate and extend students' command of the German language by practising both written, oral/aural and comprehension skills at a level higher than the level already completed. At the completion of this unit students will have reached the equivalent of the 'Zertifikat Deutsch'.
Textbooks
Perlmann-Balme et al, em neu 2008 Brücken kurs, Kursbuch (Hueber)
Orth-Chambah et al, em neu 2008 Brücken kurs, Arbeitsbuch (Hueber)
Studentinnen und Studenten. Textbooks using the German language.

Using the most recent textbook materials which conform to both the European and International reference frameworks, this unit is designed to consolidate and extend students' command of the German language by practising both written, oral/aural and comprehension skills at a level higher than the level already completed.

**Textbooks**
- Glienicke, Katthagen, TestDaF. Kurs zur Prüfungsvorbereitung (Hueber)
- Hering et al, em Übungsgrammatik (Hueber)

**GRMN2614**

**Senior German 4**

**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 1x2-hr seminar/week, 1x1-hr seminar/week  
**Prerequisites:** GRMN2613 or GRMN2311  
**Prohibitions:** GRMN1311, GRMN1322  
**Assessment:** classwork (conversation, class tests, compositions, comprehensions, translations, class presentations) (70%), 1x2hr exam (30%)

Using the most recent textbook materials which conform to both the European and International reference frameworks, this unit is designed to consolidate and extend students' command of the German language by practising both written, oral/aural and comprehension skills at a level higher than the level already completed.

**Textbooks**
- Lodewick, Barthel 1 Kursbuch (Fabouda)
- Lodewick, Barthel 1 Übungsbuch (Fabouda)
- Kniffza, Gutzat, Training TestDaF. Material zur Prüfungsvorbereitung. Trainingsbuch (Langenschiedt)

**GRMN2615**

**Senior German 5**

**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1x2-hr seminar/week, 1x1-hr seminar/week  
**Prerequisites:** GRMN2322 or GRMN2614  
**Prohibitions:** GRMN1311, GRMN1322  
**Assessment:** classwork (conversation, class tests, compositions, comprehensions, translations, class presentations) (70%), 1x2hr exam (30%)

Using the most recent textbook materials which conform to both the European and International reference frameworks, this unit is designed to consolidate and extend students' command of the German language by practising both written, oral/aural and comprehension skills at a level higher than the level already completed.

**Textbooks**
- Lodewick, Barthel 1 Kursbuch (Fabouda)
- Lodewick, Barthel 1 Übungsbuch (Fabouda)
- Kniffza, Gutzat, Training TestDaF. Material zur Prüfungsvorbereitung. Trainingsbuch (Langenschiedt)

**GRMN2616**

**Senior German 6**

**Credit points:** 8  
**Session:** Semester 2  
**Classes:** 1x2-hr seminar/week, 1x1-hr seminar/week  
**Prerequisites:** GRMN2615  
**Prohibitions:** GRMN1311, GRMN1322  
**Assessment:** classwork (conversation, class tests, compositions, comprehensions, translations, class presentations) (70%), 1x2hr exam (30%)

Using the most recent textbook materials which conform to both the European and International reference frameworks, this unit is designed to consolidate and extend students' command of the German language by practising both written, oral/aural and comprehension skills at a level higher than the level already completed.

**Textbooks**
- Lodewick, Barthel 1 Kursbuch (Fabouda)
- Lodewick, Barthel 1 Übungsbuch (Fabouda)
- Kniffza, Gutzat, Training TestDaF. Material zur Prüfungsvorbereitung. Trainingsbuch (Langenschiedt)

**GRMN2617**

**Senior German 7**

**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1x2-hr seminar/week, 1x1-hr seminar/week  
**Prerequisites:** GRMN1322 or GRMN2616  
**Prohibitions:** GRMN2351, GRMN2632  
**Assessment:** classwork (conversation, class tests, compositions, comprehensions, translations, class presentations) (60%) and 1x2hr exam (40%)

Using the most recent textbook materials which conform to both the European and International reference frameworks, as well as additional materials, this unit is designed to consolidate and extend students' command of the German language by practising both written, oral/aural and comprehension skills at a level higher than the level already completed. In this unit students will especially acquire a good foundation on the cultural conditions leading to understanding and using the German language.

**Textbooks**
- Lodewick, DSH & Studienvorbereitung. Deutsch als Fremdsprache für Studentinnen und Studenten. Tex-und Übungsbuch. (Fabouda)
- Hering et al, em Übungsgrammatik (Hueber)

**GRMN2618**

**Senior German 8**

**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 1x2-hr seminar/week, 1x1-hr seminar/week  
**Prerequisites:** GRMN2617  
**Prohibitions:** GRMN2362  
**Assessment:** classwork (conversation, class tests, compositions, comprehensions, translations, class presentations) (60%) and 1x2hr exam (40%)

Using current materials, this unit is designed to consolidate and extend students' command of the German language by practising both written, oral/aural and comprehension skills at a level higher than the level already completed. In this unit students will especially acquire a good foundation on the specific structure of the German language and its background.

**Textbooks**
- Lodewick, DSH & Studienvorbereitung. Deutsch als Fremdsprache für Studentinnen und Studenten. Tex-und Übungsbuch. (Fabouda)

**GRMN2631**

**Reading Comprehension and Text Study**

**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1x2-hr seminar/week  
**Prerequisites:** GRMN1111 and GRMN1122 or (GRMN1211 and GRMN1222)  
**Prohibitions:** GRMN1311, GRMN1322, GRMN2615, GRMN2616, GRMN2617, GRMN2618  
**Assessment:** 1x2000wd essay (40%), 3x1000wd class tests (30%), 1x1hr exam (30%)

Particularly suitable for students who have completed Junior German 1 and 2. The emphasis of the unit of study will be on improving students' reading skills as a necessary prerequisite to literary analysis and interpretation.

**Textbooks**
- Teichert et al, Allerlei zum Lesen, 2nd edition (D.C. Heath and Company)

**GRMN2633**

**Topics in German Film**

**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 1x2-hr seminar/week  
**Prerequisites:** 12 Junior credit points of German  
**Assessment:** 1x3500wd essay (60%), 1x1500wd written tutorial paper (25%), 1x1000wd class presentation (15%)

This unit of study will explore German film from the perspectives of film theory and historical culture. Discussions will situate films within the German political and cultural context of their time and study them from the perspective of contemporary cross-cultural critique. The unit may concentrate on the works of a specific director, a period or a genre, or deal with key social and political issues within a selection of German films.

**Textbooks**
- German film course pack to be purchased from the University Copy Centre

**GRMN2637**

**Business German**

**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 1x1-hr lecture/week, 1x1hr tutorial/week  
**Prerequisites:** GRMN1222, GRMN1322, GRMN2222 or GRMN2612  
**Assessment:** classwork (tests, assignments, presentations, participation) (60%), 1x2hr exam (40%)

This unit develops and practices the language skills, both oral and written, necessary for working in a German business environment. It will deal with issues ranging from everyday communication within a business context, to in-depth analyses of specific economic topics.

**Textbooks**
- Becker, Brauert, Eisfeld, Dialog Beruf 2 (Hueber)
- Becker, Brauert, Eisfeld, Dialog Beruf 2. Arbeitsbuch (Hueber)

**GRMN2638**

**Gender & Sexuality in German Literature**

**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1x2-hr seminar/week  
**Prerequisites:** 12 Junior credit points of German not including GRMN1133  
**Assessment:** 1x3500wd essay (60%), 1x1500wd tutorial paper (25%), 1x1000wd class presentation (15%)

This unit examines the works of some of the most important German and Austrian authors of the 'Jahrhundertwende' with regard to discourses on gender and sexuality at the turn of the century.

**Textbooks**
GERMN2641
German Culture and Society 1806-1848
Credit points: 6 Session: Semester 1 Classes: 1x2 hr seminar/week
Prerequisites: any 12 Junior credit points of German, not including
GRMN1111, GRMN1122 Assessment: 1x2000wd essay (30%), 1x1500wd tutorial paper (25%), 1x1500wd essay (25%)
This unit offers an introduction to German culture and society in the first half of the 19th century. It looks at how the foundations of the German nation state were laid in the wake of upheavals that began with the French Revolution and at the traces of these developments in literature. Through analysing contemporary literary texts and examining cultural, social and political conditions, it builds an understanding of how German society moved towards a unified Nation State and towards industrialisation.

Textbooks
Course pack to be purchased from the University Copy Centre

GERMN2683
German Literature and Culture
Credit points: 6 Session: Semester 1 Classes: 1x2 hr seminar/week
Prerequisites: Credit average in 12 Junior credit points of German, not including
GRMN1111, GRMN1122 Assessment: 1x3000wd essay (50%), 1x1500wd tutorial paper (25%), 1x20 minute class presentation (equivalent to 1500wds (25%)
(This is a special honours entry unit.) What is the place of literature in life? Why do people write and read literature? This unit will provide students with an overview of the history of German literature within its broader cultural context. It will look at different styles of writing and introduce different methodological ways of dealing with literary texts of various times. It will examine the role of literature within society and its importance for sociological and anthropological discourses.

Textbooks
Lessing: Emilia Galotti (suhrkamp 44)
Keller: Kleider machen Leute (SBB 68)
Kafka: Der Verzehrung der Kinder (suhrkamp 13)
Heiner Müller: Verkommenes Ufer (Mediamaterial Landschaft Mit Argonauten (provided by the Department)
Deutsche Gedichte (provided by the Department)

GERMN2686
The German Wende in Literature & Culture
Credit points: 6 Session: Semester 2 Classes: 1x2 hr seminar/week
Prerequisites: Credit average in 12 Junior credit points of German, not including
GRMN1111, GRMN1122 Assessment: 1x3000wd essay (50%), 1x1500wd essay (25%)
Reunification and the cultural, societal and political changes that preceded and followed the fall of the Berlin Wall remain key issues in contemporary German culture and society. The seminar will introduce students to key aspects of the German "Wende" (Turnaround) and reunification, via the study of a selection of German texts produced since 1989. It will introduce students to key works that focus on the "Wende" and German reunification and its repercussions as well as the historical background.

Textbooks
Jens Sparschuh: Der Zimmerspringbrunnen
Thomas Brussig: Helden wie wir

GERMN2811
Germanic Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

GERMN2812
Germanic Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

GERMN2813
Germanic Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

GERMN2814
Germanic Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

GERMN2815
Germanic Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

GERMN4011
German Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: 12 Senior credit points of German, not including
GRMN1111, GRMN1122 Assessment: 1x2500wd essay (25%), 1x1500wd written exam (25%)
The Honours program in Germanic Studies consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. three seminars each meeting weekly for two hours; Semester 2: one seminar, two hours per week
Prerequisites: 48 senior credit points of German including 12 credit points of special honours entry units (2680 level)
The thesis should be of 15000 words in length. Each seminar requires 7000 - 8000 words of written work or its equivalent for each seminar.
The thesis is worth 50% of the final Honours mark and each of the seminars is worth 15%.
The following seminars are on offer in 2011:
1. Film Adaptations of German Language Literature (Dr Andrea Bandhauer)
2. Artificial Humans in German Literature and Film (Dr Birte Giesler)
3. German Linguistics (Dr Andreas Jäger) For more information, contact Dr Yixu Lu, Honours coordinator.

GERMN4012
German Honours B
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: Refer to GRMN4011
GERMN4013
German Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: Refer to GRMN4011
GERMN4014
German Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: Refer to GRMN4011

Global Studies
For continuing Bachelor of Global Studies students only.

GBST2801
Global Studies Exchange 1
This unit of study is not available in 2011
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

GBST2802
Global Studies Exchange 2
This unit of study is not available in 2011
Government and International Relations

GOVT1101
Australian Politics
Credit points: 6  Session: Semester 1, Semester 2  
Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2  
Assessment: 1x2000wd essay (40%), 1x1000wd critical research exercise (10%), 1x 2hr exam (40%) and tutorial participation (10%)

This unit introduces students to debates about the nature and limits of Australian democracy, to the major institutions of Australian politics, and to the distribution of power in Australian society. Major institutions and forces such as parliament, executive government, the federal system, political parties and the media are examined as arenas of power, conflict and consensus. Who rules? How? Which groups are excluded?  

Textbooks
Texts to be advised.

GOVT1104
Power in Society
Credit points: 6  Session: Semester 2  
Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2  
Assessment: 1x750wd reading assignment (20%), 1x2000wd essay (30%), 1x2hr exam (40%) and tutorial participation (10%)

This unit provides an introduction to the study of politics through a focus on the key organising principle of political science: power. Different ways in which power is theorised and structured are considered, not with the intention of presenting a universal theory or theories, but rather to find some connections and extensions amongst a wide variety of experiences of political power. In particular this unit considers the way power operates in Australian society in relation to political decision making. The unit draws on case studies in order to combine the study of key political ideas and concepts with practical examples from our daily lives (e.g. diet, transport, drugs, clothing, etc.).

GOVT1105
Geopolitics
Credit points: 6  Session: Semester 1, Semester 2  
Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2  
Assessment: 1x1500wd essay (30%), 1x1hr mid-term exam (20%), 1x2hr final exam (40%) and tutorial participation (10%)

This unit will examine how the contemporary international political order has emerged by focusing upon the interplay of diplomatic and strategic issues in the post-war world. It will begin with an analysis of the Cold War and its origins, tracing the development of Soviet-American rivalry, its manifestations in Europe, Asia, Africa and Latin America, and the different ways in which that rivalry was played out. The collapse of the Soviet Union as both a superpower and a state and the disappearance of the communist bloc will be analysed, before surveying the post-Cold War international scene. Among the issues reviewed in the post-Cold War era will be the question of US hegemony and unilateralism vs. multilateralism, nuclear proliferation, the continuing tension between the first and the third worlds, questions of civilisational conflict, non-state actors and terrorism, democratisation, and regional conflict.

GOVT1202
World Politics
Credit points: 6  Session: Semester 1, Semester 2  
Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2  
Assessment: 1x500wd essay (10%), 1x2300wd essay (35%), 1x2hr in-class test (40%) and tutorial participation (15%)

This unit introduces the core content of the field of international relations. The first part of the unit presents the realist, liberal, Marxist and constructivist paradigms of international relations. The second part of the unit discusses the key actors and processes political scientists define in the field, including the state, decision makers, bureaucratic organisations, and classes. The final part of the unit focuses on international security, international political economy, and global problems.

GOVT2111
Human Rights and Australian Politics
Credit points: 6  Session: Semester 2  
Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2  
Prerequisites: 12 Junior credit points from Government Prohibitions:GOVT2101  
Assessment: 1x2500wd briefing paper (30%), 1x2hr exam (50%) and tutorial participation (20%)

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

This unit introduces students to the notion of human rights, outlines international human rights enforcement mechanisms and the application of human rights standards in Australia. Throughout the course we consider the evolution of human rights in Australia and raise questions about the adequacy of Australia's existing human rights machinery, and examine the reasons for Australia's reluctance to adopt a Bill of Rights. We examine government policies toward the indigenous Australians, women and refugees. We also consider current legislative changes to combat terrorism and consider the implications of these changes on Australian's civil rights.

GOVT2114
The Australian Political Party System
Credit points: 6  Session: Semester 2  
Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2  
Prerequisites: 12 Junior credit points from Government Prohibitions:GOVT2104  
Assessment: 1x2500wd essay (40%), 1x1500wd website review (20%), 1x1.5hr exam (30%) and tutorial participation (10%)

The unit examines the Australian party system, including colonial-era pre-party politics, the development of major parties (Labor, Liberal and National) and minor parties (Democrats, Greens, One Nation etc), parties and ideology, parties and social movements, internal party politics, parties and the law, parties and elections, parties and
parliamentary politics, and parties and public policy. Emphasis is placed on how theoretical and comparative models of political parties help to explain Australian party politics.

GOVT2116 Australian Foreign and Defence Policy
Credit points: 6
Session: Semester 1
Classes: 1x2hr lecture-seminar/week, 1x1hr tutorial/week commencing week 2
Prerequisites: 12 Junior credit points from Government Prohibitions: GOVT2106 Assessment: 1x500wd policy brief (10%), 1x2000wd essay (40%), 1x12hr exam (40%) and tutorial participation (10%)

This unit examines Australia's external relations through its foreign and defence policies since Federation. It will begin with an overview of the theoretical tools for studying foreign policy, policy making and the institutions of Australia's external relations, followed by an historical overview of 'Continuity and Change' in Australia's foreign and defence policies over the relevant period. Key regional and international relationships will be analysed, as will Australia's policy response to contemporary global issues such as human rights; the War on Terror; the environment; energy security and nuclear affairs. The unit will conclude with a discussion on identity and Australia's place in the world today.

GOVT2119 Southeast Asia: Dilemmas of Development
Credit points: 6
Session: Semester 2
Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2
Prerequisites: 12 Junior credit points from Government Prohibitions: GOVT2109 Assessment: 1x2000wd essay (25%), 1x1hr mid-semester exam (20%), 1x1hr final exam (25%) and 1x2000wd tutorial presentation and participation (30%)

Until the 1997 East Asian economic/financial crisis, Southeast Asia was acclaimed as one of the most dynamic and rapidly growing regional economies in the Asia-Pacific sphere. Not surprisingly, the region has attracted enormous interest from social scientists and the wider business community in Australia. However, there is limited consensus about the causes for the region's economic performance and socio-political trajectory during the 'boom' and 'post-boom' years. This course aims to place the region's economic experiences and socio-political changes within a broader historical and comparative context. Such an approach allows us to better appreciate the economic continuities, understand the major socio-political dilemmas and changing patterns of development.

GOVT2221 Politics of International Economic Relts
Credit points: 6
Session: Semester 2
Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2
Prerequisites: 12 Junior credit points from Government Prohibitions: GOVT2201 Assessment: 1x2500wd essay (40%), 1x2hr exam (30%), 1x1000wd tutorial presentation (20%) and participation (10%)

This unit provides an overview of four major theoretical approaches to international political economy and how these apply to understanding the practice of international economic relations. These theories are: economic nationalism, liberalism, neo-Marxism and poststructuralism. The unit analyses the theory and practice of economic relations by and between states, by focussing in particular on relations between the developed and developing world. It applies each of the four main theories to developing country regions. In this way students also become acquainted with the theory and practice of economic development.

GOVT2225 International Security in 21st Century
Credit points: 6
Session: Semester 1
Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2
Prerequisites: 12 Junior credit points from Government Prohibitions: GOVT2205 Assessment: 1x2500wd essay (40%), 1x2hr in-class exam (40%) and tutorial participation (20%)

This unit introduces the theoretical foundations, essential concepts and central issues in the field of international security. It provides students with analytical tools to understand and participate in current debates concerning security and threats. The first part of the unit provides an introduction to the theoretical interpretations of international security. The second part discusses security phenomena, problems and strategies, including the coercive use of force, deterrence, guerrilla and counterinsurgency, nuclear stability, proliferation of weapons of mass destruction, crisis management, arms races and disarmament, security cooperation and security regimes. The discussion in this part includes a critical review of the dilemmas, strategies, and solutions in each of the issue areas.

GOVT2228 Environmental Politics
Credit points: 6
Session: Semester 2
Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2
Prerequisites: 12 Junior credit points from Government Prohibitions: GOVT2208 Assessment: 1x1000wd essay (20%), 1x2000wd essay (30%), 1x12hr exam (30%) and tutorial participation (20%)
Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.

Environmental issues pose increasingly difficult challenges to our societies. What is the nature of these challenges? Where have they come from? How have political institutions adapted to them, at the national and international levels? What further changes might be necessary to better meet them? How might these changes come about? What effects might they have on the future of politics? This unit of study will engage these kinds of questions as an introduction to some theoretical and practical dimensions of environmental politics.

GOVT2444 Europe in World Affairs
Credit points: 6
Session: Semester 2
Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2
Prerequisites: 12 Junior credit points from Government Prohibitions: GOVT2404 Assessment: 1x1hr mid-semester exam (20%), 1x1500wd essay (30%), 1x2hr final exam (40%) and tutorial participation (10%)
Note: This unit is available as a designated 'Advanced' unit for students enrolled in the BA (Advanced) degree program.

This unit examines 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 are used to examine these phenomena and these include perspectives that stress the role of the world economy, political institutions and social movements.

GOVT2445 American Politics and Foreign Policy
Credit points: 6
Session: Semester 2
Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week commencing week 2
Prerequisites: 12 Junior credit points from Government Prohibitions: GOVT2405 Assessment: 1x2000wd essay (40%), 10x30wd tutorial quizzes (10%), 1x12hr exam (40%) and tutorial participation (10%)

This unit will be an overview of the American political system and the formulation of foreign policy. It will cover the major Federal political institutions: the Presidency, the Congress, and the Supreme Court. The unit will consider how foreign policy is made through the interaction of these institutions and with other elements of civil society. Finally, it will examine the outcome of this process - US foreign policy itself - with special emphasis on the post-Cold War period. We will seek to
answer two key questions: (a) what is the influence of domestic politics on US foreign policy; and (b) how does the US system cope with the apparent contradictions between its ideals and the imperatives of global power?

GOVT2446 Reform, Revolution and Post Communism
Credit points: 6 Session: Semester 1 Classes: 2x1hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: 12 Junior credit points from Government Prohibitions: GOVT2406 Assessment: 1x2000wd essay (30%), 1x500wd tutorial assignment (10%), 1x2hr exam (50%) and tutorial participation (10%)

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

At the end of the 1980s the communist regimes of Europe collapsed, leading to the emergence of a number of newly-independent states. This development was unexpected, because the communist regimes had seemed to be so powerful and solidly established. This unit analyses why such regimes fell, and in particular why the attempts at reform of them failed. It then looks at the attempt to build a new post-communist future characterised by political democracy and a market economy. Specific attention is given to issues like the attempt to develop a post-communist identity, efforts to construct a new political system, economic reform and its consequences, organised crime and corruption, nationalism and legitimacy. The focus is principally upon Russia, but some attention is also given to other former communist states.

GOVT2552 Policy Analysis
Credit points: 6 Session: Semester 1 Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2 Prerequisites: 12 Junior credit points from Government Prohibitions: GOVT2502 Assessment: 1x2500wd eval case study (40%), 1x2hr exam (50%) and tutorial participation (10%)

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

This unit examines the nature of public policy and the processes which shape its content. Most of these processes operate across nation states, although they typically manifest themselves in nation-specific ways. First, the unit outlines the nature of public policy - dealing with such matters as definitions of policy and approaches to analysing public policy. These include the traditional 'policy cycle' approach, as well as alternative models based on rational choice, the roles of groups and networks, the nature of institutions and the power of socio-economic interests. Second, it examines the main building blocks of the policy process: actors, institutions, and policy instruments. Third, it examines key stages of the public policy process; notably problem definition, agenda setting, policy formation, decision making, implementation and evaluation. Examples are drawn from Australia and a range of countries throughout the world. Fourth, it examines policy-making in extreme, 'crisis' situations. Fifth, it turns its attention to Australian policy processes, focusing specifically on the areas of economic policy and indigenous affairs. Finally, it takes an overview of public policy processes in a global world, focusing on national policy-making autonomy in the context of globalisation, as well as challenges for the future. The unit is sufficiently flexible in terms of assessment, allowing students to concentrate on areas of interest.

GOVT2557 Public Sector Management and Governance
Credit points: 6 Session: Semester 1 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: 12 Junior credit points from Government Prohibitions: GOVT2507 Assessment: 1x2250wd essay (45%), 1x750wd tutorial presentation (15%) and tutorial participation (10%)

Factors such as global warming, the internet and consumerism are transforming the way in which the public sector is organised in Australia and other democracies. This unit develops a framework for understanding these changes and then uses this framework to study some of the key challenges that public sector managers face today in areas such as: coordination and partnership working; accountability and blame shifting; and how to engage stakeholders in decisions that affect them.

GOVT2603 Media Politics
Credit points: 6 Session: Semester 1 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: 12 Junior credit points in Government Assessment: 2000wd essays (2x45%) and 1x in-class quiz (10%)

This unit is primarily about news, its production, contents and impacts. It will examine the special demands of different news organisations and of reporting different news areas; the news media as an arena in political conflicts and the consequent interests and strategies of various groups in affecting news content; and the impacts of news on political processes and relationships. Our primary focus is on Australia, but there is some comparison with other affluent liberal democracies. The substantive areas the course will focus on include election reporting, scandals and the reporting of war and terrorism.

GOVT2611 Capitalism and Democracy in East Asia
Credit points: 6 Session: Semester 1 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: 12 Junior credit points from Government Prohibitions: GOVT2411 Assessment: 1x2000wd essay (40%), 3x reading quizzes (20%), 1x1hr mid-term exam (20%), tutorial debates (10%) and participation (10%)

This unit will shed light on the springs of change in politics and economics and their intersections in East Asia, which includes South Korea, Japan, Taiwan, China, Hong Kong, and Singapore. The unit examines the political and economic transformation in the region. Among the major issues considered are: Are East Asia's political institutions distinctive? How does economic change affect political power and the state? Will democratisation and globalisation undermine the distinctive traditions of the region?

GOVT2801 Applied International Studies
Credit points: 6 Session: Semester 2 Classes: 1x3hr seminar/week Prerequisites: Four core junior BIntS units of study (GOVT1105, GOVT1202, ECOP1001, ECOP1003) Assessment: 1x1500wd essay (30%), 1x1000wd essay (10%), 1x2000wd essay (35%) and tutorial participation (25%)

Note: This unit is only available to students enrolled in the Bachelor of International Studies

This senior core unit is designed to build on the junior core units of the Bachelor of International Studies and to develop a deeper level of knowledge of international politics and economics, and to apply this knowledge to real-life problems in diverse policy environments. The unit introduces students to the relationship between international law and international politics and economics, and the fields of international law that are directly relevant to the unit's simulation topics. Students will apply theory to practice by taking part in simulations on key global 'Issues of the Day'. These will focus on the environment, human rights and humanitarian intervention, terrorism and international security, trade and development. Participation in the simulations will require students to engage in economic and political policy-making; analysis of input and output issues such as state and organisational strategies; negotiations; and managing diverse international teams. Skills developed will include decision-making under conditions of uncertainty; information literacy; communication and decision-making in small and large groups; and the writing of press releases and briefing documents.

GOVT2802 International Studies Practicum
Credit points: 6 Session: Semester 2 Classes: This unit is taught online including 2hr/week online discussions Prerequisites: Four core junior BIntS units of study (GOVT1105, GOVT1202, ECOP1001, ECOP1003) Assessment: 5x short assessment tasks (40%), 1x4000wd essay (40%) and 1x1000wd report (20%)

Note: This unit is only available to students enrolled in the Bachelor of International Studies.
This senior core unit in the Bachelor of International Studies is designed to provide students with the opportunity to combine theoretical learning with hands-on experience in international studies. Students enrol in the unit in the second semester of their third year, while either studying abroad or engaged as an intern in a government or non-government organisation in Sydney, working on an internationally-focussed project. The unit is taught fully online, accessed via the Faculty’s Blackboard site. The aim of the content and assessment is to develop research and critical reflection skills, culminating in a major research paper.

**GOVT2901 Political Analysis**

**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2  
**Prerequisites:** 12 Junior credit points from Government at the level of Credit or better, or with the consent of the Honours Coordinator, Dr John Mikler  
**Assessment:** 1x2000wd essay (35%), 1x1500wd group project (30%), mid-semester test (25%) and tutorial participation (10%)  
**Note:** This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.

This unit assists students enrolled in the honours program to develop the conceptual and practical skills they need to excel in any area of substantial political inquiry. An overview of political inquiry is presented through an examination of the diversity in theoretical and methodological approaches used by those who carry out political research. This includes looking at, for example, institutional, behavioural, discourse and feminist approaches in political inquiry and the usage of quantitative and qualitative methods. The assessment is based around constructing research projects that can be utilised to answer current political questions.

**Textbooks**  
David Marsh and Gerry Stoker 'Theory and Methods in Political Science', 3rd edition

**GOVT3993 Power**

**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1x2hr lecture-seminar/week, 1x1hr lecture-seminar/week  
**Prerequisites:** 12 Senior credit points from Government and GOVT2991, each at the level of Credit or better, or with the consent of the Honours Coordinator, Dr John Mikler  
**Prohibitions:** GOVT3991  
**Assessment:** 1000wd essay (2x15%), 1x2500wd essay (50%), in-class and online participation (20%)  
**Note:** This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.

Power is the essential concept of political science, which is the systematic study of politics. Bertrand Russell, perhaps the greatest mind of the 20th Century, said power is the central concept of all the social sciences. Students explore this concept in different parts of political science and survey some debates on power, assessing the advantages and disadvantages of concepts of power. There are three themes in this unit. The first is the distribution of power in society. The second is power in comparative politics and the third is power in international relations. The emphasis is on the nature, sources and use of power.

**Textbooks**  
Unit Reader will be available at the University Copy Centre

**GOVT3994 Research Preparation**

**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 1x2hr seminar/week  
**Prerequisites:** 12 Senior credit points from Government and GOVT2991, each at the level of Credit or better, or with the consent of the Honours Coordinator, Dr John Mikler  
**Prohibitions:** GOVT3992  
**Assessment:** 1x1500wd thesis review (20%), 1x1500wd thesis comparison (20%), 1x3000wd thesis prospectus (60%)  
**Note:** This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.

This unit assists students to build towards a better fourth year honours dissertation. It considers the construction of a dissertation topic, planning the research, bibliographic searches, and writing the dissertation. The unit devotes a considerable amount of time to exercises designed to help students envisage their honours dissertation and plan fruitful lines of inquiry.

**GOVT1001 Government Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**GOVT1881 Government Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**GOVT1882 Government Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**GOVT2881 Government Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**GOVT2882 Government Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**GOVT2883 Government Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**GOVT2884 Government Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**GOVT2885 Government Exchange**

**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**GOVT4101 Government Honours A**

**Credit points:** 12  
**Session:** Semester 1, Semester 2  
**Classes:** two seminars that meet weekly for two hours each in Semester 1  
**Prerequisites:** Credit grades in two junior GOVT units, three senior GOVT units and GOVT2991 (GOVT2901), GOVT3993 (or GOVT3991) and GOVT3994 (or GOVT3992). Requirements for the Pass degree must be completed before entry to level 4000 honours units of study  
**Corequisites:** GOVT4101, GOVT4102, GOVT4103, GOVT4104  
**Assessment:** a thesis of 18000-20000 words and 6000 words of written work or its equivalent each seminar  
**Note:** Department permission required for enrolment.

The Honours program in Government and International Relations consists of:

1. a thesis written under the supervision of one member of academic staff  
2. two seminars that meet weekly for two hours each in Semester 1  
   The thesis should be of 18000-20000 words in length. Each seminar requires about 6000 words of written work, or its equivalent. The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%. The Department will decide which Seminars are available in 2011, with these potentially including the following: Australian Democracy in Comparative Perspective, The Life and Times of Authoritarian Rule, Power and Identity in International Relations, Population Politics, Environmental Politics, Comparative Political Culture, and Modern Political Thought. With the permission of the Honours Coordinator, it will also be possible to do one seminar through the Honours programs at UNSW or Macquarie University.
For more information, contact Dr John Mikler, Honours Coordinator or Prof Rodney Smith, Chair of Department

GOVT4102
Government Honours B
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: GOVT4101 refer to GOVT4101

GOVT4103
Government Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: GOVT4102 refer to GOVT4101

GOVT4104
Government Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: GOVT4103 refer to GOVT4101

Greek (Ancient)

GRKA1600
Introduction to Ancient Greek 1
Credit points: 6 Session: Semester 1 Classes: 3x1 hour lectures and 1x1 hour tutorial per week Prohibitions: GRKA1001, GRKA2611, GRKA2620 Assessment: weekly assignments (30%), weekly quizzes (30%) and 1x2 hour exam (40%)

This unit provides the essential linguistic foundation to the study of Greek literature, philosophy, culture, and history. It is meant for students with no previous acquaintance with ancient Greek. The unit is valuable for all students interested in all aspects of European history, archaeology, language, literature and philosophy.

Textbooks
Mastronarde D. Introduction to Attic Greek. University of California Press 1993

GRKA1601
Introduction to Ancient Greek 2
Credit points: 6 Session: Semester 2 Classes: 3x1 hour lectures and 1x1 hour seminar per week Prohibitions: GRKA1600 or GRKA1001 Prohibitions: GRKA1002, GRKA2612, GRKA2621 Assessment: weekly assignments (30%), weekly quizzes (30%) and 1x2 hour exam (40%)

This unit builds upon the linguistic foundations provided by GRKA1600. It offers further study of Greek grammar combined with the reading of Greek authors in the original.

Textbooks
Mastronarde D. Introduction to Attic Greek. University of California Press 1993

GRKA2600
Intermediate Greek 1
Credit points: 6 Session: Semester 1 Classes: 3x1 hour lectures per week Prequisites: HSC Greek or GRKA1601 or GRKA2621 or GRKA2612 or GRKA1002 Prohibitions: GRKA2603 Assessment: weekly assignments (50%) and 1x2 hour exam (50%)

This unit builds upon the linguistic foundations provided by GRKA1601 or GRKA2621. It completes the survey of Greek grammar and introduces students to the translation and detailed analysis of extended extracts from Classical authors.

GRKA2601
Intermediate Greek 2
Credit points: 6 Session: Semester 2 Classes: 3x1 hour lectures per week Prequisites: GRKA2600 or GRKA2603 Assessment: weekly assignments (50%) and 1x2 hour exam (50%)

This unit builds on acquired skills in the reading, translating and writing in Greek. The unit includes close reading of extended extracts from classics of Greek prose and poetry.

GRKA2620
Reading Greek 1
Credit points: 6 Session: Semester 1 Classes: 3x1 hour lectures and 1x1 hour tutorial per week Prohibitions: GRKA1600, GRKA1001, GRKA2611 Assessment: weekly assignments (30%), weekly quizzes (30%) and 1x2 hour exam (40%)

This unit is designed for senior students who wish to begin the study of ancient Greek. It provides the essential linguistic foundation to the study of Greek literature, philosophy, culture, and history. It is meant for students with no previous acquaintance with ancient Greek. The unit is valuable for all students interested in all aspects of European history, archaeology, language, literature and philosophy.

Textbooks
Mastronarde D. Introduction to Attic Greek. University of California Press 1993

GRKA2621
Reading Greek 2
Credit points: 6 Session: Semester 2 Classes: 3x1 hour lectures and 1x1 hour tutorial per week Prohibitions: GRKA1600 or GRKA2603 or GRKA2611 or GRKA2620 Prohibitions: GRKA1601, GRKA1002, GRKA2612 Assessment: weekly assignments (30%), weekly quizzes (30%) and 1x2 hour exam (40%)

This unit is designed for senior students who wish to continue the study of ancient Greek. It offers further study of Greek grammar combined with the reading of Greek authors in the original.

Textbooks
Mastronarde D. Introduction to Attic Greek. University of California Press 1993

GRKA3600
Advanced Greek
Credit points: 6 Session: Semester 1 Classes: 3x1 hour lectures per week Prequisites: GRKA2601 or equivalent Assessment: weekly assignments (50%) and weekly tests (50%)

This unit offers advanced study and practice in the literary language of ancient Greek. Particular emphasis will be given to the appreciation of Greek prose style through the analysis of Greek texts and through weekly exercises in Greek prose composition. Practice in unseen translation will hone the student's reading and comprehension skills in ancient Greek.

GRKA3602
Greek Epic
Credit points: 6 Session: Semester 2 Classes: 3x1 hour seminars per week Corequisites: GRKA2601 or equivalent Assessment: participation (10%), 1x2000 word essay (45%) and 1x2 hour exam (50%)

The Iliad, the Odyssey and the poems of Hesiod are the classics of the classics. This unit offers an introduction to the language, style and content of the Greek epics which served as the foundations of Greek cultural identity and are the primary textual sources for Bronze Age, Geometric and Archaic Greek language, religion, history and thought.

GRKA3604
Greek Philosophical Texts
Credit points: 6 Session: Semester 1 Classes: 3x1 hour seminars per week Corequisites: GRKA3600 or by permission of department Assessment: participation (10%), 1x2000 word essay (45%) and 1x2 hour exam (45%)

This unit offers a close reading in the original Greek of select classics of Greek philosophy with particular attention of the genres of philosophical expression and the linguistic, cultural and ideological background to Greek philosophical thought.

Textbooks

GRKA3606
Classics of Greek Literature
Credit points: 6 Session: Semester 2 Classes: 3x1 hour lectures per week Corequisites: 18 GRKA credit points at 3000 level Assessment: 1x2000 word essay (40%), 1x2 hour exam (50%) and participation (10%)

In this unit we undertake advanced study of select genres of Greek literature, such as choral lyric, epinician, mime and the novel. It is
intended for students with a firm command of Greek literary language and close familiarity with two or more other poetic or prose genres. Topics will be announced before the end of Semester 2 of the previous year.

GRKA2804
Greek (Ancient) Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

GRKA2805
Greek (Ancient) Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

GRKA4011
Greek Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: two seminars, each seminar meeting for 3 hours per week for one semester Prerequisites: Credit average in 42 senior credit points of Greek including two of GRKA3603, 3604, 3605, 3606 plus 6 additional senior credit points of Greek, Latin or Ancient History. Assessment: a thesis of 15,000 words, 6,000 words of written work or its equivalent for each seminar and one exam
Note: Department permission required for enrolment.

The Honours program in Greek (Ancient) consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for three hours for one semester
3. one unseen exam on a Greek text.
The thesis should be of 15,000 words in length. Each seminar requires 6,000 words of written work or it equivalent.
The thesis is worth 45% of the final Honours mark, each of the seminars is worth 22.5% and the unseen exam is worth 10%.
The following seminars are on offer in 2011:
Greek Epic (Prof Eric Csapo)
Greek Philosophical Texts (Assoc Prof Rick Benitez)
For more information, contact Dr Alastair Blanshard, Honours coordinator.

GRKA4012
Greek Honours B
Credit points: 12 Session: Semester 1, Semester 2 Prerequisites: Refer to GRKA4011 Corequisites: GRKA4011 Assessment: Refer to GRKA4011
Refer to GRKA4011

GRKA4013
Greek Honours C
Credit points: 12 Session: Semester 1, Semester 2 Prerequisites: Refer to GRKA4011 Corequisites: GRKA4012 Assessment: Refer to GRKA4011
Refer to GRKA4011

GRKA4014
Greek Honours D
Credit points: 12 Session: Semester 1, Semester 2 Prerequisites: Refer to GRKA4011 Corequisites: GRKA4013 Assessment: Refer to GRKA4011
Refer to GRKA4011

Hebrew (Classical)
HBRW1111
Hebrew Classical B1
Credit points: 6 Session: Semester 1 Classes: 4x1-hr seminars/week Prerequisites: HBRW1311, HBRW2631 Assessment: 1x2hr 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 used in the Biblical texts. The unit is devoted to the study of the grammar and the principles of translation.
Textbooks
Contact the department

HBRW1112
Hebrew Classical B2
Credit points: 6 Session: Semester 2 Classes: 4x1-hr seminars/week Prerequisites: HBRW1111 Prohibitions: HBRW1312, HBRW2632 Assessment: 1x2hr exam (50%), continuous assessment (40%), class participation (10%)
This unit continues the study of grammar and classical Hebrew (Biblical) texts, as follows: grammar (2 hours per week), classical text (2 hours per week).
Textbooks
Contact the department
Selections from the Hebrew Bible (T'nach) for reading

HBRW2623
Hebrew Classical 3
Credit points: 6 Session: Semester 1 Classes: 4x1-hr seminars/week Prerequisites: HBRW1112 or HBRW2402 or HBRW2632 or HSC Hebrew or equivalent Prohibitions: HBRW2115 Assessment: 2x2hr exams (60%), continuous assessment and class preparation (20%), 1x1500wd essay (20%)
Note: This unit is available as a designated ‘Advanced’ unit for students who are already enrolled in the BA (Advanced) degree program.
The books of the Hebrew Bible are studied in the light of their setting and their literary and linguistic features. The course consists of: set classical texts (2 hours per week); and special background area study: Mishnaic Hebrew (2 hours per week).
Textbooks
Contact the department

HBRW2624
Hebrew Classical 4
Credit points: 6 Session: Semester 2 Classes: 4x1-hr seminars/week Prerequisites: HBRW1112 or HBRW2402 or HBRW2632 or HSC Hebrew or equivalent Prohibitions: HBRW2116 Assessment: 2x2hr exams (60%), continuous assessment and class preparation (20%), 1x1500wd essay (20%)
Note: This unit is available as a designated ‘Advanced’ unit for students who are already enrolled in the BA (Advanced) degree program.
The books of the Hebrew Bible are studied in the light of their setting and their literary and linguistic features. The course consists of: set classical texts (2 hours per week) and special background area study: Dead Sea Scrolls Hebrew (2 hours per week).

HBRW2631
Hebrew Accelerated C1
Credit points: 6 Session: Semester 1 Classes: 4x1-hr seminars/week Prerequisites: 18 Junior credit points including 12 credit points in a subject area from the School of Archaeology, Classics and Ancient History or from the Department of Hebrew, Biblical and Jewish Studies or from the Department of Arabic and Islamic Studies Corequisites: 6 senior credit points in a subject area from the School of Archaeology, Classics and Ancient History or from the Department of Hebrew, Biblical and Jewish Studies or from the Department of Arabic and Islamic Studies. Prohibitions: HBRW1111, HBRW1112, HBRW2401 Assessment: 1x2hr exam (50%), continuous assessment (40%), class participation (10%)
An introduction to Hebrew language for those whose existing corequisite units of study require a basic language ability. It is taught concurrently with the existing Hebrew B-stream.

HBRW2632
Hebrew Accelerated C2
Credit points: 6 Session: Semester 2 Classes: 4x1-hr seminars/week Prerequisites: HBRW2401 or HBRW2631 Prohibitions: HBRW1112, HBRW2402 Assessment: 1x2hr exam (50%), continuous assessment (40%) and class participation (10%)
This unit brings students to a level necessary for the study of Hebrew at an advanced level. It forms a bridge between Hebrew Accelerated C1 and other senior Hebrew units.
HBRW2651
Syriac 1
Credit points: 6 Session: Semester 1 Classes: 2x1hr seminars/week
Prerequisites: HBRW2911 or HBRW2651 or HBRW2912 or HBRW2652
Prohibitions: HBRW2911 Assessment: 1x2hr exam (40%), weekly assignments, exercises and class participation (40%)
Note: Department permission required for enrolment.

For those beginning the study of Syriac this is a preparation for more advanced study of Syriac language and literature. It concentrates on the study of elementary Syriac grammar, prose composition and an introductory study of selections of texts from the Old and New Testament Peshitta.

Textbooks

HBRW2652
Syriac 2
Credit points: 6 Session: Semester 2 Classes: 2x1hr seminars/week
Prerequisites: HBRW2911 or HBRW2651 or HBRW2912
Prohibitions: HBRW2912 Assessment: 1x2hr exam (60%), weekly assignments, exercises and class participation (40%)
Note: Department permission required for enrolment.

This unit builds on the foundation of Syriac 1. It concentrates on the study of advanced Syriac prose composition and selections of texts from the Old and New Testament Peshitta.

HBRW3653
Syriac 3
Credit points: 6 Session: Semester 1 Classes: 2x1-hr seminars/week
Prerequisites: HBRW2912 or HBRW2652 or HBRW3911 or HBRW2912
Prohibitions: HBRW3911 Assessment: 1x2hr exam (50%), 1x2500wd essay (30%), continuous assessment (20%)
Note: Department permission required for enrolment.

This unit continues the study of Syriac texts begun in Syriac 1 and 2. This unit concentrates on the study of selections of advanced Syriac Peshitta, Patristic texts, etc.

HBRW3654
Syriac 4
Credit points: 6 Session: Semester 2 Classes: 2x1-hr seminars/week
Prerequisites: HBRW3911 or HBRW3653 or HBRW3912
Prohibitions: HBRW3912 Assessment: 1x2hr exam (50%), 1x2500wd essay (30%), continuous assessment (20%)
Note: Department permission required for enrolment.

This unit builds on the foundation of Syriac 3. This unit concentrates on the study of more advanced Syriac Patristic and Hagiographical texts, etc., as well as a brief survey of the history of Syriac literature.

HBRW2801
Hebrew (Classical) In-Country Study A
Credit points: 6 Session: Semester 1, Semester 2 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a “Satisfied Requirements” result at the University of Sydney.
Note: Department permission required for enrolment.

For students studying in an approved course at an overseas tertiary level institution.

HBRW2802
Hebrew (Classical) In-Country Study B
Credit points: 6 Session: Semester 1, Semester 2 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a “Satisfied Requirements” result at the University of Sydney.
Note: Department permission required for enrolment.

For students studying in an approved course at an overseas tertiary level institution.

HBRW4011
Hebrew (Classical) Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: two seminars in semester 1 and one seminar in semester 2, each two hours per week
Prerequisites: 48 senior credit points consisting of: (HBRW2113 or HBRW2623) and (HBRW2114 or HBRW2624) and (HBRW2115 or HBRW2625) and (HBRW2116 or HBRW2626); and 24 credit points from the department of Hebrew, Biblical and Jewish Studies. Assessment: a thesis of 15000 words in length and 5000 words of written work or its equivalent for each seminar
Note: Department permission required for enrolment.

The Honours program in Classical Hebrew consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. two seminars in semester 1 and one seminar in semester 2, each two hours per week
The thesis should be of 15000 words in length. Each seminar requires 5000 words of written work or its equivalent.
The thesis is worth 40% of the final Honours mark and each of the seminars is worth 20%.
The following seminars are on offer in 2011:
Biblical Themes (Dr Ari Lobel)
Biblical Texts in Hebrew I (Prof Alan Crown)
Biblical Texts in Hebrew II (Assoc Prof Ian Young)
For more information, contact Assoc Prof Ian Young, Honours coordinator.

HBRW4012
Hebrew (Classical) Honours B
Credit points: 12 Session: Semester 1, Semester 2 Enrol to HBRW4011

HBRW4013
Hebrew (Classical) Honours C
Credit points: 12 Session: Semester 1, Semester 2 Enrol to HBRW4011

HBRW4014
Hebrew (Classical) Honours D
Credit points: 12 Session: Semester 1, Semester 2 Enrol to HBRW4011

HBRW1011
Hebrew Modern B1
Credit points: 6 Session: Semester 1 Classes: 4x1-hr seminars/week Assessment: 1x2hr mid-semester exam (30%), 1x2hr final exam (35%), continuous assessment and class preparation (equivalent to 2500wds) (35%)

This unit provides an introduction to Modern Hebrew. It is intended for students who have little or no previous knowledge and practice of the language. The unit fosters the development of oral communication skills relating to everyday topics. It includes learning the Hebrew alphabet and basic reading and writing skills as well as the introduction of basic vocabulary and language functions. It is imperative that all prospective students contact the coordinator to arrange for a placement test upon enrolment.

Textbooks

HBRW1101, Hebrew Alphabet Booklet 2011, University of Sydney Copy Centre

HBRW1102
Hebrew Modern B2
Credit points: 6 Session: Semester 2 Classes: 4x1-hr seminars/week
Prerequisites: HBRW1011 Prohibitions: HBRW1302 Assessment: 1x2hr mid-semester exam (30%), 1x2hr final exam (35%), continuous assessment and class preparation (equivalent to 2500wds) (35%)

This unit is an extension of the work done in HBRW1011 (B1). It further develops the language skills acquired in B1. This unit involves a range
of learning styles that assist you to further develop and consolidate your listening, speaking, reading and writing skills.

Textbooks

HBRW2603
Hebrew Modern 3
Credit points: 6 Session: Semester 1 Classes: 4x1-hr seminars/week
Prerequisites: HBRW1102 Prohibitions: HBRW2103 Assessment: 1x2hr mid-semester exam (30%), 1x2hr final exam (35%), continuous assessment and class preparation (equivalent to 2500wds) (35%)

This unit is an extension of the work done in HBRW1102. It consists of an intensive study of spoken Modern Hebrew with emphasis on communicative skills that 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 are used to explain grammatical structures, morphology and syntax and to provide examples in their use.

Textbooks

HBRW2604
Hebrew Modern 4
Credit points: 6 Session: Semester 2 Classes: 4x1-hr seminars/week
Prerequisites: HBRW2603 Prohibitions: HBRW2104 Assessment: 1x2hr mid-semester exam (30%), 1x2hr final exam (35%), continuous assessment and class preparation (equivalent to 2500wds) (35%)

This unit is an extension of the work done in HBRW2603. It uses a communicative approach to language learning. Students’ active participation through teamwork, role-playing and other interactive techniques is an essential aspect of all classes. It is expected that by the end of this unit students will be able to take part in simple everyday Hebrew conversation.

Textbooks

HBRW2605
Hebrew Modern 5
Credit points: 6 Session: Semester 1 Classes: 4x1-hr seminars/week
Prerequisites: HBRW2604 Prohibitions: HBRW2105 Assessment: 1x2hr mid-semester exam (30%), 1x2hr final exam (35%), continuous assessment and class preparation (equivalent to 2500wds) (35%)

This unit picks up from HBRW2604. It covers language skills and knowledge of Level Beit. In addition to consolidating and further developing spoken communication and writing skills, this unit introduces the student to a variety of Modern Hebrew texts such as poems, songs, short stories and newspaper articles as well as some Classical Hebrew texts.

Textbooks

HBRW2606
Hebrew Modern 6
Credit points: 6 Session: Semester 2 Classes: 4x1-hr seminars/week
Prerequisites: HBRW2605 Prohibitions: HBRW2106 Assessment: 1x2hr mid-semester exam (30%), 1x2hr final exam (35%), continuous assessment and class preparation (equivalent to 1500wds) (35%)

This unit is an extension of the work done in HBRW2605. By the end of the unit, students will be able to converse confidently in everyday Hebrew. As well, this unit is designed to enable students who wish to continue learning Modern Hebrew to make the transition into HBRW2607 and HBRW2608.

Textbooks

HBRW2607
Hebrew Modern 7
Credit points: 6 Session: Semester 2 Classes: 4x1-hr seminars/week
Prerequisites: HBRW2106 or HBRW2606 or Modern Hebrew HSC Prohibitions: HBRW1301 Assessment: 1x2hr mid-semester exam (30%), 1x2hr final exam (30%), oral presentations (equivalent to 1000wds) (10%), continuous assessment and class preparation (equivalent to 2000wds) (30%)

This unit picks up from HBRW2606. Students further develop their speaking fluency while improving their grammar and usage. The ability to read a variety of Modern Hebrew texts, including newspaper articles, short stories, poems and other literary texts, which reflect socio-cultural issues from the 19th century to the present time, is further developed. Special significance is attached to this unit. Upon its completion, students are eligible to be considered for admission to regular studies at the Hebrew University.

Textbooks

HBRW2608
Hebrew Modern 8
Credit points: 6 Session: Semester 2 Classes: 4x1-hr seminars/week
Prerequisites: HBRW1301 or HBRW2607 Prohibitions: HBRW1302 Assessment: 1x2hr mid-semester exam (30%), 1x2hr final exam (30%), oral presentations (equivalent to 1000wds) (10%), continuous assessment and class preparation (equivalent to 2000wds) (30%)

This unit is an extension of HBRW2607. Students will further improve their communicative skills while consolidating their grammatical knowledge. Special significance is attached to this unit. Upon its completion, students are eligible to be considered for admission to regular studies at the Hebrew University.

Textbooks

HBRW2609
Hebrew Modern 9
Credit points: 6 Session: Semester 1 Classes: 4x1-hr seminars/week
Prerequisites: HBRW1302 or HBRW2608 Prohibitions: HBRW2303 Assessment: 1x2hr mid-semester exam (20%), 1x2hr final exam (25%), 1x750wd essay (20%), continuous assessment and class preparation (equivalent to 2000wds) (35%)

This unit picks up from HBRW2608. It is an intensive language-learning program covering Level Dalet. It is based both on communicative (speaking, listening) and writing (reading, writing) skills. Through using the Hebrew language in a range of contexts, students further extend and develop their communicative skills. As well, they are introduced to contemporary texts that reflect socio-cultural issues of Israeli society over the last two centuries.

Textbooks
Amir, E. Tarnegol Kaparot, Gesher series, Jerusalem.
The Honours program in Modern Hebrew consists of:

1. a thesis written under the supervision of one or more members of academic staff
2. two seminars in semester 1 and one seminar in semester 2, meeting weekly for 2 hours each

The thesis should be of 12000 words in length if written in Hebrew or 15000 words in length if written in English. Each seminar requires 5000 words of written work or its equivalent.

This is worth 40% of the final Honours mark and each of the seminars is worth 20%.

Seminars will be offered from the following list in 2011:

- 'Language in use' as reflected in MH Discourse
- The Representation of Major Historical Events in Modern Hebrew
- Discourse
- The Representation of the Human Landscape of Jerusalem

For more information, contact Yona Gilead, Honours coordinator.

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**HBRW2611 Hebrew Modern 11**

**Credit points:** 6

**Session:** Semester 1, Semester 2

**Classes:** 4x1-hr seminars/week

**Prerequisites:** HBRW2610

**Prohibitions:** HBRW2305

**Assessment:** 1x2hr mid-semester exam (20%), 1x2hr final exam (25%), 1x1000wd essay (20%), continuous assessment and class preparation (equivalent to 2000wds) (35%)

This unit is an extension of HBRW2610 and it covers Level Hey. Through using the Hebrew language in a range of contexts, students will have the opportunity to fine-tune their knowledge and usage of the language. As well, they will further extend and develop their understanding of the way in which various functions of the language come together. In addition, they will read and analyse contemporary literature and poetry, which reflect socio-cultural issues of Israeli society.

**Textbooks**

Shahar, D. Al haHalomot (Concerning Dreams), Gesher series

**Ad, Tel Aviv**

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**HBRW2612 Hebrew Modern 12**

**Credit points:** 6

**Session:** Semester 2

**Classes:** 4x1-hr seminars/week

**Prerequisites:** HBRW2610 or HBRW2611 or equivalent knowledge as determined by the department

**Prohibitions:** HBRW2306

**Assessment:** 1x2hr mid-semester exam (20%), 1x2hr final exam (25%), 1x1000wd essay (20%), continuous assessment and class preparation (equivalent to 2000wds) (35%)

This unit is an extension of HBRW2611. It offers an opportunity for in-depth examination of the linguistic functions of Modern Hebrew as they are manifested in literature and poetry. Through using the Hebrew language in a range of contexts, students will further extend and develop their understanding of the way in which various patterns of the language come together. As well, they will be introduced to contemporary texts, which reflect socio-cultural issues of Israeli society.

**Textbooks**

Oz, A. Ha'aretz ha'aretz. Gesher series

**Ad, Tel Aviv**

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**HBRW4021 Hebrew (Modern) Honours A**

**Credit points:** 12

**Session:** Semester 1, Semester 2

**Classes:** Two seminars in semester 1 and one seminar in semester 2, meeting weekly for 2 hours each

**Prerequisites:** Credit or better at 36 credit points of Modern Hebrew from among HBRW2609 to HBRW2612

**Assessment:** A thesis of 12000 words (in Hebrew) or 15000 words (in English) and 5000 words of written work or its equivalent for each seminar

**Note:** Department permission required for enrolment.

The Honours program in Modern Hebrew consists of:
HRTG2805
Heritage Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

HRTG2806
Heritage Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

HRTG2809
Heritage Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

HRTG2810
Heritage Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

History

HSTY1025
The Middle Ages
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Assessment: 8x150wd tutorial exercises (25%), 1x1800wd essay (25%), tutorial participation (10%), 1x1500wd exam (40%).

The Middle Ages were actually a beginning, the birth and early growth of Europe's influential civilisation, shaping social institutions in ways that still resonate today. From key moments in the lives of medieval men and women, we explore the Christianisation of England; rise of Islam and its impact on the Mediterranean; Vikings, Normans and Crusade; evolution of feudal relations; growth of towns and universities; creation of epic, romance and chivalry; and the deadly threat of inquisition and plague.

HSTY1031
Renaissance and Reformation (1498-1648)
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Assessment: 1x2500wd essay (50%), 1x2hr exam (40%) and participation (10%).

Starting with the brilliant culture of Renaissance Italy, with its courts, despots, republics, couriers, diplomats, with its humanists, artists and their patrons, the course will then move to the religious, political, social and cultural revolution known as the Reformation, with its great theologians, preachers and writers like Luther, Calvin, More and Montaigne. Throughout the semester, attention will be paid to both "high" and popular culture. The course will conclude with an examination of how these forces were played out in the English Revolution. Attention will also be given to Europe's 'discovery' and conquest of the New World.

HSTY1044
Twentieth Century Europe
Credit points: 6 Session: Semester 2, Summer Late Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prohibitions: HSTY1043 Assessment: 1x2500wd research essay (50%), 1x2hr exam (40%) and tutorial participation (10%)

This unit surveys Europe's twentieth century, examining the First World War, the Russian Revolution, fascism, the cultural ferment of the interwar years, the Second World War and the Holocaust, European empires and decolonization, Cold War culture and politics, and European unification. The transformations of the twentieth century took place in many different spheres of human existence, and this unit introduces students to some of the varieties of history and the diverse ways historians approach the past.

HSTY1045
Modern European History 1750-1914
Credit points: 6 Session: Semester 1 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Assessment: 1x1000wd short essay (20%), 1x2000wd long essay (40%), 1x1hr exam (30%) and participation (10%)

This unit covers the dramatic changes in European life that marked the transition from pre-modern to modern societies. We will see that these changes emancipated many Europeans from legal and physical burdens while creating many new ones of their own. The catastrophes of the twentieth century have their roots in the period we examine, a period that culminated in the First World War and the spectacular explosion of the ideals of material and moral progress that had animated bourgeois elites. In particular, we discuss the transformations that took place in the key areas of human activity: politics and ideology; family life; work and technology; religious belief; colonialism; social class.

HSTY1076
American History from Lincoln to Clinton
Credit points: 6 Session: Semester 1 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prohibitions: HSTY2035 Assessment: 1x500wd tutorial paper (15%), 1x1750wd essay (40%), 1x2500wd group tutorial presentation (5%), 1x2hr exam (30%) and tutorial participation (10%)

This unit examines the United States in the years in which Americans felt their society, culture, politics, and individual and national identities, were taking new, 'modern' forms. It offers insights into a nation that is one of the principal forces shaping the world in which we live. We will explore topics such as the rise and fall of racial segregation, immigration, social reform movements, mass consumer culture, sexual revolution, and the changing stance of the United States in the world.

HSTY1089
Australia: Colonies to Nation
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Assessment: 1x2000wd research essay (40%), 1x2hr exam (40%), 1x500wd tutorial paper (10%) and tutorial participation (10%)

Was Australia the peacefully settled 'quiet continent'? First, this unit examines convict society, frontier conflict, the impact of gold, the emergence of cosmopolitan cities and the campaigns for responsible government. Second, it maps the creation of a nation state in the period after 1880, involving constitutional and political changes, the creation of foundation stories, the impact of war, and changing relations between settler and Indigenous Australians. Finally, we chart the nation's cultural, political and economic transformation into a modern, (and post colonial) society after 1945.

HSTY2304
Imperialism, 1815-2000
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 12 Junior credit points of History, Ancient History or Asian Studies Assessment: 1x2000wd essay (40%), 1x1000wd source exercise (20%), 1x2hr exam (30%) and participation (10%)

Empire is one of the key topics in human history, and we continue to live with the consequences of Europe's imperial age. This unit will examine imperialism, resistance to foreign rule, and decolonization from 1815 to the present. It will look at particular cases of expansion (especially the French and British examples), and examine the theories used to understand imperialism. Among specific themes that will be covered are the ideologies of empire and culture, gender, race, the environment, and imperialism and nationalism.

HSTY2601
Religion & Society: Conversion & Culture
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 12 Junior credit points of History, Ancient History, or Asian Studies Prohibitions: HSTY2001 Assessment: 1x2500wd take-home exam (40%), 1x2250wd essay (50%), 1x2hr exam (30%) and tutorial participation (10%)

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, Islam and Chinese Buddhism. 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.

HSTY2607 Approaches to the Arab Israeli Conflict
Credit points: 6 Session: Semester 1, Winter Main Classes: 1x2 hour lecture and 1x1 hour tutorial per week. Prerequisites: 12 Junior credit points in History, Ancient History, Arabic and Islamic Studies, or Hebrew, Biblical and Jewish Studies. Prohibitions: JCTC2008, GOVT2772 Assessment: 1x3500 word essay (50%), 1x1 hour exam (40%) and tutorial participation (10%)

This unit of study will provide students with a grounding in the historical context of and reasons for conflict in Israel/Palestine. It will enable them to identify the causes of conflict and attempted avenues for peace, as well as making them aware of the politicised nature of much of the scholarship on the region. The unit commences in the Ottoman period and traces the rival of aspirations of Zionism and Palestinian nationalism, as well as the geopolitical dimensions of the conflict. The unit will enable students to gain detachment from the dominant narratives about the issues so they are equipped to form their own judgements.

HSTY2619 Living in Colonial Australia
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week. Prerequisites: 12 Junior credit points of History, Ancient History, Economic History or Asian History and Culture. Prohibitions: HSTY2019 Assessment: 1x3000wd essay (60%), 1x1500wd take-home exam (30%) and class participation (10%)

If “the past is a foreign country”, how did people live in colonial Australia? Taking a fresh perspective on Australia’s history by focusing on everyday life, we question our assumptions that Australia was settled by people not that different from ourselves. Considering the economic, social and cultural impact of colonization and exploring the contested aims of diverse groups within this emerging society, we will discover why colonial Australia was stranger and more fascinating than you ever imagined.

HSTY2627 Living Memory: Popular Uses of the Past
Credit points: 6 Session: Semester 1, Winter Main Classes: 2x1 hour lectures and 1x1 hour tutorial per week. Prerequisites: 12 Junior credit points of History, Ancient History, or Asian Studies. Assessment: 2x1500wd word tutorial papers (60%), 1x1.5 hour exam (30%) and tutorial participation (10%)

This unit considers the ways the past is understood in popular culture. Often beyond the influence of trained historians, the present has used (and abused) the past in film and literature, Anzac commemoration, the heritage industry, tourism, memories of immigration or teenage angst, rose-coloured childhoods, political strategies of nostalgia and amnesia. Students will explore the relationship between history and memory, examine private and public commemoration and, making use of living memory, try out some oral history.

HSTY2629 Sex and Scandal
Credit points: 6 Session: Semester 2, Summer Main Classes: 2x1 hour lectures and 1x1 hour tutorial per week. Prerequisites: 12 Junior credit points of History, Ancient History, or Asian Studies. Prohibitions: HSTY2029 Assessment: 1x2500 word essay (50%) and 1x2000 word take-home exam (35%), participation (15%)

What makes a scandal? This unit examines a number of sensational case studies from England, America and Australia, beginning with the outrage surrounding Marie-Antoinette and then weaving through the increasingly strait-laced nineteenth century, in which scandals abounded, destroying reputations, rulers and families. It was not behaviour itself, but the ever-changing interpretations of behaviour that gave rise to condemnation and scandalised indignation. Examining occasions when social rules have been flouted allows us to consider the ways in which such rules are themselves constituted, maintained and challenged.

HSTY2634 Columbus to Lincoln: America Before 1865
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week. Prerequisites: 12 Junior credit points of History, Ancient History, or Asian Studies. Prohibitions: HSTY2034 Assessment: 1x1500wd essay plan and annotated bibliography (5%), 1x2000wd essay (40%), 1x2000wd take-home exam (40%) and tutorial participation including submission of weekly questions (15%)

This unit surveys almost four centuries of American history, from its early Native American origins to the Civil War. We will look at European colonization and settlement, the slave trade and the American Revolution - an event that promised liberty and equality for all, even while delivering it to so few. We will then explore westward expansion, early industrialization and dramatic changes in gender, race and class relations, concluding with the divisions that caused the cataclysmic American Civil War.

HSTY2640 Twentieth Century China
Credit points: 6 Session: Semester 1 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week. Prerequisites: 12 Junior credit points of History, Ancient History, Economic History or Asian History and Culture. Prohibitions: HSTY3071, HSTY3072 Assessment: 1x1750wd essay (35%), 1x2250wd essay (35%), 1x individual or group oral presentation (equivalent to 500wds) (15%), tutorial participation (15%)

In the 1920s, China was likened to a sleeping lion - one whose roar would shake the world when it awoke. This prediction has already proved true more than once. Why was China ever said to be "asleep"? How did a whole nation awaken, to what, and with what results? This unit of study traces the forces of nationalism and revolution through China’s tumultuous twentieth century. We focus upon making sense, in Chinese terms, of events that outsiders have found baffling.

HSTY2659 Nationalism
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week. Prerequisites: 12 Junior credit points of History, Ancient History, Economic History or Asian History and Culture. Prohibitions: HSTY2059 Assessment: 1x500wd oral tutorial presentation (10%), tutorial participation (10%), 1x2750wd essay (40%), 1x1hr exam (40%)

Nationalism is surely one of the most potent forces in the modern era. It has generated wars and shaped identities, forged common bonds and torn populations apart. When and how did nationalism first appear? How should we understand this peculiarly modern phenomenon? After looking at the way scholars have understood nationalism, we delve into nineteenth- and twentieth-century case studies, considering along the way how literature, art and popular culture have been crucial vehicles for furthering nationalist sentiment.

HSTY2660 Violence in Italy
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week. Prerequisites: 12 Junior credit points of History, Ancient History, or Economic History. Prohibitions: HSTY2060 Assessment: 1x2000wd essay (35%), 1x1500wd journal (25%), 1x2000wd take-home exam (30%), tutorial participation (10%)

Violence is a feature of all human societies in every era. This unit examines the cultural significance of violence in Italy, from the Ancient Roman amphitheatre to the language of twentieth-century Fascist violence and post-war Italy's confrontation with left and right-wing terrorism, the 'years of lead', and Italy's continuing struggle with the Mafia. Themes include violence in Medieval, Renaissance and Early-Modern urban culture, gender and sexuality, crime and punishment in the Enlightenment, and Romantic representations of violence in the nineteenth century.
Communicating Culture in the Middle Ages
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 12 Junior credit points of History, Ancient History or Asian Studies Assessment: HSTY2064 Assessment: 1x1000wd tutorial paper (20%), 1x2000wd essay (40%), 1x1500wd exam (30%), tutorial participation (10%) This is a unit about people and cultures. Women and men, merchants and monks, Christians and Jews all formed the cultures, classes and statuses which constituted late medieval European society. The study themes of this unit focus on the means by which ideas, cultures and expectations were constructed and transmitted, and include topics such as healthcare, civic life, the body, gender and sexuality, religious beliefs and practices, otherness, death, political theory, art and architecture, travel.

New York, New York
Credit points: 6 Session: Semester 1, Summer Late Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prerequisites: 12 Junior credit points of History, Ancient History, or Asian Studies Assessment: 2x1500wd essays (60%), 1x1500wd take-home exam (30%) and tutorial participation (10%) New York, New York is the city so great they named it twice. This unit explores the history and representation of New York City, from its beginnings as a Dutch settlement down to 9/11, using the archetypal modern metropolis as a window on American history. We look at the people, images and events that defined the city, including such icons as the Five Points, Central Park, Harlem, the Empire State Building, Yankee Stadium and the Brooklyn Bridge.

Britain and the World: C.1837-1914
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prerequisites: 12 Junior credit points of History, Ancient History or Asian Studies Assessment: 1x1000wd draft essay (20%), 1x2000wd final essay (40%), 1x1000wd take home exam (30%) and tutorial participation (10%) This unit explores the political, social and cultural significance of Britain's foreign engagements c.1837-1914, including war (e.g. Crimean War, Afghan Wars, Maori Wars, Boer War), 'gunboat diplomacy' (e.g. the Royal Navy in the Pacific) and colonial rule (especially India, Ireland and Australia). Special emphasis will be given to the role these engagements played in fostering or challenging the development of Britain's identity among a wide range of men and women, both in Britain and the wider world.

Lived Experience in Modern China
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prerequisites: 12 credit points of Junior History, Ancient History, or Asian Studies Assessment: 1x2250wd essay (35%) and 1x individual or group oral presentation (15%) Said Mao Zedong in 1926, "The soldier fights, the bandit robs, the industrial worker (perhaps a child aged seven) toiled, and the peasant

Food, Environment and Culture in Europe
Credit points: 6 Session: Semester 1 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prerequisites: 12 Junior credit points of History, Ancient History, or Asian Studies Assessment: 1x1000wd short essay (30%), 1x2500wd research essay (50%), 2x250wd tutorial assignments (10%), tutorial participation (10%) Does environment determine culture, or vice versa? This unit explores the connections between the natural world and human society in premodern Europe (ca 1200-1800), and investigates how food served as the crucial link between the two. From individual to international, we will trace the meanings that nourishment carried. Topics will include landscape and agriculture; embodiment, medicine and health; feasts and famines; colonization and 'globalization'; taste, delicacies and aesthetics; and the challenges and implications of early industrialization.

Alliance: Australia-USA Relations
Credit points: 6 Session: Semester 1 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prerequisites: 12 Junior credit points of History, Ancient History, or Asian Studies Assessment: 1x1000wd Historiography assessment (20%), 1x2000wd essay (40%), 1x1.5hr exam (30%), tutorial participation (10%) This unit examines the history of Australian-American relations from the early twentieth century to today. Topics covered include the respective US and Australian approaches to the world, defence cooperation, the creation of ANZUS, Vietnam, recognition of China and approaches to the alliance from Whittam to Howard. Among other questions, the unit asks whether the relationship has been one of simple subservience, or whether politicians and policymakers have tried to use the alliance to further Australia's own national interests.

Australia's Underworld: Stories & Method
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 12 Junior credit points of History, Ancient History, or Asian Studies Assessment: 1x2500wd essay proposal (10%), 1x4000wd research essay (80%), participation (10%) This unit explores Australia's forgotten stories: the cross-dressers and prostitutes, crooks and impostors, maverick reformers, entertainers and oddballs who find little place in the 'national story', but whose lives are stitched into the fabric of our past. How do historians frame this new research project as its major task, the unit will equip you to discover new stories for yourself.

1945 and the gradual unravelling of this British myth in the post-war period. Among other issues, the unit explores the end of 'White Australia', the rise of multiculturalism, engagement with Asia, Aboriginal reconciliation and republicanism.

Portraits of Medieval Women
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prerequisites: 12 Junior credit points of History, Ancient History or Asian Studies Assessment: 1x1000wd tutorial paper (20%), 1x2000wd essay (40%), 1x1500wd exam (30%), tutorial participation (10%) Prostitutes, nuns, saints, mothers, mystics, alewives, pilgrims - the lives of medieval women in the 12th-15th centuries were rich and varied. Their experience and contributions to their medieval worlds come alive through insights into such broad categories such as family and marriage, intellectual and spiritual life, as well as through focused case studies. Students in this unit engage with the lives of medieval women through an array of textual and iconographic portraits as well as through a splendid scholarly literature.

Australia, Politics and Nation
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prerequisites: 12 Junior credit points of History, Ancient History, Economic History or Asian History and Culture Assessment: 1x2500wd essay (40%), 1x1000wd historiography assessment (20%), 1x1-hr exam (30%) and tutorial participation (10%) This unit examines the intersection between political culture and nationalism in Australia, with particular attention to the question of when (and if?) Australia became an 'independent' nation. It examines the content and character of British race patriotism in Australia before

Lived Experience in Modern China
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prerequisites: 12 credit points of Junior History, Ancient History, or Asian Studies Assessment: 1x2250wd essay (35%) and 1x individual or group oral presentation (15%) Said Mao Zedong in 1926, "The soldier fights, the bandit robs, the thief steals, the beggar begs, and the prostitute seduces." The industrial worker (perhaps a child aged seven) toiled, and the peasant grew crops but went hungry. What do we know of the lives of such people? Exactly what changed over the ensuing decades? This unit of study offers a social history of subaltern life in twentieth-century China, from the 1911 revolution until recent times.
HSTY2691
Writing History
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 12 Junior credit points of History, Ancient History, or Asian Studies Prohibitions: HSTY2901, ANHS2691 Assessment: 1x1400wd book or journal review (30%), 1x1000wd reflective essay (30%), 1x800wd diary (5%), 1x3000wd diary (25%), tutorial participation (10%)

How do we write history? How and why do our approaches to events, lives, and ideas differ from those taken by historians in the past? What is the relationship between historical scholarship and society? To answer these questions, we will examine History’s history, social theories (e.g. Marxism, feminism, structuralism, post-structuralism), various historical methods, and processes of historical research and publication. Far from dry discussion, this lively unit focuses on debates that fire up historians, past and present.

HSTY2692
International and Diplomatic History
Credit points: 6 Session: Semester 1 Classes: 2x1 hour lectures and 1x1 hour tutorial per week Prerequisites: 12 credit points of Junior History, Ancient History or Asian Studies Assessment: 1x700 word document assignment (20%), 1x2300 word essay (40%), 1x1.5 hour exam (40%)

This unit surveys the history of internationalist thinking and the practice of diplomacy since the seventeenth century; varieties of internationalism in the nineteenth and twentieth centuries; and the historical development of international institutions. It offers students an understanding of the latest scholarship on international and diplomatic history and the chance to investigate the international past for themselves through the use of primary sources.

HSTY1801
History Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

HSTY1802
History Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

HSTY2805
History Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

HSTY2806
History Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

HSTY2809
History Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

HSTY2810
History Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

HSTY2811
History Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

HSTY4011
History Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: 2x2-hr seminars/week in Semester 1 Prerequisites: 48 senior credit points of History or Arts units of study Prohibitions: HSTY4011 Corequisites: Refer to HSTY4011 Assessment: one 1200wd diary assignment (10%), one 1000wd reflective essay (10%), one 2000wd research paper (40%), one seminar presentation (10%), one 1000wd tutorial portfolio (20%), one 1000wd book review (20%)

The Honours program in History consists of:
1. a thesis under the supervision of one or more members of academic staff
2. two seminars that meet weekly for two hours for one semester.

The thesis should be of 18,000-20,000 words in length. Each seminar requires 6,000-8,000 words of written work or its equivalent.

The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.

Honours seminars are only offered in Semester 1. Students must begin their program in the March semester and mid-year entry to History Honours is not permitted.

The following seminars are on offer in 2011:
Beyond Orientalism (Prof Helen Dunstan)
Victorian Culture (Dr Frances Clarke)
Southern Crossings (Dr Kirsten McKenzie)
History in Tourism, Tourism in History (Mr Richard White)
Ways of Seeing the Italian Renaissance (Dr John Gagné)
Monuments (Prof Robert Aldrich)
Worlds of Medieval Women (Dr Julie Smith)
Place and Meaning in the Past (Dr Lyn Olson)
Science, Race and History (Prof Warwick Anderson)
Writing Global Histories (Prof Alison Bashford)

KOCR2600
Indigenous Australia: An Introduction
Credit points: 6 Session: Semester 1, Semester 2 Classes: (2 x 1hr lec & 1 x 1hr tut/week Prerequisites: 18 Junior credit points Prohibitions: KOCR2100 Assessment: one 2000wd essay (40%); one tutorial presentation (10%); one 1000wd tutorial paper (25%); 2 x critical reviews (30%)

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

KOCR2602
Issues in Indigenous Rights
Credit points: 6 Session: Semester 2 Classes: 1 x 1hr lec and 1 x 2hr tut Prerequisites: KOCR2100 or KOCR2600 Prohibitions: KOCR2102 Assessment: seminar (30%) seminar paper (20%), essay (50%)
In the second half of the 20th Century Aboriginal and Torres Strait Islander peoples began to culturally and politically recover from the effects of colonisation and assimilation. Having had fundamental human rights severely limited by state and federal legislation, and having experienced years of disempowerment, disfravishment and social disruption, Indigenous peoples have sought to reclaim independent social and political power. This unit of study explores national and international developments in this history, addressing issues of political and social representation and, examining contemporary analyses of Indigenous rights to self-determination in legal, political and community spheres.

**KOCR2603 Indigenous Health and Communities**

**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 1 x 1hr lec and 1 x 2hr tut  
**Prerequisites:** KOCR2010 or KOCR2600  
**Assessment:** tutorial presentation (20%), critical review (30%), essay (50%)

The continuing poor health status of Indigenous people is well documented. However, attempts at improving Aboriginal health have often been met with inappropriate policy and practice. The challenge in improving Aboriginal health lies partly in improving the knowledge of non-Indigenous Australians of the historical, cultural and current issues which impact on health. This unit of study will provide opportunities for meaningful contact with Indigenous Australians as a foundation for building partnerships with Indigenous people to improve Aboriginal health.

**KOCR2604 Colours of Identity: Indigenous Bodies**

**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1 x 2hr lec and 1 x 2hr tut per wk  
**Prerequisites:** 18 junior credit points  
**Corequisites:** KOCR2100 or KOCR2600  
**Assessment:** presentation and paper (30%), essay (40%), exam (30%)

This unit of study explores the history and formation of Indigenous Australian identity. Combining contemporary theoretical and historical approaches we will explore the ways in which Indigenous Australians were constructed by colonial discourses. We will identify and critically analyse sites of power and processes of cultural dissemination and transmission and consider how such identities were racialised, gendered and subordinated. We will explore the arena of cultural politics and investigate the ways in which Indigenous agency has manifested, for example, through innovative critical perspectives, political activism and withholding labour, and through creative re-presentations in a variety of media, in film, documentary, photography and prose.

**KOCR2605 Speaking Gamilaraay 1**

**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1 x 3hr seminar/wk  
**Assessment:** Homework sheets (35%), Oral performance (45%), Essay (20%)

Gamilaraay is an Indigenous Australian language from the mid-northwest of NSW that is currently undergoing revitalisation. This unit of study will provide students with a basic competence in speaking, understanding, reading and writing Gamilaraay sufficient to recognise and construct simple utterances in the language, and to understand its relationships with other languages. Classes will take the form of three-hour intensive oral workshops that progressively develop each student's abilities in the language. Assessment will be by short written assignments based on lesson content and an appraisal of individual oral/aural performance together with a short essay on Gamilaraay culture or a related topic.

**KOCR2607 Indigenous Creative Expression**

**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1 x 3hr seminar/wk  
**Prerequisites:** 18 junior credit points  
**Assessment:** essay (40%), seminar presentation (25%) and creative exhibit (35%)

This unit of study aims to give students the opportunity to critically engage with a variety of artistic and creative practices undertaken by Indigenous Australians. It's envisaged that students will be encouraged to critically examine and understand the role of Indigenous performance/theatre, writing, dance, film, visual arts and music in Indigenous Australian cultural maintenance.

**KOCR2609 Indigenous Political Movements**

**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 1 x 2hr lecture/week and 1 x 1hr tutorial/week  
**Prerequisites:** KOCR2600 and KOCR2602  
**Assessment:** presentation (20%), short essay (30%), research essay (40%), participation (10%)

While indigenous populations throughout the world vary greatly, the commonality between populations is generally, but not always, their experience of imperialism and colonisation. This unit introduces students to the political movements of indigenous 'nations' within the Pacific Rim. The 20th century movements of Aboriginal and Torres Strait Islander people will be examined in the broader context of political resistance movements of indigenous people of New Zealand, the Americas and Pacific island nations and the growth of indigenous movements globally.

**KOCR2610 Indigenous Community Development**

**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1 x 1hr lecture/week and 1 x 2hr seminar/week  
**Prerequisites:** KOCR2600 and KOCR2603  
**Assessment:** participation (10%), presentation (20%), essay (30%), field task (40%)

This unit of study examines how community development approaches can influence health and wellbeing outcomes for Indigenous peoples. Students will examine past approaches, current trends and theories underpinning community development. Students will reflect on their role in working with Aboriginal communities to develop processes that build capacity in health delivery and support Indigenous self determination. This unit also considers the nature of ethical research practice within an Indigenous community setting.

**KOCR2611 Issues in Indigenous History**

**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 1 x 2hr lecture/week and 1 x 1hrs tutorial/week  
**Prerequisites:** 12 credit points junior history  
**Corequisites:** KOCR2600  
**Assessment:** participation (10%), review (30%), essay (60%)

Indigenous History in Australia. You will examine how Indigenous responses to colonialism have been variously interpreted; explore Indigenous perspectives on the writing and representation of Indigenous History in historiography, documentary and feature film and literature; and examine the legacy of the past in the present. The unit also considers questions of historical evidence, the uses of evidence and the different ways of presenting history.

**KOCR3602 Race, Racism and Indigenous Australia**

**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 2 x 1hr lecture/week and 1 x 1hr tutorial/week  
**Prerequisites:** KOCR2600  
**Assessment:** presentation (35%), resource (30%), case study (35%)

This unit explores theories of race and racism focussing on Indigenous Australian race relations. Opportunity is provided to understand the development of Racism as an impact on individuals - victim and perpetrator; and systemic systems at local, national and international levels. The unit explores what racism means in the social justice agenda through issues such as: equity and anti-racism; in particular the direct impact of racism as a tool in the creation of social and economic disadvantage in Australian Indigenous communities.

**KOCR3607 Reawakening Australian Languages**

**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 1 x 2hrs seminars per week, Fieldwork excursion  
**Prerequisites:** KOCR2600  
**Assessment:** presentation and paper (20%), essay (40%), field report (40%)

Australia holds an unenviable record for its loss of Indigenous languages and actively pursues a de facto policy of English monolingualism. This unit examines how Indigenous communities are resisting this trend and reviving so-called extinct languages through...
examining the roles of language policy and planning, community activism, language centres, education, technology and the linguistic processes involved. Lecture and seminar content is supplemented by a fieldwork excursion (at additional cost) to a regional language centre and associated school programs.

Indonesian Studies

INMS1101

**Indonesian 1A**

**Credit points:** 6 Session: Semester 1 Classes: 2x1-hr lectures/week, 1x2-hr tutorial/week **Prerequisites:** INMS1101, HSC Indonesian or Malay, HSC Continuers, or Extension Indonesian or Beginners Indonesian with 75% or above **Assessment:** 10 weekly language exercises (equivalent to 1000wd) (20%), 2 oral assessments (equivalent to 1500wd) (30%), 1 research assignment (equivalent to 1000wd) (20%), 2x in-class tests (equivalent to 1000wd) (30%)

First year Indonesian is designed to give beginning students a solid basis from which to continue Indonesian Studies at higher levels. It combines 3 hours per week of intensive Indonesian language instruction and private language study with a series of English-language lectures that introduces students to Indonesian culture and society.

**Textbooks**
Materials may be purchased from the University Copy Centre

INMS1102

**Indonesian 1B**

**Credit points:** 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x2-hr tutorial/week **Prerequisites:** INMS1101 or HSC Continuers or Extension Indonesian or HSC Beginners Indonesian 75% and above **Assessment:** 10 weekly language exercises (equivalent to 1000wd) (20%), 2 oral assessments (equivalent to 1500wd) (30%), 1 research assignment (equivalent to 1000wd) (20%), 2x in-class tests (equivalent to 1000wd) (30%)

Indonesian 1B is designed to further build students’ understanding of the language in preparation for the study of Indonesian at higher levels. It combines 3 hours per week of intensive Indonesian language instruction and private language study with a series of English-language lectures that extends students’ knowledge of Indonesian culture and society.

**Textbooks**
Materials may be purchased from the University Copy Centre.

INMS2601

**Indonesian 2A**

**Credit points:** 6 Session: Semester 1 Classes: 2x1-hr lectures/week, 1x2-hr tutorial/week **Prerequisites:** INMS1102 or HSC Continuers or Extension Indonesian or HSC Beginners Indonesian 75% and above **Prohibitions:** 8 credit point units of study numbered INMS2101 or above **Assessment:** 10 weekly language exercises (equivalent to 1000wd) (20%), 2 oral assessments (equivalent to 1500wd) (30%), 1 research assignment (equivalent to 1000wd) (20%), 2x in-class tests (equivalent to 1000wd) (30%)

This unit emphasises practice in the spoken form of standard Indonesian, along with development of reading and writing skills. Reading of texts related to modern Indonesian society will develop students’ understanding of the social and cultural contexts in which Indonesian is used.

**Textbooks**
Materials may be purchased from the University Copy Centre

INMS2602

**Indonesian 2B**

**Credit points:** 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x2-hr tutorial/week **Prerequisites:** INMS2101 or INMS2601 **Prohibitions:** 8 credit point units of study numbered INMS2102 or above **Assessment:** 10 weekly language exercises (equivalent to 1000wd) (20%), 2 oral assessments (equivalent to 1500wd) (30%), 1 research assignment (equivalent to 1000wd) (20%), 2x in-class tests (equivalent to 1000wd) (30%)

This unit consolidates and develops the skills acquired in INMS2601, and is designed to prepare students for advanced study of Indonesian. Students will study important social issues and the language required to discuss, read and write about them as well as learning to understand and speak colloquial Indonesian.

**Textbooks**
Materials may be purchased from the University Copy Centre

INMS3601

**Indonesian 3A**

**Credit points:** 6 Session: Semester 1 Classes: 2x1-hr lectures/week, 1x2-hr tutorial/week **Prerequisites:** INMS2102 or INMS2602 **Prohibitions:** 8 credit point units of study numbered INMS3101 or above **Assessment:** 10 weekly language exercises (equivalent to 1000wd) (20%), 2 oral assessments (equivalent to 1500wd) (30%), 1 research assignment (equivalent to 1000wd) (20%), 2x in-class tests (equivalent to 1000wd) (30%)

Indonesian 3A is designed to extend students’ knowledge and understanding of Indonesian language and culture. It combines intensive Indonesian language instruction with a series of Indonesian-language lectures that extends students’ knowledge of Indonesian culture and society.

**Textbooks**
Materials may be purchased from the University Copy Centre

INMS3602

**Indonesian 3B**

**Credit points:** 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x2-hr tutorial/week **Prerequisites:** INMS2101 or INMS2601 **Prohibitions:** 8 credit point units of study numbered INMS3102 or above **Assessment:** 10 weekly language exercises (equivalent to 1000wd) (20%), 2 oral assessments (equivalent to 1500wd) (30%), 1 research assignment (equivalent to 1000wd) (20%), 2x in-class tests (equivalent to 1000wd) (30%)

Indonesian 3B further extends students’ knowledge and understanding of Indonesian language and culture. It combines intensive Indonesian language instruction with a series of Indonesian-language lectures that extends students’ knowledge of Indonesian culture and society.

**Textbooks**
Materials may be purchased from the University Copy Centre

INMS3605

**Autonomy and Human Rights in Indonesia**

**Credit points:** 6 Session: Semester 1 Classes: 1x1-hr lecture/week, 1x2-hr seminar/week **Prerequisites:** INMS3102 or INMS3602 **Assessment:** 10 weekly assessment tasks (equivalent to 2000wds) (40%), 2x15 minute oral assessments (equivalent to 1000wds) (20%) and 1x2000wd essay and portfolio (40%)

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

This unit is designed for native speakers, near native speakers and advanced learners of Indonesian. It is one of six advanced units offered on a rotating basis, which can be taken in any order. Drawing on English and Indonesian language academic publications and other Indonesian-language resources, students will engage in research, writing and scholarly discussion on Indonesia’s human rights record and the impact of regional autonomy on Indonesia’s ability to accommodate its citizens’ civil, political, social, cultural and economic rights.

**Textbooks**
Materials may be purchased from the University Copy Centre

INMS3606

**Enculturating the Indonesian Nation**

**Credit points:** 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 1x2-hr seminar/week **Prerequisites:** INMS3102 or INMS3602 **Assessment:** 10 weekly tasks (equivalent to 1000wd) (20%), 1 research presentation (equivalent to 1500wd) (30%), 1 x essay portfolio (equivalent to 500wd) (10%), 1 x research essay (equivalent to 1500wd) (40%)

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

This unit is designed for native speakers, near native speakers and advanced learners of Indonesian. It is one of six advanced units offered on a rotating basis, which can be taken in any order. Drawing on English and Indonesian language academic publications and other Indonesian-language resources, students will engage in research,
Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

**INMS2652**
Indonesian In-Country Study C
Credit points: 6 Session: Semester 1, Semester 2 Classes: As prescribed by the host institution Prerequisites: INMS1102 or INMS2101 or INMS2601 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a “Satisfied Requirements” result at the University of Sydney.

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

**INMS2653**
Indonesian In-Country Study D
Credit points: 6 Session: Semester 1, Semester 2 Classes: As prescribed by the host institution Prerequisites: INMS1102 or INMS2101 or INMS2601 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a “Satisfied Requirements” result at the University of Sydney.

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

**INMS2654**
Indonesian In-Country Study E
Credit points: 6 Session: Semester 1, Semester 2 Classes: As prescribed by the host institution Prerequisites: INMS1102 or INMS2101 or INMS2601 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a “Satisfied Requirements” result at the University of Sydney.

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

**INMS2655**
Indonesian In-Country Study F
Credit points: 6 Session: Semester 1, Semester 2 Classes: As prescribed by the host institution Prerequisites: INMS1102 or INMS2101 or INMS2601 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a “Satisfied Requirements” result at the University of Sydney.

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

**INMS2650**
Indonesian In-Country Study A
Credit points: 6 Session: Semester 1, Semester 2 Classes: As prescribed by the host institution Prerequisites: INMS1102 or INMS2101 or INMS2601 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a “Satisfied Requirements” result at the University of Sydney.

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

**INMS2651**
Indonesian In-Country Study B
Credit points: 6 Session: Semester 1, Semester 2 Classes: As prescribed by the host institution Prerequisites: INMS1102 or INMS2101 or INMS2601 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a “Satisfied Requirements” result at the University of Sydney.

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

**INMS3608**
Indonesia in Search of Modernity
Credit points: 6 Session: Semester 1, Semester 2 Classes: 1x1-hr lecture week, 1x2-hr seminar/week Prerequisites: INMS3102 or INMS3602 Assessment: 16 weekly tasks (equivalent to 1000wd) (20%) 1x research presentation (equivalent to 1500wd) (30%) 1x essay portfolio (equivalent to 500wd) (20%)

This unit is designed for native speakers, near native speakers and advanced learners of Indonesian. It is one of six advanced units offered on a rotating basis, which can be taken in any order. Drawing on English and Indonesian language academic publications and other Indonesian-language resources, students will engage in research, writing and scholarly discussion in Indonesian on economic and governance challenges Indonesia faces, in particular corruption and other forms of criminality, and their implications for ordinary Indonesians.

**INMS3102 or INMS3602**
Indonesia: The Challenges of Development
Credit points: 6 Session: Semester 1, Semester 2 Classes: 1x1-hr lecture week, 1x2-hr seminar/week Prerequisites: INMS3102 or INMS3602 Assessment: 16 weekly tasks (equivalent to 1000wd) (20%) 1x research presentation (equivalent to 1500wd) (30%) 1x essay portfolio (equivalent to 500wd) (20%)

This unit is designed for native speakers, near native speakers and advanced learners of Indonesian. It is one of six advanced units offered on a rotating basis, which can be taken in any order. Drawing on English and Indonesian language academic publications and other Indonesian-language resources, students will engage in research, writing and scholarly discussion in Indonesian on the disruption of Indonesians’ traditional relationships with their natural and social environment by urbanisation, globalisation and rapid technological transformation.

**INMS3607**
Indonesian In-Country Study F
Credit points: 6 Prerequisites: INMS3102 or INMS3602

Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

**INMS3102 or INMS3602**
Indonesian In-Country Study D
Credit points: 6 Prerequisites: INMS3102 or INMS3602

Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

**INMS3600**
Indonesian In-Country Study C
Credit points: 6 Prerequisites: INMS3102 or INMS3602

Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

**INMS3102 or INMS3602**
Indonesian In-Country Study A
Credit points: 6 Prerequisites: INMS3102 or INMS3602

Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

**INMS3102 or INMS3602**
Indonesian In-Country Study B
Credit points: 6 Prerequisites: INMS3102 or INMS3602

Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

**Textbooks**
Materials may be purchased from the University Copy Centre

**Arts units of study**
Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a “Satisfied Requirements” result at the University of Sydney.

Note: Department permission required for enrolment.

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

INMS2656
Indonesian In-Country Study G
Credit points: 6 Session: Semester 1, Semester 2 Classes: As prescribed by the host institution Prerequisites: INMS1102 or INMS2101 or INMS2601 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a “Satisfied Requirements” result at the University of Sydney.

Note: Department permission required for enrolment.

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

INMS2657
Indonesian In-Country Study H
Credit points: 6 Session: Semester 1, Semester 2 Classes: As prescribed by the host institution Prerequisites: INMS1102 or INMS2101 or INMS2601 Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a “Satisfied Requirements” result at the University of Sydney.

Note: Department permission required for enrolment.

Students enrolled in this unit will complete an approved program of study at a tertiary institution in Indonesia, normally through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Students can earn 6 credit points for every three semester credits (sks) successfully completed at an Indonesian tertiary institution, to a maximum of 24 credit points in any one semester. Credit may also be awarded pro rata when a student has successfully completed a summer (or equivalent) in-country Indonesian-language program. Intending students must consult the Indonesian Studies Coordinator prior to undertaking any in-country program for which credit will be sought.

INMS2808
Indonesian Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

INMS4011
Indonesian and Malay Studies Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: Two seminars, each seminar meets weekly for 3 hours for one semester Prerequisites: A major in Indonesian Studies with a Credit average or better, or departmental permission. Assessment: A thesis of 18000-20000 words and 6000-8000 words of written work or its equivalent for each seminar.

Note: Department permission required for enrolment.

The Honours program in Indonesian Studies consists of:
1. a thesis, written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for three hours for one semester (one of which must be the Indonesian Research Seminar, offered in Semester 1).

The thesis should be of 18-20,000 words in length. Each seminar requires 6000-8000 words of written work or its equivalent.

The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.

The following seminar is on offer in 2011: Indonesian Research Seminar (Dr Michele Ford)

Students will be allocated a suitable second unit of study by their supervisor in consultation with the Honours coordinator.

For more information, contact Dr Michele Ford, Honours coordinator.

INMS4012
Indonesian and Malay Studies Honours B
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: INMS4011 Refer to INMS4011

INMS4013
Indonesian and Malay Studies Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: INMS4012 Refer to INMS4011

INMS4014
Indonesian and Malay Studies Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: INMS4013 Refer to INMS4011

International and Comparative Literary Studies

ICLS2621
Love in Different Languages
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week, 1x1-hr tutorial/week Prerequisites: At least 18 junior credit points from any department in the Faculty of Arts from Table A, of which 12 credit points are from one subject Assessment: 1x1000wd class presentation (10%), 2x2500wd essays (90%)

What is the meaning of “love”? Is it the same for different individuals and cultures at different periods? How does it relate to the profound crisis of meaning in contemporary society? What is its relationship to desire, language and death? Why do the Greeks have three words for love and the English one? This unit of study explores the theme of love in a variety of national literatures including English, Greek, French and Italian.

ICLS2624
Great Books 1: The Human Condition
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 18 Junior credit points from any department in the Faculty of Arts from Table A, of which 12 credit points are from one subject Prohibitions: ICLS2625 Assessment: 1x5 minute oral presentation with one
What are the great spiritual and philosophical works of world literature? How have they come to be so regarded? What is it that has made them so enduring and adaptable? What is their relevance to a postmodern society? This unit introduces, in English and from a contemporary perspective, some of the literary cornerstones of reflection on the human condition and seeks to reveal and understand some of their continuing power.

ICLS2637
Watching Stars: Film and the Star System
Credit points: 6  Session: Semester 2  Classes: 1x1-hr lecture/week, 1x1-hr tutorial/week  Prerequisites: 18 Part A junior credit points of which 12 must be taken in the same subject  Assessment: 1xoral presentation (20%), 2x2500wd essays (80%)

This unit will investigate how film stars reflect national preoccupations and how they achieve national and transnational fame. It will examine and compare several major film stars from several cultures and will analyse their star image through, for example, their on-screen performance in film adaptations, their celebrity bodies and faces and their representations in the popular media. Students will be introduced to film star theories. Students will have to attend at least 4 film screenings.

ICLS3631
What is Literature? Crosscultural Views
Credit points: 6  Session: Semester 2  Classes: 1x1-hr lecture/week, 1x1-hr tutorial/week  Prerequisites: 18 Part A junior credit points of which 12 must be taken in the same subject  Assessment: 1xoral presentation (10%), 2x2500wd essays (90%)

Adopting a comparative cross-cultural approach, this unit considers different cultures' responses to the questions: what is literature? what is its purpose? and what value does it have? Drawing upon literatures from different cultures, this unit explores conceptions of literary theory, criticism and interpretation within traditional, modern and postmodern settings. Notions such as authorship, textual integrity, theory, criticism and interpretation will be considered.

ICLS2801
Int Comparative Literary Studies Exch
Credit points: 6  Session: Semester 1, Semester 2  Note: Department permission required for enrolment.

ICLS2802
Int Comparative Literary Studies Exch
Credit points: 6  Session: Semester 1, Semester 2  Note: Department permission required for enrolment.

ICLS2803
Int Comparative Literary Studies Exch
Credit points: 6  Session: Semester 1, Semester 2  Note: Department permission required for enrolment.

ICLS2804
Int Comparative Literary Studies Exch
Credit points: 6  Session: Semester 1, Semester 2  Note: Department permission required for enrolment.

ICLS4011
Int Comparative Literary Studies Honours A
Credit points: 12  Session: Semester 1, Semester 2  Classes: 3 semester-length seminars of 2 hours per week per seminar  Prerequisites: Credit average in 48 senior credit points of ICLS, of which at least 36 senior credit points should be from ICLS units including exchange units, and 12 may be from cross-listed units from the School of Languages and Cultures or the Department of English. A reading knowledge of one language other than English is also required. Students not meeting these criteria may apply for special permission from the Director of ICLS. Special transitional entry arrangements will be made for students undertaking Honours in 2010.  Assessment: A thesis of 12000-15000 words and 6000 words of written work or its equivalent for each seminar.  Note: Department permission required for enrolment.

The Honours program in International Comparative Literary Studies consists of:
1. a thesis written under the supervision of two members of the ICLS academic staff
2. three seminars that meet weekly for two hours for one semester.

The thesis should be of 12000-15000 words in length. Each seminar requires 6000 words of written work or its equivalent.

The thesis is worth 50% of the final Honours mark and each of the seminars is worth 16.66%.

Honours students will take the following core ICLS seminars in 2011:
1. Comparative Studies and Literary Debates (Semester 2)

A third seminar is to be chosen from a list of literature and culture seminars offered within the School of Languages and Cultures. Contact the ICLS Program Director for details. Special permission may be sought to enrol in a third seminar not on this list but offered within the Faculty of Arts and relevant to the student's thesis topic.

For more information, contact Dr Bronwyn Winter, Director of ICLS and Honours coordinator.

ICLS4012
Int Comparative Literary Studies Honours B
Credit points: 12  Session: Semester 1, Semester 2  Corequisites: ICLS4011
Refer to ICLS4011

ICLS4013
Int Comparative Literary Studies Honours C
Credit points: 12  Session: Semester 1, Semester 2  Corequisites: ICLS4012
Refer to ICLS4011

ICLS4014
Int Comparative Literary Studies Honours D
Credit points: 12  Session: Semester 1, Semester 2  Corequisites: ICLS4013
Refer to ICLS4011

International and Global Studies

INGS1001
Power and Money in Global Society
Credit points: 6  Session: Semester 1  Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2  Assessment: 1x600wd assignment (15%), 1x400wd tutorial presentation (10%), 1x1700wd essay (35%) and 1x1.5hr exam (40%)  Note: This unit is available only to students in the Bachelor of International and Global Studies

Making sense of a rapidly-changing economic and political world is a challenging agenda. This unit introduces a range of approaches to understand global economic and political integration and shifting power. In particular, the unit focuses on how the roles of nation states, international organizations and globalizing markets are changing, and the way conflicts that arise with these changes are being and might be addressed.

Textbooks
Unit reader available at the University Copy Centre

INGS1002
Global Culture and Society
Credit points: 6  Session: Semester 2  Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2  Prohibitions: GBST1001  Assessment: 1x1500wd essay (30%) and 1x2500wd essay (60%) and 1x500wd tutorial presentation (10%)  Note: this unit is available only to students in the Bachelor of International and Global Studies

This inter-disciplinary unit will develop students' understanding of themes in and approaches to Global Studies. It will introduce students to conceptual frameworks of 'the global' and identify the core
perspectives used by anthropology and sociology to analyse issues such as: the emergence of global economic, political, cultural and social processes; population movements; national, international, and global identities; diasporas and diasporic cultures; colonialism, post-colonialism and self-determination movements; discourses of international law, human rights and cosmopolitanism, appreciating the politics of the intercultural.

Textbooks

unit reader available at the University Copy Centre

INGS2601

Transnational Spaces and Networks

Credit points: 6 Session: Semester 1 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prerequisites: INGS1001 and INGS1002 or permission from Bachelor of International and Global Studies Director. Assessment: 1xportfolio assignment (including personal reading journal, annotated bibliography, press extracts and analytical report) (equivalent to 3000wd) (70%), 1xgroup oral presentation and plan (equivalent to 1200wd) (20%), 1xmid-semester peer review exercise (10%)

Note: This unit is available only to student in the Bachelor of International and Global Studies

How are "areas" or "regions" constituted and defined, geopolitically, culturally, economically, linguistically? What key supranational and transnational factors shape global, regional and local identities and public spaces and the ways they communicate? This second year core unit of the Bachelor of International and Global Studies will address key issues and theoretical approaches in transnational, area and diaspora studies and in global communications. It is jointly taught by the School of Languages and Cultures and the Department of Media and Communications.

INGS3601

Current Global Issues

Credit points: 6 Session: Semester 1 Classes: 1x1hr lecture/week, 12x1hr or 6x2hr tutorials/week Prerequisites: INGS1001 and INGS1002 and INGS2601 Corequisites: may be completed concurrently with INGS2601 with approval of Director Assessment: 1x1500wd essay (25%) and 1x1500wd group assignment (25%) and 1x3000wd essay based on contribution to group assignment (50%)

Note: not available to students outside BIGS

This "capstone" unit in International and Global Studies focuses on case studies of contemporary problems (e.g. wars, natural disasters, economic and diplomatic crises). Groups of students will track particular cases to analyse interactions between social, cultural, political and economic institutions (including governments, and agencies, the United Nations and others) and informal networks at the domestic, regional and international levels. In doing so, they will acquire high-level competency in theories, ethics, and methodologies informing interdisciplinary, team-based assessments of global issues.

Italian Studies

ITLN1611

Introductory Italian 1

Credit points: 6 Session: Semester 1 Classes: 4x1-hr seminars/week Prohibitions: ITLN1101, ITLN1201, ITLN1301, ITLN1621, ITLN1631 Assessment: class participation (10%), written assignments (equivalent to 1000wd) (10%), 1x1000wd class test (20%), aural/oral tests (equivalent to 500wd) (25%), 1x2hr final exam (35%)

Note: A student who is qualified to enter a higher level course may not enrol in a lower level course. Students who have taken Beginners HSC Italian proceed to ITLN2611; students who have taken Continuers and / or Extension HSC Italian proceed to ITLN2631. Students who have any formal training or previous knowledge of Italian from other sources are required to identify themselves to the department as soon as possible.

This unit of study is for absolute beginners with no previous knowledge of the language. It introduces students to the main structures of the Italian language and the basic vocabulary to communicate successfully in everyday situations. All four language skills are developed, with a particular focus on grammatical accuracy. Students are strongly advised to also take ITLN1613.

Textbooks

Gruppo Italianaidea, Italian Espresso 1, Alma, 2006

Recommended reference books:

De Rôme, Soluzioni! A Practical Guide to Italian Grammar (Arnold)
Adorni and Primorac, English Grammar for Students of Italian (Olivia and Hill)
Recommended dictionaries:

Collins Italian Concise Dictionary (Collins)
Collins Sansoni Italian Dictionary (Collins)

ITLN1612

Introductory Italian 2

Credit points: 6 Session: Semester 2 Classes: 4x1-hr seminars/week Prohibitions: ITLN1611 or ITLN1101 Assessment: ITLN1102, ITLN1632 Assessment: class participation (10%), written assignments (equivalent to 1000wd) (10%), 1x1000wd class test (25%), aural/oral tests (equivalent to 500wd) (25%), 1x2hr final exam (35%)

This unit builds on the competence acquired in ITLN1611. Students are introduced to more complex grammatical structures, extend their vocabulary and ability to communicate in everyday situations, and further develop their reading ability through a range of different texts.

Textbooks

Gruppo Italianaidea, Italian Espresso 1, Alma, 2006

Course reader available from University Copy Centre

Recommended reference books:

De Rôme, Soluzioni! A Practical Guide to Italian Grammar (Arnold)

ITLN1613

Introduction to Modern Italian Culture

Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week, 1x2hr tutorial/week Prohibitions: ITLN1612 Assessment: class participation (10%), 1x2000wd essay (35%), 1xclass test (equivalent to 1500wd) (30%), 1xpresentation (equivalent to 1000wd) (25%)

This Unit will present a variety of twentieth-century Italian texts (short stories, novels, films) and the cultural, social and political developments which constitute their context, from the end of the Second World War up to the 1990s. Students will be encouraged to develop a critical understanding of the selected texts, and a sound knowledge of and sensitivity towards the major issues which have contributed to the identity of contemporary Italy.

ITLN2611

Intermediate Italian 3

Credit points: 6 Session: Semester 1 Classes: 3x1-hr seminar/week Prerequisites: ITLN1612, ITLN1102 or HSC Italian Beginners Prohibitions: ITLN2631, ITLN2611, ITLN2201, ITLN2301 Assessment: class participation (10%), written assignments (equivalent to 1000wd) (10%), 2x1000wd language tests (35%), 2x250wd grammar tests (20%), 1x500wd aural/oral tests (25%)

This unit activates and consolidates the principal structures of the language and introduces complex structures, providing a variety of activities to suit most learning styles. It offers an up-to-date image of Italian life and culture and opportunities to discuss cross-cultural issues. First year students attending this unit are strongly advised to also take ITLN1613.

Textbooks

De Rôme, Soluzioni! A Practical Guide to Italian Grammar

Course pack available from University Copy Centre

Recommended dictionaries:

Collins Sansoni Italian Dictionary (Collins)
Zingarelli, Vocabolario della lingua italiana (Zanichelli)

ITLN2621

Intermediate Italian 4

Credit points: 6 Session: Semester 2 Classes: 3x1-hr seminars/week Prerequisites: ITLN2611 or ITLN2101 Assessment: ITLN2632, ITLN2202, ITLN2302 Assessment: class participation (10%), written assignments (equivalent to 1000wd) (10%), 2x750wd language tests (35%), 1xoral presentation (equivalent to 500wd) (10%), 2x250wd grammar tests (15%), aural/oral tests (equivalent to 500wd) (25%)

This unit consolidates and expands both receptive and productive skills through a variety of learning tasks, to be carried out individually and/or in group. It aims at fluency and accuracy and it fosters independent learning.

Textbooks

De Rôme, Soluzioni! A Practical Guide to Italian Grammar

Course pack available from University Copy Centre

Recommended dictionary:

Zingarelli, Vocabolario della lingua italiana (Zanichelli)
ITALN2631
Senior Italian 3
Credit points: 6
Session: Semester 1
Classes: 3x1-hr seminars/week
Prerequisites: ITLN1632, ITLN1202, ITLN1302 or HSC, Continuers
Prohibitions: ITLN2611, ITLN2201, ITLN2101, ITLN2301
Assessment: class participation (10%), written assignments (equivalent to 1000wd (15%), 2x1000wd language tests (35%), 2x250wd grammar tests (20%), aural/oral tests (equivalent to 500wd) (20%)

This unit provides consolidation in and activation of all four language skills, with a particular emphasis on speaking and writing. It offers an up-to-date image of Italian society and opportunities to discuss cross-cultural issues. Reflection on the language system aims at introducing complex structures, developing awareness at syntactic level and self-awareness about individual language performance. First year students attending this unit are strongly advised to also take ITLN1613.

Textbooks
De Rôme, Soluzioni! A Practical Guide to Italian Grammar
Course pack available from the University Copy Centre
Recommended dictionary:
Zingarelli, Vocabolario della lingua italiana (Zanichelli)

ITALN2632
Senior Italian 4
Credit points: 6
Session: Semester 2
Classes: 3x1-hr seminars/week
Prerequisites: ITLN2631, ITLN2201 or ITLN2301
Prohibitions: ITLN2612, ITLN2302
Assessment: class participation (10%), written assignments (equivalent to 1000wd) (10%), 2x750wd language tests (30%), 2x250wd grammar tests (20%), oral presentation (equivalent to 500wd) (15%), aural/oral tests (equivalent to 500wd) (20%)

This unit builds on the competence acquired in ITLN2631 and further develops the four language skills within the cultural context of contemporary Italy. It aims at fostering both fluency and accuracy as well as independent learning skills.

Textbooks
De Rôme, Soluzioni! A Practical Guide to Italian Grammar
Course pack available from the University Copy Centre
Recommended dictionary:
Zingarelli, Vocabolario della lingua italiana (Zanichelli)

ITALN3611
Senior Italian 5
Credit points: 6
Session: Semester 1
Classes: 3x1-hr seminars/week
Prerequisites: ITLN2612 or ITLN2202
Prohibitions: ITLN3631, ITLN3201
Assessment: class participation (10%), written assignments (equivalent to 1000wd) (10%), 1xoral presentation (equivalent to 500wd) (15%), 2x750wd language tests (30%), 2x250wd grammar test (15%), aural/oral tests (equivalent to 500wd) (20%)

This unit furthers competence in all aspects of the language, with a particular focus on advanced reading and writing skills. It deals with different aspects of Italian contemporary society through a variety of text types and levels of formality, encouraging cross-cultural appreciation and discussion.

Textbooks
De Rôme, Soluzioni! A Practical Guide to Italian Grammar
Course pack available from University Copy Centre
Recommended dictionary:
Zingarelli, Vocabolario della lingua italiana (Zanichelli)

ITALN3612
Senior Italian 6
Credit points: 6
Session: Semester 2
Classes: 3x1-hr seminars/week
Prerequisites: ITLN3611 or ITLN3201
Prohibitions: ITLN3202, ITLN3302, ITLN3301
Assessment: class participation (10%), written assignments (equivalent to 1000wd) (10%), 1xoral presentation (equivalent to 500wd) (15%), 2x750wd language tests (30%), 2x250wd grammar test (15%), aural/oral tests (equivalent to 500wd) (20%)

This unit offers opportunities for advanced and carefully planned language practice. It aims to develop the student's linguistic awareness and to reflect on the Italian language system as a whole, while dealing with different aspects of Italian contemporary society and culture.

Textbooks
De Rôme, Soluzioni! A Practical Guide to Italian Grammar
Course pack available from University Copy Centre

ITALN3631
Senior Italian 7
Credit points: 6
Session: Semester 1
Classes: 3x1-hr seminars/week
Prerequisites: ITLN2632 or ITLN2302
Prohibitions: ITLN3611, ITLN3301, ITLN3321
Assessment: class participation (10%), written assignments (equivalent to 1000wd) (15%), 1xoral presentation (equivalent to 500wd) (10%), 2x750wd language tests (35%), 2x250wd grammar test (15%), aural/oral tests (equivalent to 500wd) (15%)

This unit furthers competence in all aspects of the language, with a particular focus on the discourse level and on advanced reading and writing skills. It deals with different aspects of Italian contemporary society through a variety of text types and levels of formality.

Textbooks
De Rôme, Soluzioni! A Practical Guide to Italian Grammar
Course pack available from University Copy Centre
Recommended dictionary:
Zingarelli, Vocabolario della lingua italiana (Zanichelli)

ITALN3679
FILMING FIC.H: THE ITALIAN EXPERIENCE
Credit points: 6
Session: Semester 2
Classes: 2x1-hr lecture/week, 1x1-hr tutorial/week
Prerequisites: One of ITLN1612, ITLN1632, ITLN1102, ITLN1202, ITLN1302, HSC Italian Continuers or Beginners
Assessment: class participation (10%), 1xoral presentation (equivalent to 1500wd) (20%), written assignments (equivalent to 2000wd) (30%), 1x2500wd final essay (40%)

An examination of the relationship between Italian cinema and fiction. Do they speak a common language? Do they employ comparable techniques? Who copies whom? This unit investigates these and other questions by analysing the adaptation of selected contemporary Italian novels into film.

ITALN3681
REPRESENTATIONS OF SOUTHERN ITALY
Credit points: 6
Session: Semester 2
Classes: 2x1-hr seminars/week
Prerequisites: One of ITLN1632, ITLN2612, ITLN1202, ITLN1302, HSC Italian Continuers
Assessment:

Representations of Southern Italy (equivalent to 2000wd) (30%), 1x2500wd final essay (40%)

In this unit, we will analyse and discuss novels by contemporary Italian writers as well as some films.

ITALN3682
FICTION OF YOUTH
Credit points: 6
Session: Semester 2
Classes: 2x1-hr seminars/week
Prerequisites: ITLN1632, ITLN2612, ITLN1202, ITLN1302 or ITLN2202
Prohibitions: ITLN3763
Assessment: class participation (10%), 1xoral presentation (equivalent to 1500wd) (20%), 1x2000wd class test (30%), 1x2500wd essay (40%)

In this unit, we will analyse and discuss novels by contemporary Italian writers as well as some films.

ITALN3685
LINGUISTIC ISSUES IN MIGRATION
Credit points: 6
Session: Semester 2
Classes: 2x1-hr seminars/week
Prerequisites: ITLN1302, ITLN1402, ITLN2632 or ITLN2612
Prohibitions: ITLN3754
Assessment: class participation (10%), 1xoral presentation (equivalent to 1500wd) (25%), 1x2000wd class test (25%), 1x2500wd final essay (40%)

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

This unit (conducted in Italian) examines a range of Italian novels from the second half of the twentieth century whose authors or protagonists are young. We will conduct a literary analysis of the texts, considering aspects such as genre, viewpoint and style. Furthermore, we will study specific topics related to the themes of youth, paying attention to the historical and social background of the text.

Textbooks
Culicchia, G., Tutti gii per terra, Garzanti, 1994.

ITALN3686
Linguistic Issues in Migration
This unit examines the main linguistic phenomena that occur in the contact between majority and minority languages in a context of migration, using the Italo-Australian community as a case.

**Textbooks**
Course pack available from University Copy Centre.

**ITLN3687**  
Focus on Writing in Italian  
**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 2x1-hr seminars/week

**Prerequisites:** One of ITLN3631, ITLN3612, ITLN3301, ITLN3202 or ITLN3611

**Prohibitions:** ITLN3401  
**Assessment:** class participation (15%), written assignments (equivalent to 3500wd) (40%), 1xpresentation (equivalent to 1000wd) (20%), 1x1500wd class test (25%)

This unit is designed specifically for students with advanced knowledge of Italian. Students will analyse and produce written texts of varying text types and writing techniques. They will also focus on specific strategies for written communication.

**Textbooks**
Course pack available from University Copy Centre.

**ITLN3688**  
Advanced Italian: Translation  
**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 2x1-hr seminars/week

**Prerequisites:** One of ITLN3611, ITLN3612, ITLN3631, ITLN3202, ITLN3301

**Prohibitions:** ITLN3402  
**Assessment:** written assignments (equivalent to 2000wd) (30%), 1xoral presentation (equivalent to 1000wd) (15%), 2x1500wd class tests (55%)

The unit is concerned with translating and interpreting from and into Italian, exploring modes, techniques and genres.

**Textbooks**
Texts available from the department.

**ITLN3691**  
Italian Literature: 1200-1860  
**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 2x1-hr seminars/week

**Prerequisites:** Credit in 12 credit points of Italian or 80% in HSC Italian

**Continuers Prohibitions:** ITLN2902  
**Assessment:** 1x1500wd essay (25%), 1x3000wd essay (50%), written assignments (equivalent to 1500wd) (25%)

Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program. It is also strongly recommended for intending Exchange students.

Through analysis of representative texts and exploration of their contexts, this honours/exchange preparation unit surveys major figures, works, schools and movements in Italian literary culture from the thirteenth to the nineteenth century.

**ITLN3694**  
Dante and the Middle Ages  
**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1x1-hr lecture/week, 2x1-hr seminars/week

**Prerequisites:** 18 A junior credit points  
**Assessment:** 1x2000wd essay (30%), 1x1500wd class test (20%), quizzes (equivalent to 1000wd) (40%) and class participation (10%)

This unit studies Dante's Divine Comedy in its entirety as an enduring work of poetry, a major text of the European literary tradition, and the most comprehensive synthesis of Medieval culture. We will look at how literature works in relation to the language and the rhetorical tradition in which it expressed on the one hand, and, on the other, the historical, philosophical and theological culture it expresses and interprets. This unit will be taught in English.

**ITLN3695**  
Love in Italian Culture  
**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 1x2-hr lecture/week

**Prerequisites:** 18 Table A junior credit points  
**Assessment:** 1x3000wd final essay (40%), 1x1500wd class test (25%), 1xpresentation (equivalent to 1500wd) (25%), class participation (10%)

What is love? Italian authors throughout the centuries have provided many different interpretations. Drawing upon major works of Italian literature, this unit will explore a range of texts from the Middle Ages through to the 19th century that deal with love, it's cultural and social contexts. The texts will be considered within the context of the visual culture of the time. This unit will be taught in English.

**ITLN1801**  
Italian Exchange  
**Credit points:** 6  
**Session:** Semester 1, Semester 2

Note: Department permission required for enrolment.

**ITLN1802**  
Italian Exchange  
**Credit points:** 6  
**Session:** Semester 1, Semester 2

Note: Department permission required for enrolment.

**ITLN2811**  
Italian Exchange  
**Credit points:** 6  
**Session:** Semester 1, Semester 2

Note: Department permission required for enrolment.

**ITLN2812**  
Italian Exchange  
**Credit points:** 6  
**Session:** Semester 1, Semester 2

Note: Department permission required for enrolment.

**ITLN2813**  
Italian Exchange  
**Credit points:** 6  
**Session:** Semester 1, Semester 2

Note: Department permission required for enrolment.

**ITLN2814**  
Italian Exchange  
**Credit points:** 6  
**Session:** Semester 1, Semester 2

Note: Department permission required for enrolment.

**ITLN2815**  
Italian Exchange  
**Credit points:** 6  
**Session:** Semester 1, Semester 2

Note: Department permission required for enrolment.

**ITLN2816**  
Italian Exchange  
**Credit points:** 6  
**Session:** Semester 1, Semester 2

Note: Department permission required for enrolment.

**ITLN2817**  
Italian Exchange  
**Credit points:** 6  
**Session:** Semester 1, Semester 2

Note: Department permission required for enrolment.

**ITLN4011**  
Italian Honours A  
**Credit points:** 12  
**Session:** Semester 1, Semester 2  
**Classes:** Two seminars that meet weekly for two hours a week.  
**Prerequisites:** Students must have qualified for the award of the pass degree with a major in Italian (36 senior credit points). They will have completed an additional 12 credit points, normally including the special entry unit ITLN3691. Intending Honours students should attain a Credit average result in senior Italian units of study taken as a part of their major.  
**Assessment:** A thesis of 18000-20000 words and 6000-8000 words of written work or its equivalent for each seminar.

Note: Department permission required for enrolment.

The Honours program in Italian Studies consists of:

1. a thesis written under the supervision of one or more academic staff
2. two seminars that meet weekly for two hours per week for one semester.
   The thesis should be of 18000-20000 words in length. Each seminar requires 6000-8000 words of written work or its equivalent.
   The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.
   The following seminars are on offer in 2011:
   Sem 1: Rebellion and innovation in narrative and language: from the Sixties to the Nineties (Dr Giorgia Alù and Dr Antonia Rubino)
Japanese Studies

**JPNS1611**

**Japanese 1**
- Credit points: 6
- Session: Semester 1, Summer Main, Winter Main
- Classes: 2x1-hr lectures/week, 2x1-hr tutorials/week
- Prerequisites: Any HSC Japanese, Genki I, Eri Banno et al
- Prohibitions: JPN1111, JPS1112
- Assessment: Continuous assessment, quizzes, writing, listening, and speaking tests (equivalent to 2000wds) (50%), 1x2-roll exam (50%)  

This unit develops basic communication skills in understanding and speaking Japanese. Students will also learn to write the two Japanese syllabaries and approximately 60 kanji characters and to recognize at least 100 kanji characters in context. Relevant socio-cultural information is integrated with the language learning. This unit also includes a weekly culture lecture.

*Textbooks*
- Genki I, Eri Banno et al
- The Japan Times

**JPNS1612**

**Japanese 2**
- Credit points: 6
- Session: Semester 2
- Classes: 1x1-hr lecture/week, 3x1-hr tutorials/week
- Prerequisites: JPN1111 or JPN1611
- Assessment: Continuous assessment (i.e. weekly quizzes, speaking, writing, listening tests) (equivalent to 2000wds) (50%), 1x2-hr exam (50%)

This unit develops both the basic communication skills and the learning skills introduced in semester one. Students will continue to learn to use and understand Japanese in meaningful, everyday contexts. They will be able to write more than 150, and to recognize at least 200 kanji characters in context. Relevant socio-cultural information is integrated with the language learning.

*Textbooks*
- Genki I, Eri Banno et al
- The Japan Times

**JPNS2611**

**Japanese 3**
- Credit points: 6
- Session: Semester 1
- Classes: 3x1-hr tutorials/week
- Prerequisites: 65% or more in HSC Japanese Beginners or less than 70% in Japanese Continuers, or JPN1121 or JPN1612
- Prohibitions: JPN1114, JPN2212
- Assessment: Continuous assessment (including class quizzes, tests and written assignments) (equivalent to 3000wds) (75%), 1x1-hr exam (25%)

This unit consolidates basic grammar and introduces intermediate grammar, through communicative methods and reading practice. By the end of the semester, students should be able to keep up a conversation for a short time in a dialogue, to write short passages without the assistance of dictionaries, to read narrative texts, and to recognize the difference between written and spoken modes of communication in Japanese. Students will be able to write approximately 200 kanji and to recognize about 300 kanji.

*Textbooks*
- Genki II, Eri Banno et al
- The Japan Times

**JPNS2612**

**Japanese 4**
- Credit points: 6
- Session: Semester 2
- Classes: 3x1-hr tutorials/week
- Prerequisites: JPN1114 or JPN2212 or JPN2611
- Prohibitions: JPN1124, JPN2222
- Assessment: Continuous assessment (including class quizzes, tests and written assignments) (equivalent to 3000wds) (75%), 1x1-hr exam (25%)

This unit aims to consolidate basic grammar and introduce intermediate grammar through communicative methods and reading practice. By the end of the semester, students are expected to be able to sustain a conversation about a selected topic for several minutes in a dialogue, to write a well-structured short essay without the assistance of dictionaries, and to read Japanese texts on a variety of topics. They will be able to write approximately 300 kanji and to recognize about 400 kanji.

*Textbooks*
- Genki II, Eri Banno et al
- The Japan Times

**JPNS2621**

**Japanese 5**
- Credit points: 6
- Session: Semester 1
- Classes: 3x1-hr tutorials/week
- Prerequisites: HSC Japanese Extension or Japanese Continuers 70% or above or JPN1124 or JPN2222 or JPN2612
- Prohibitions: JPN2213
- Assessment: Continuous assessment, quizzes (equivalent to 200wds) (5%), tests (speaking, writing, listening and reading comprehension tests) (equivalent to 2300wds) (51%), 1x2-hr exam (44%)

This unit aims to develop students’ speaking, writing and reading skills for the intermediate level of Japanese, so that they are able to use Japanese in a variety of situations. Students will be expected to achieve the following linguistic skills: switch to appropriate speech style in formal and informal situations; express opinions and thoughts; write about 350 kanji and recognize at least 600 kanji. Writing and reading practice will consolidate grammatical, lexical and cultural knowledge.

*Textbooks*
- Intermediate Japanese, Akira Miura et al
- The Japan Times

**JPNS2622**

**Japanese 6**
- Credit points: 6
- Session: Semester 2
- Classes: 3x1-hr tutorials/week
- Prerequisites: JPN2621 or JPN2623
- Prohibitions: JPN2223
- Assessment: Continuous assessment, weekly quizzes (equivalent to 200wds) (5%), tests (speaking, writing, listening and reading comprehension tests) (equivalent to 2300wds) (51%), 1x2-hr exam (44%)

This unit aims to consolidate and extend intermediate level linguistic skills, through the acquisition of conversational strategies such as notions of apology, reasoning, opinions and explanations. Besides oral practice, writing and reading practice will help strengthen grammatical, lexical and cultural knowledge. Students will be able to read about 850 kanji and write about 500 kanji by the end of the semester. The above aims will be achieved by exploring various topics relating to contemporary Japan through authentic materials.

*Textbooks*
- Intermediate Japanese, Akira Miura et al
- The Japan Times

**JPNS2660**

**Introduction to Japan**
- Credit points: 6
- Session: Semester 2
- Classes: 2x1-hr seminars/week
- Prerequisites: JPN1121 or JPS1612
- Prohibitions: JPN2622, JPN3622, JPN3632
- Assessment: 1x1500wd group project (25%), 2xquizzes (1250wds each) (2x20%), 1x1000wd essay (17%), role play (equivalent to 1000wds) (17%)

This unit aims to introduce to students of Japanese language core knowledge on Japanese society, history and culture. The unit will be
taught in English but will acquaint students with key words and concepts in Japanese. Themes to be covered may include: social structures; contemporary issues and their historical backgrounds; language use in Japanese society; literary and cultural trends; urban culture.

**JPNS2670**

**Modern Japanese Literary Masterpieces**

**Credit points: 6**  
**Session: Semester 2**  
**Classes: 2x1-hr seminars/week**  
**Prerequisites:** JPNS1124 or JPNS2222 or JPNS2612  
**Prohibitions:** JPNS3116; JPNS3621; JPNS2301; JPNS3631; JPNS3301  
**Assessment:** 1x2hr final exam (33%), 1x1hr mid-semester exam (17%), 1x1000wd presentation (17%), 1x1500wd essay (25%), continuous assessment (equivalent to 500wds) (8%)

This unit of study aims at improving students' language skills by reading modern Japanese literature, which is expressed at a different level from daily use. The comprehension of Japanese literary texts enables students to gain an insight into the writers' themes and expressions and is relevant to contemporary life. When necessary, English translations will be used in conjunction with authentic Japanese material. Students are expected to develop a critical appreciation of Japanese literature.

**JPNS2671**

**Japanese Sociolinguistics**

**Credit points: 6**  
**Session: Semester 1**  
**Classes: 1x2-hr seminar/week**  
**Prerequisites:** JPNS1124 or JPNS2222 or JPNS2612  
**Prohibitions:** JPNS3621; JPNS3622; JPNS3631; JPNS3632; JPNS2301; JPNS3621; JPNS3630; JPNS3114  
**Assessment:** continuous assessment including online learning activities (10%), 1x1500wd essay (35%), 1xclass test (25%), 1x2hr exam (30%)

This unit will explore some important characteristics of the Japanese language from social perspectives. The characteristics to be explored are concerned with the ways in which Japanese people use language systems to express their own social identity and their relationships with others: both the people they are talking to and the people they are talking about. Authentic texts will be provided by selecting from a range of reading materials such as academic essays, novels and newspaper articles.

**JPNS2672**

**Japanese Media Culture and New Japan**

**Credit points: 6**  
**Session: Semester 2**  
**Classes: 1x2-hr seminar/week**  
**Prerequisites:** JPNS1124 or JPNS2222 or JPNS2612  
**Prohibitions:** JPNS3106; JPNS3621; JPNS3631; JPNS3632; JPNS2301; JPNS3621; JPNS3630; JPNS3114  
**Assessment:** continuous assessment, including 2xclass quizzes (equivalent to 1000wds each) (34%), discussions and research based project (equivalent to 2500wds) (41%), 1x1.5hr exam (25%)

This unit aims to explore the new Japan and its youth cultures and to guide students to understand and broaden their knowledge of changing aspects of Japanese culture and society. Topics from Japanese traditions through to contemporary culture will be analysed. Learning activities include reading media texts (e.g. newspaper articles), video analysis, discussion, research and video conferences. The unit also provides students with opportunities to pursue their interests and develop cultural knowledge and communication skills.

**JPNS3621**

**Japanese 7**

**Credit points: 6**  
**Session: Semester 1**  
**Classes: 3x1-hr tutorials/week**  
**Prerequisites:** JPNS1123 or JPNS2223 or JPNS2622  
**Prohibitions:** JPNS2301  
**Assessment:** 1x1500wd presentation (25%), kanji and online quizzes (equivalent to 1500wds) (25%), 1x1000wd composition test (17%), 1x2hr exam (33%)

Classes will involve a range of learning styles for further development of speaking, listening, reading and writing skills. Classes are divided into two components: communication and reading. In communication classes exercises will include discussion, short surveys, role-plays, short reading and translation exercises. Reading will be focused on contemporary journalistic and sometimes literary writing. By the end of this unit of study, students will be able to read approximately 1100 kanji and write 600 kanji.

Textbooks

**Authentic Japanese: Progressing from Intermediate to Advanced, Osamu Kamada et al.**  
**The Japan Times**

**JPNS3622**

**Japanese 8**

**Credit points: 6**  
**Session: Semester 2**  
**Classes: 3x1-hr tutorials/week**  
**Prerequisites:** JPNS3621 or JPNS2301  
**Prohibitions:** JPNS3620  
**Assessment:** 1x1500wd presentation (25%), kanji and online quizzes (equivalent to 1500wds) (25%), 1x1000wd composition test (17%) and 1x2hr exam (33%)

This unit is designed to consolidate and extend skills acquired in JPNS3621. Classes are divided into two components: communication and reading. In communication classes, exercises will include discussion, short surveys, role-plays, reading passages and short translation exercises. Reading classes will be focused on a variety of contemporary writing styles. By the end of this unit of study, students will be able to read approximately 1350 kanji and write 700 kanji.

Textbooks

**Authentic Japanese: Progressing from Intermediate to Advanced, Osamu Kamada et al.**  
**The Japan Times**

**JPNS3631**

**Japanese 9**

**Credit points: 6**  
**Session: Semester 1**  
**Classes: 2x1-hr tutorials/week**  
**Prerequisites:** JPNS3630 or JPNS3631  
**Prohibitions:** JPNS3302  
**Assessment:** continuous class assessment including essay writing (equivalent to 1000wds) (17%), 1x1000wd mid-term exam (17%), group and individual presentations (equivalent to 2000wds) (33%), 1x2hr exam (33%)

This unit aims at the further development of skills beyond the intermediate level of Japanese. The goals of the unit include the development of skills in language analysis; the understanding of unfamiliar texts of a non-specific nature; the ability to summarise, to evaluate texts critically and to appreciate authentic Japanese texts, including literary texts. At the conclusion of the course, students will be able to write 800 kanji and recognise some 1600 kanji.

**JPNS3632**

**Japanese 10**

**Credit points: 6**  
**Session: Semester 2**  
**Classes: 2x1-hr tutorials/week**  
**Prerequisites:** JPNS3631 or JPNS3630  
**Prohibitions:** JPNS3302  
**Assessment:** 1x1hr mid-semester exam (1000wds) (17%), 1x1500wd presentation (25%), 1x1000wd essay (17%), continuous assessment (equivalent to 500wds) (8%), 1x2hr exam (33%)

This unit aims at revising and extending students' language skills to a higher level in order to achieve confidence and proficiency in expressing views in written and spoken Japanese. Students are expected to develop analytical skills in reading a variety of contemporary texts from different genres, to evaluate information critically, and to express opinions through discussions on a wide range of research topics. Students will be able to write 1000 kanji and recognise some 1450 Joyo kanji.

**JPNS3673**

**Japanese Society**

**Credit points: 6**  
**Session: Semester 2**  
**Classes: 2x1-hr seminars/week**  
**Prerequisites:** JPNS1123 or JPNS2223 or JPNS2622 or JPNS1125  
**Prohibitions:** JPNS3314  
**Assessment:** continuous class assessment, including class quizzes, tests, presentation and written assignments (equivalent to 5000wds) (83%), 1x1hr exam (17%)

Is Japan a unique country? What are the similarities and differences between Japan, Australia and other countries? This unit of study offers students the opportunity to explore various aspects of contemporary Japanese society and culture through reading Japanese texts in the original, through group discussions, and through cross-cultural comparisons. Students will develop their own opinions on a range of social and cultural issues while improving their reading, analytical, and both oral and written communication skills.

Textbooks

**Authentic Japanese: Progressing from Intermediate to Advanced, Osamu Kamada et al.**  
**The Japan Times**
JPNS3675
Japanese Cinema
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week
Prerequisites: JPNS2622 Assessment: film analysis (equivalent to 2000wds) (33%), 1x2000wd essay (34%), 1x2hr seminar exam (33%)
Note: This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program

Cinema is an essential part of cultural life in Japan, which has one of the richest film traditions in the world. This unit introduces the history of Japanese cinema through lectures on important films organised according to major themes and genres. Besides weekly screenings of films, lectures will be richly illustrated with film excerpts. Students will gain an overall insight into the role of cinema in Japanese society and gain the ability to analyse films critically.

JPNS3676
Monsters & Ghosts: Japanese Fantasy & SF
Credit points: 6 Session: Semester 1 Classes: 2x1-hr seminars/week
Prerequisites: JPNS1123 or JPNS1125 or JPNS2223 or JPNS2622
Assessment: 2x500wd in-class quizzes (2x8%), 1x1500wd essay (25%), 1x2000wd research project (34%)

The course will focus on fantasy and science fiction as means of representing the Other in modern Japanese literature and popular culture. Building on Tzvetan Todorov's definition of the fantastic as a hesitation between the realistic and the supernatural, it will analyse the way in which Japanese fantasy tackles issues of modernity, gender and cultural difference in a variety of genres and media, including the novel and short story, manga, anime and film, from the Meiji period to the present.

JPNS3841
Japan In-Country Study 1
Credit points: 6 Session: Semester 1, Semester 2 Prerequisites: 12 Junior JPNS credit points Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a "Satisfied Requirements" result at the University of Sydney.
Note: Department permission required for enrolment.

Approved course in a tertiary level institution in Japan.

JPNS3842
Japan In-Country Study 2
Credit points: 6 Session: Semester 1, Semester 2 Prerequisites: 12 Junior JPNS credit points Assessment: As prescribed by the host institution. On successful completion of this unit of study, students will receive a "Satisfied Requirements" result at the University of Sydney.
Note: Department permission required for enrolment.

Approved course in a tertiary level institution in Japan.

JPNS1801
Japanese Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

JPNS1802
Japanese Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

JPNS2811
Japanese Exchange 3
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

JPNS2812
Japanese Exchange 4
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

JPNS2813
Japanese Exchange 5
Credit points: 6 Session: Semester 1, Semester 2

Note: Department permission required for enrolment.

JPNS2814
Japanese Exchange 6
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

JPNS2815
Japanese Exchange 7
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

JPNS4011
Japanese Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: Two seminars, each seminar meets weekly for 2 hours for one semester Prerequisites: Credit average or better in the major plus 12 additional senior credit points, including ASNS3690 Approaches to Research in Asian Studies. They may include one 6-credit point Japan-related Asian Studies unit of study. Assessment: A thesis of 18000-20000 words and 6000-8000 words of written work or its equivalent for each seminar.
Note: Department permission required for enrolment.

The Honours program in Japanese Studies consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for two hours for one semester.
The thesis should be of 18000-20000 words in length. Each seminar requires 6000-8000 words of written work or its equivalent.
The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.
The following seminars are available for 2011:
- Theory and Methods in Asian Studies (Dr Olivier Ansart)
- The Underside of Modern Japan (Dr Mats Karlsson)
For more information, contact Dr Matthew Stavros, Honours coordinator

JPNS4012
Japanese Honours B
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: JPNS4011
Refer to JPNS4011

JPNS4013
Japanese Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: JPNS4012
Refer to JPNS4011

JPNS4014
Japanese Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: JPNS4013
Refer to JPNS4011

JPNS4011
Japanese Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: Two seminars, each seminar meets weekly for 2 hours for one semester Prerequisites: Credit average or better in the major plus 12 additional senior credit points, including ASNS3690 Approaches to Research in Asian Studies. They may include one 6-credit point Japan-related Asian Studies unit of study. Assessment: A thesis of 18000-20000 words and 6000-8000 words of written work or its equivalent for each seminar.
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JPNS4012
Japanese Honours B
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: JPNS4011
Refer to JPNS4011

JPNS4013
Japanese Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: JPNS4012
Refer to JPNS4011

JPNS4014
Japanese Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: JPNS4013
Refer to JPNS4011

JPNS4011
Japanese Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: Two seminars, each seminar meets weekly for 2 hours for one semester Prerequisites: Credit average or better in the major plus 12 additional senior credit points, including ASNS3690 Approaches to Research in Asian Studies. They may include one 6-credit point Japan-related Asian Studies unit of study. Assessment: A thesis of 18000-20000 words and 6000-8000 words of written work or its equivalent for each seminar.
Note: Department permission required for enrolment.

The Honours program in Japanese Studies consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for two hours for one semester.
The thesis should be of 18000-20000 words in length. Each seminar requires 6000-8000 words of written work or its equivalent.
The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.
The following seminars are available for 2011:
- Theory and Methods in Asian Studies (Dr Olivier Ansart)
- The Underside of Modern Japan (Dr Mats Karlsson)
For more information, contact Dr Matthew Stavros, Honours coordinator

JCTC1001
Palestine: Roman Rule to Islam
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Assessment: 1x2hr exam (40%), 1x2000wd essay (30%), 1x500wd synopsis of a tutorial paper (20%) and class participation (10%)

How did the religion and history of the Jewish people change from the Second Temple to the rabbinic period? Explore the history and religion of the Jews during the watershed period in Palestine under Roman rule. Study the Hellenist influence on Judaism, the development of different sects, including the Dead Sea sect, and the emergence of Christianity. Lectures (2 hours a week) focus on the history of the period. Tutorials (1 hour a week) deal with broad questions such as who is a Jew and universalism and choseness in Judaism together with a knowledge and understanding of basic Jewish belief and practice. Students will gain insights into the evolution of
Judaism from pagan times to the present. At the upper level, students can study Medieval Judaism, Holocaust and Israel.

Textbooks
Telushkin, J., Jewish Literacy: The Most Important Things to Know About the Jewish Religion, its People and its History, N.Y., William Morrow, 2001
Holtz, B. ed., Back to the Sources: Reading the Classical Jewish Texts, N.Y., Touchstone, 1992

JCTC1002 Jewish Settlement Outside Palestine
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: JCTC1001 Assessment: 1x2hr exam (40%), 1x2000wd essay (30%), 1x500wd synopsis of a tutorial paper (20%) and 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 Muhammad and the rise of Islam; the place of the Jew under Islamic law and the rapid Islamic conquest of much of the known world. They will learn about the dispersed diaspora communities in Babylon and Egypt and the development of Jewish communities in India and China from their early origins to the present day. Lectures are 2 hours and focus on the history of the period. The tutorials (1 hour a week), deal with moral, ethical and philosophical questions relating to Judaism. Discussions will explore the existence and nature of God, prophecy, the Messiah, Torah and the commandments, conversion to Judaism and Jewish attitudes to other faiths.

JCTC2603 Jews Under the Crescent and the Cross
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: JCTC1001 or one of HSTY1022, HSTY1031, HSTY1043, HSTY1044, HSTY1045, HSTY1076, HSTY1088, RLST1001, RLST1002 Prohibitions: JCTC2003 Assessment: 1x2hr exam (40%), 1x2000wd essay (30%), 1x500wd synopsis of a tutorial paper (20%) and class participation (10%)

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

The story of Jews living under the Crescent (Muslim rule) and the Cross (Christian rule) comprises a vibrant period of Jewish history. The unit explores Jews under Muslim rule in Spain and the experiences of Jews under Christian rule in Germany, France and England in the Medieval period, including the problems of Christian antisemitism and the Crusades. These are seminal periods in the development of Jewish thought, with the contribution of great commentators and philosophers including Moses Maimonides.

JCTC2604 From Expulsion to Regeneration
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: JCTC1001 or one of HSTY1022, HSTY1031, HSTY1043, HSTY1044, HSTY1045, HSTY1076, HSTY1088, RLST1001, RLST1002 Prohibitions: JCTC2004 Assessment: 1x2hr exam (40%), 1x2000wd essay (30%), 1x500wd synopsis of a tutorial paper (20%) and class participation (10%)

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

One of the most traumatic events in Jewish history was the expulsion of the Jews from Spain in 1492. Explore the reasons behind the expulsion and the ways in which new centres of Jewish life emerged, especially in Eastern Europe. Light will also be shed on the establishment of Jewish communities in the Netherlands and England on the eve of emancipation when the new ideas of the Enlightenment paved the way for the rise of the modern Jew.

JCTC2605 From Emancipation to the Holocaust
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: JCTC1001 or one of HSTY1022, HSTY1031, HSTY1043, HSTY1044, HSTY1045, HSTY1076, HSTY1088 Assessment: 1x2hr exam (40%), 1x2000wd essay (30%), 1x500wd synopsis of a tutorial paper (20%) and class participation (10%)

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

This unit is designed to introduce students to the turbulent history of European Jewry, 1750 to 1933. Against the background of far-reaching transformation in almost every aspect of society and culture, the Jew's entry into the modern world will be examined. At the centre stands the process of acculturation, integration, assimilation and Zionism, as well as the responses by non-Jewish society, especially the rise of modern antisemitism.

JCTC2606 The Holocaust: History and Aftermath
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: JCTC1001 or 6 junior credit points from History Prohibitions: JCTC2006 Assessment: 1x3000wd essay (50%), 1x1500wd essay (30%) and class participation (20%)

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

This unit provides an in-depth study of the Holocaust. Special emphasis will be placed on the development of Nazi ideology, in particular racial antisemitism, and the gradual implementation of this policy towards the Jews and other victim groups from 1933 to 1945. Other themes focus on the responses of the victims and the role of the by-standers, as well as post-war politics of memory and other issues, including Holocaust denial and war crimes prosecution.

JCTC2607 Israel in the Modern Middle East
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: JCTC1001 or one of HSTY1022, HSTY1025, HSTY1031, HSTY1043, HSTY1044, HSTY1045 Assessment: 1x2000wd essay (30%), 1x500wd synopsis of tutorial paper (20%), 1x2hr exam (40%), and class participation (10%)

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

Israel's position in the modern Middle East and the wider world from state formation to the present has been shaped by social, political and economic processes. Study these processes in the context of the nature of Israeli society and the major foreign policy decisions taken by Israeli leaders. Topics to be studied include: the genesis and development of Zionism, democracy and religion in Modern Israel, post-Zionism, the role of the Holocaust in Israel, Jerusalem and the settlements.

JCTC1801 Jewish Civilization Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

JCTC2811 Jewish Civilization Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

JCTC2812 Jewish Civilization Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

JCTC2813 Jewish Civilization Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

JCTC2814 Jewish Civilization Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

JCTC2815 Jewish Civilization Exchange
Credit points: 6 Session: Semester 1, Semester 2
Students will acquire or al communication skills based on the given foundation for acquiring oral, aural, reading and writing skills in Korean. This unit is a comprehensive beginners course which will lay the foundation for acquiring oral, aural, reading and writing skills in Korean. Students will acquire oral communication skills based on the given grammar points and topics. Various communicative approaches will be employed for the class activities. Students are required to give group presentations during the semester. On the basis of grammar introduced, the reading and writing of short texts will be done in each week.

**KRN1622**

**Korean 2**

Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x2-hr tutorial/week Prerequisites: KRN1621 or KRN1101 Prohibitions: KRN1102 Assessment: 1x1hr exam (30%), 2xoral tests (30%), 3xquizzes (18%), 6xvocabulary tests (12%), 6xhomework assignments (10%)

This unit is a comprehensive beginners course which will lay the foundation for acquiring oral, aural, reading and writing skills in Korean. Students will acquire oral communication skills based on the given grammar points and topics. Various communicative approaches will be employed for the class activities. Students are required to give group presentations during the semester. On the basis of grammar introduced, the reading and writing of short texts will be done in each week.

**JCTC4011**

**Judaic Studies Honours A**

Credit points: 12 Session: Semester 1, Semester 2 Classes: Two seminars that meet weekly for two hours for each semester Prerequisites: A major in Jewish Civilisation with a Credit average, plus 12 credit points in an associated language (Hebrew Classical OR Hebrew Modern OR Yiddish) or an Honours preparation course from an associated discipline (History, Government or Studies of Religion). Assessment: A thesis of 20000 words and 4000-5000 words of written work or its equivalent for each seminar Note: Department permission required for enrolment.

The Honours program in Jewish Civilization, Thought and Culture consists of:

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

The thesis should be of 20000 words in length. Each seminar requires 4000-5000 words of written work or its equivalent.

The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.

Students will choose two IV Honours options. Students can choose to specialise in either the Classical or Modern period. Their dissertation must be in their area of speciality. Seminars will be offered from the following list in 2011:

- **Classical Period:**
  - Biblical Themes (Dr Ari Lobel)
  - Biblical Texts in Hebrew (Assoc Prof Ian Young)
- **Modern Period:**
  - Yiddish Literature in Translation (Dr Jennifer Dowling)
  - The Evolution of Judaism in the New World (Assoc Prof Suzanne Rutland)
  - Modern Hebrew Literature (Ms Yona Gilead)

For more information, contact Assoc Prof Suzanne Rutland, Honours coordinator.

**JCTC4012**

**Judaic Studies Honours B**

Credit points: 12 Session: Semester 1, Semester 2 Corequisites: JCTC4011

Refer to JCTC4011

**JCTC4013**

**Judaic Studies Honours C**

Credit points: 12 Session: Semester 1, Semester 2 Corequisites: JCTC4012

Refer to JCTC4011

**JCTC4014**

**Judaic Studies Honours D**

Credit points: 12 Session: Semester 1, Semester 2 Corequisites: JCTC4013

Refer to JCTC4011

**Korean Studies**

**KRN1621**

**Korean 1**

Credit points: 6 Session: Semester 1 Classes: 2x1-hr lectures/week, 1x2-hr tutorial/week Prerequisites: KRN1101 Assessment: 1x1hr exam (30%), 2xoral tests (30%), 3xquizzes (18%), 6xvocabulary tests (12%), 6xhomework assignments (10%)

This unit is a comprehensive beginners course which will lay the foundation for acquiring oral, aural, reading and writing skills in Korean. Students will acquire oral communication skills based on the given grammar points and topics. Various communicative approaches will be employed for the class activities. Students are required to give group presentations during the semester. On the basis of grammar introduced, the reading and writing of short texts will be done in each week.
to tackle some sociolinguistic issues. Students are required to present the results of their project in the class and to submit a written report.

**KRNS2675**  
Contemporary Korean Society and Culture  
**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1x2-hr lecture/week, 1x1-hr tutorial/week  
**Prerequisites:** KRNS2002 or KRNS2622  
**Prohibitions:** KRNS3001  
**Assessment:** 1x2hr exam (40%), 8xvocabulary tests (20%), 8x200wd essays (20%), 2xoral tests (20%)  

This unit will provide students with a good understanding of contemporary Korean society and culture by examining not only current issues in Korea (such as legal, political, economic, educational and family matters), but also the Korean people's living style affected by these various issues. The latter will include daily life, gender issues, business culture, entertainment, youth and popular culture. Students also look at the application and/or implication of a certain Korean culture or practice to domestic and international communities; e.g. to South Korea which pursues rapid globalisation or to a multi-cultural society like Australia.

**KRNS3621**  
Korean 5  
**Credit points:** 6  
**Session:** Semester 1  
**Classes:** 1x2-hr lecture/week, 1x1-hr tutorial/week  
**Prerequisites:** KRNS2002 or KRNS2622  
**Prohibitions:** KRNS3001  
**Assessment:** 1x2hr exam (40%), 8xvocabulary tests (20%), 8x200wd essays (20%), 2xoral tests (20%)  

This unit aims to further develop oral and written communication skills beyond the intermediate level. Students will acquire fluency in oral communication, with particular emphasis on sophistication and formality of speech. Reading and writing skills are developed through the use of structured texts from the prescribed textbook and selections of authentic reading materials from a range of sources.

**KRNS3622**  
Korean 6  
**Credit points:** 6  
**Session:** Semester 2  
**Classes:** 1x2-hr lecture/week, 1x1-hr tutorial/week  
**Prerequisites:** KRNS2002 or KRNS2622  
**Prohibitions:** KRNS3002  
**Assessment:** 1x2hr exam (40%), 8xvocabulary tests (20%), 8x200wd essays (20%), 2xoral tests (20%)  

This unit follows on from KRNS3621 and is designed to extend the student's command of the Korean language beyond the level completed in the previous semester. Through readings of authentic works from Korean newspapers, magazines and academic texts, and structured discussions based on these materials, this unit will introduce students to a wide range of sentence patterns, enrich their vocabulary and enable them to read advanced texts independently.

**KRNS2681**  
Korean Studies Exchange  
**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**KRNS2811**  
Korean Studies Exchange  
**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**KRNS2812**  
Korean Studies Exchange  
**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**KRNS2813**  
Korean Studies Exchange  
**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**KRNS2814**  
Korean Studies Exchange  
**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**KRNS2815**  
Korean Studies Exchange  
**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.

**KRNS4011**  
Korean Honours A  
**Credit points:** 12  
**Session:** Semester 1, Semester 2  
**Classes:** two seminars, each seminar meets weekly for 2 hours for one semester  
**Prerequisites:** Students must obtain a Credit average or better in their Korean Studies major and have taken an additional 15 credit points from KRNS or cross-listed ASNS units, including ASNS3690: Approaches to Research in Asian Studies.  
**Assessment:** A thesis of 18000-20000 words and 6000 - 8000 words of written work or its equivalent for each seminar.  
**Note:** Department permission required for enrolment.

The Honours program in Korean Studies consists of:  
1. a thesis written under the supervision of one or more members of academic staff  
2. two seminars that meet weekly for two hours for one semester  
   The thesis should be of 18000-20000 words in length. Each seminar requires 6000 - 8000 words of written work or its equivalent. The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%. Students may choose seminars from the following areas in 2011:  
   Korean Language and Linguistics  
   Korean History and Thought  
   Korean Media and Communication  
   For more information, contact Dr Duk-Soo Park, Honours coordinator.

**KRNS4012**  
Korean Honours B  
**Credit points:** 12  
**Session:** Semester 1, Semester 2  
**Corequisites:** KRNS4011  
Refer to KRNS4011

**KRNS4013**  
Korean Honours C  
**Credit points:** 12  
**Session:** Semester 1, Semester 2  
**Corequisites:** KRNS4012  
Refer to KRNS4011

**KRNS4014**  
Korean Honours D  
**Credit points:** 12  
**Session:** Semester 1, Semester 2  
**Corequisites:** KRNS4013  
Refer to KRNS4011

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**KRNS1801**  
Korean Exchange  
**Credit points:** 6  
**Session:** Semester 1, Semester 2  
**Note:** Department permission required for enrolment.
Latin

LATN1600
Introductory Latin 1
Credit points: 6 Session: Semester 1 Classes: 3x1 hour lectures and 1x1 hour tutorial per week. Prerequisites: LATN1600, LATN1001 or LATN2621. Prohibitions: LATN2601, LATN1002. Written assignments (40%), class quizzes (20%) and 1x2 hour exam (40%)

This unit is designed for beginners, though it is available to anyone who has not completed HSC Latin. No previous knowledge of a foreign language is assumed and all grammatical concepts encountered will be explained. The unit introduces the basics of Latin through the study of elementary grammar and, using selected readings from a range of Roman authors, provides an introduction to Latin literature.

LATN1601
Introductory Latin 2
Credit points: 6 Session: Semester 2 Classes: 3x1 hour lectures and 1x1 hour tutorial per week. Prerequisites: LATN1600 or LATN1001 or LATN2621. Prohibitions: LATN1002, LATN2612, LATN2621. Assessment: written assignments (40%), class quizzes (20%) and 1x2 hour exam (40%)

This unit builds on the knowledge and skills acquired in LATN1600 and introduces further accuracy along with most subordinate clause types and common constructions. Grammatical knowledge is reinforced by translation from and into Latin, while reading skills are further consolidated through the reading of prose and verse texts. The unit provides both a basis for further Latin study and essential background for students specialising in subjects such as Ancient History, Archaeology, Medieval Studies and Philosophy.

LATN2600
Intermediate Latin 1
Credit points: 6 Session: Semester 1 Classes: 3x1 hour lectures and 1x1 hour tutorial (optional for those who have passed HSC Latin) per week. Prerequisites: HSC Latin or LATN1601 or LATN2612 or LATN2621 or LATN1002. Prohibitions: LATN2603, LATN1001. Assessment: written assignments (40%) and 1x2 hour exam (60%)

This unit concentrates on consolidating the basic knowledge acquired in the first year of Latin or at school through language study and the close reading of one or two texts (to be advised on the department of Classics & Ancient History web site prior to commencement of lectures). The texts will be studied from the viewpoint of their literary qualities and generic and socio-historical background.

LATN2601
Intermediate Latin 2
Credit points: 6 Session: Semester 2 Classes: 3x1 hour lectures per week. Prerequisites: LATN2600 or LATN1101. Prohibitions: LATN1102. Assessment: written assignments (30%), 1x1500 word essay (30%) and 1x2 hour exam (40%)

This unit concentrates on consolidating the basic knowledge of the Latin language already acquired through language study and the close reading of one or two important texts (to be advised on the department of Classics & Ancient History web site prior to commencement of lectures). Acquaintance with Roman literature will also be expanded through studying these texts with a view to evaluating their literary aims and qualities and examining their generic and socio-historical background.

LATN2620
Reading Latin 1
Credit points: 6 Session: Semester 1 Classes: 3x1 hour lectures and 1x1 hour tutorial per week. Prohibitions: LATN1600, LATN1001, LATN2611. Assessment: written assignments (40%), class quizzes (20%) and 1x2 hour exam (40%)

This unit allows students specialising in areas such as Ancient History to acquire a knowledge of basic Latin at senior level. The unit, though aimed at beginners, is available to anyone who has not completed HSC Latin. The unit introduces the basics of the Latin language through the study of elementary grammar and, using selected readings from a range of Roman authors, provides an introduction to Latin literature.

LATN2621
Reading Latin 2
Credit points: 6 Session: Semester 2 Classes: 3x1 hour lectures and 1x1 hour tutorial per week. Prerequisites: LATN2620 or LATN2611. Prohibitions: LATN1601, LATN1002, LATN2612. Assessment: written assignments (40%), class quizzes (20%) and 1x2 hour exam (40%)

This unit builds on the knowledge and skills acquired in LATN1600 and introduces further accuracy along with most subordinate clause types and common constructions. Grammatical knowledge is reinforced by translation from and into Latin, while reading skills are further consolidated through the reading of prose and verse texts. The unit provides both a basis for further Latin study and essential background for students specialising in subjects such as Ancient History, Archaeology, Medieval Studies and Philosophy.

LATN3600
Advanced Latin
Credit points: 6 Session: Semester 1 Classes: 3x1 hour lectures per week. Prerequisites: LATN2601 or LATN2604 or LATN1102. Prohibitions: LATN3607. Assessment: written assignments (40%), language exercises (20%) and 1x2 hour exam (40%)

This unit concentrates on providing students with the advanced language skills necessary for the understanding and appreciation of more difficult Latin authors. These skills will be fostered both by formal language classes and by the close reading of Latin texts (to be advised on the department of Classics & Ancient History web site prior to commencement of lectures). Through this reading, students will also gain familiarity with the style and language of some important Latin authors.

LATN3602
Latin Epic 2
Credit points: 6 Session: Semester 2 Classes: 3x1 hour lectures per week. Prerequisites: LATN2602. Assessment: written assignments (50%), 1x2 hour exam (40%) and class participation (10%)

This unit is aimed at students who have taken introductory Latin and are in their 2nd or 3rd year of Latin. It is not recommended for students with HSC Latin who are in their 3rd year. The aim is to provide familiarity with the style and the literary and socio-historical background of Latin epic through the reading of selections from canonical authors (texts to be advised on the department of Classics & Ancient History web site).

LATN3603
Latin Imperial Poetry
Credit points: 6 Session: Semester 1 Classes: 3x1 hour seminars per week. Prerequisites: LATN3600 or LATN3607. Assessment: written assignments (50%) and 1x2 hour exam (50%)

This unit, which concentrates on the poetry of the Empire, aims to expand students' knowledge of this period of Roman literature through a study of one or more important texts (to be advised on the department of Classics & Ancient History web site prior to commencement of lectures). Language skills necessary for the understanding of the texts will be assumed and emphasis placed on interpretation, literary appreciation and the generic and/or historical background of the texts.

LATN3605
Latin Republican Prose
Credit points: 6 Session: Semester 2 Classes: 3x1 hour seminars per week. Prerequisites: LATN3600 or LATN3607. Assessment: written assignments (55%) and 1x2 hour exam (45%)

This unit, which concentrates on the prose literature of the Republic, aims to expand students' knowledge of this period of Roman literature through a study of one or more important texts (to be advised on the department of Classics & Ancient History web site prior to commencement of lectures). Language skills necessary for the
understanding of the texts will be assumed and emphasis placed on interpretation, literary appreciation and the generic and/or historical background of the texts.

LATN1801
Latin Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

LATN1802
Latin Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

LATN2804
Latin Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

LATN2805
Latin Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

LATN2806
Latin Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

LATN2810
Latin Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

LATN2811
Latin Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

LATN4011
Latin Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: two seminars, each seminar meeting for 3 hours per week for one semester Prerequisites: Credit average in 42 senior credit points of Latin including two of LATN3603, 3604, 3605, 3606 plus 6 additional senior credit points of Greek, Latin or Ancient History. Assessment: a thesis of 15,000 words, 6,000 words of written work or its equivalent for each seminar and one exam
Note: Department permission required for enrolment.

The Honours program in Latin consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for three hours for one semester
3. one unseen exam on a Latin text.

The thesis should be of 15,000 words in length. Each seminar requires 6,000 words of written work or it equivalent.

The thesis is worth 45% of the final Honours mark, each of the seminars is worth 22.5% and the unseen exam is worth 10%.

The following seminars are on offer in 2011:
Latin Imperial Poetry (Assoc Prof Lindsay Watson)
Latin Republican Prose (Dr Robert Cowan)

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

LATN4012
Latin Honours B
Credit points: 12 Session: Semester 1, Semester 2 Prerequisites: Refer to LATN4011 Corequisites: LATN4011 Assessment: Refer to LATN4011
Refer to LATN4011

Legal Studies
For continuing Bachelor of Arts and Sciences students only - no major available.

SLSS1001
Introduction to Socio-Legal Studies
Credit points: 6 Session: Semester 2 Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2 Assesement: class participation (10%), 1x1500wd take-home exam (40%) and 1x3000wd essay (50%)
Note: available to Bachelor of Arts and Sciences and Bachelor of Socio-Legal Studies only

This unit provides students with an introduction to the understanding of legal ideas, institutions and practices in their social and historical contexts. It will provide an historical overview of legal institutions and forms of law in Australia, the place of the idea of the rule of law in state-formation, liberalism, processes of civilisation and colonialism, law and the public/private distinction, changing conceptions of human rights, as well as outlining the central features of the various fields of law.
Textbooks
unit reader will be available through the Copy Centre

SLSS1003
Law and Contemporary Society
Credit points: 6 Session: Semester 2 Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2 Assessment: tutorial attendance and participation (10%), 1x2000wd essay (40%) and 1x2hr exam (50%)
Note: available to Bachelor of Arts and Sciences and Bachelor of Socio-Legal Studies only

This unit provides an understanding of the central themes and issues in social scientific analyses of the operation of law in society. After briefly outlining the various ways in which social life is organised in terms of law, the unit will examine a range of key concerns in the development of legal ideas, institutions and processes today, including the increasing legal regulation of private life, law and science, human rights, the globalisation of law, terrorism, risk and security, law and social inequality and citizenship.
Textbooks
unit reader will be available through the Copy Centre

Linguistics

LNGS1001
Structure of Language
Credit points: 6 Session: Semester 1 Classes: 2x1-hr lectures/week and 1x1-hr tutorial/week Prohibitions: LNGS1004, LNGS1005 Assessment: 10x150wd short problem based assignments (30%), 1x1hr (1000wd) equivalent mid-term exam (20%) and 1x2hr (2000wd) equivalent final exam (50%)

This unit is a comparative look at the general structure of human language. It looks at the sounds of human language: how the speech organs make them and their variety, in particular, a detailed description of English consonants and vowels and how to transcribe them. It investigates what is a possible word in English and other languages. It looks at the way speakers put words together to form sentences and how and why is English different from Japanese or even Irish.
Textbooks
Textbooks


LNGS1002
Language and Social Context
Credit points: 6
Session: Semester 2
Classes: 2x1-hr lectures/week and 1x1-hr tutorial/week
Assessment: 5x250wd short assignments (40%), 1x1-hr (1000wd) equivalent mid-term exam (20%) and 1x2hr (2000wd) equivalent final exam (40%)

This unit introduces the study of the interrelationship between language and society. It is concerned with phenomena of language change and how that leads to varieties in a language. How are these varieties linked to social differences? What distinguishes male speech from female speech or what are the linguistic styles of different social classes or ethnic groups? What is slang, or jargon, and what distinguishes a casual conversation from an interview?

Textbooks

LNGS2602
Syntax
Credit points: 6
Session: Semester 2
Classes: 2x1-hr lectures/week and 1x1-hr workshop/week
Prerequisites: LNGS1001 or LNGS1005 or LNGS1004
Prohibitions: LNGS2002
Assessment: 5x250wd problem sets (60%), 1x2hr (2000wd equivalent) problem based exam (40%)

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

Syntax deals with how we combine words into phrases, clauses and sentences and how we understand these combinations. Syntax is almost purely internal to language and plays a major role in organising the language system. We look at syntactic concepts in English, languages of Europe and Asia, and those of small traditional communities around the world. Using a problem solving approach, we develop explicit models to describe syntactic phenomena that allow generalisations leading to testable predictions about possible structures.

LNGS2603
Functional Grammar
Credit points: 6
Session: Semester 1
Classes: 2x1-hr lectures/week and 1x1-hr workshop/week
Prerequisites: One of ENGL1000, ENGL1005, ENGL2619, ENGL2647, LNGS1001, LNGS1002, LNGS1003, LNGS1004, LNGS1005, LNGS2601, LNGS2602, LNGS2604, LNGS2620, LNGS2621, MECO1001, MECO1003, WRIT1001
Prohibitions: LNGS2002
Assessment: 5x500wd term assignments (50%) and 1x2 hour exam (50%)

This unit takes a functional view of grammar, considering the ways in which English is organised to build up our picture of reality, to enable us to interact in conversation and to make our contribution coherent and relevant. It is designed to give students analysis skills in the analysis of idealational, interpersonal and textual meaning in the clause, the nature of inter-clausal relations, and the structure of nominal, verbal and adverbial groups and prepositional phrases.

Textbooks

Geoff Thompson, Introducing Functional Grammar

LNGS2604
Discourse Analysis
Credit points: 6
Session: Semester 2
Classes: 2x1-hr lecture/week and 1x1-hr workshop/week
Prerequisites: One of ENGL1000, ENGL1005, ENGL2619, ENGL2647, LNGS1001, LNGS1002, LNGS1003, LNGS1004, LNGS1005, LNGS2601, LNGS2602, LNGS2603, LNGS2620, LNGS2621, MECO1001, MECO1003, WRIT1001
Prohibitions: LNGS2002
Assessment: 4x500wd term assignments (40%) and 1x2500wd essay (60%)

This unit of study provides an introduction to discourse analysis, which is concerned with the way in which texts are organised in relation to the social and cultural context. In linguistics, the term ‘discourse’ covers both a) the organisation of linguistic units above the sentence level (cohesion), and b) language in use or context (register and genre). The unit will include analysis of texts combining language with image, from the perspective of critical discourse analysis.

Textbooks

J R Martin & David Rose, Working with Discourse, 2nd edn

LNGS2611
Australia’s Indigenous Languages
Credit points: 6
Session: Semester 1
Classes: 1x2-hr lecture, 1x1-hr language learning tutorial/week
Prerequisites: (One of LNGS1001, LNGS1004, LNGS1005) and (one of LNGS1002, LNGS1003)
Assessment: 2x1000wd problem sets (40%), 1x2500wd project (60%)

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.

LNGS2612
Language Variation and Change
Credit points: 6
Session: Semester 1
Classes: 2x1-hr lectures/week
Prerequisites: Two of LNGS1001, LNGS1002, LNGS1003, LNGS1004 and LNGS1005
Prohibitions: LNGS2026, LNGS2006
Assessment: 1x mid-term exam (30%), 1x3000wd research project (60%) and 1x1000wd presentation (10%)
Practical field work: Data gathering for research project

Human language varies with the social context, and on all linguistic levels (pronunciation, lexis, syntax, discourse structures etc). It not only shows variation in context but also across time. Again, all linguistic levels are affected. You will learn about variation analysis, the many factors that impact upon variation; the forms of variation; how to conduct sociolinguistic variation studies; the mechanisms of language change; constraints on change; and the way in which change is embedded in the larger linguistic system.

LNGS2617
Cross-Cultural Communication
Credit points: 6
Session: Semester 2, Winter Main
Classes: 1x2-hr seminar/week
Prerequisites: Either (two of LNGS1001, LNGS1002, LNGS1003, LNGS1004, LNGS1005) or (Credit average in 12 Senior credit points from one of the foreign languages (French, Japanese, Chinese, Italian, Arabic, Spanish, German, Latin, Modern Greek, Ancient Greek, Indonesian, Malay, Korean, Thai, Yiddish, Hebrew, Syriac, Amaraic, Sanskrit).
Prohibitions: LNGS3903, LNGS3923
Assessment: 1x1500wd presentation (25%), 1x1500wd problem set (25%), 1x3000wd essay (50%)

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

In today’s globalized and multicultural societies, cross-cultural communication is common enough. Even so, it continues to be a challenge, both for people who engage in cross-cultural communication on a daily basis, and for researchers trying to describe and understand it. In this unit of study we will consider a variety of discourse-analytic approaches to studying cross-cultural communication, including conversation analysis, speech act theory, interactional sociolinguistics, the ethnography of communication, and critical discourse analysis. In our analyses of actual samples of cross-cultural communication we will pay particular attention to the social positioning of participants in an interaction, and the ways in which social relationships (particularly of power and intimacy) between participants are reflected in their linguistic practices. The unit will end with exploring applied perspectives, particularly on cross-cultural communication in educational, courtroom and workplace interactions.

LNGS2620
Phonetics
Credit points: 6
Session: Semester 1
Classes: 2x1-hr lectures/week and 1x1-hr tutorial lab/week
Prerequisites: LNGS1001
Prohibitions: LNGS2601
Assessment: 4x250wd short assessments (30%), 3x1000wd transcription tasks (20%), 1x1000wd mid-term exam (20%) and 1x2500wd final exam (30%)

Note: This unit is available as a designated ‘Advanced’ unit for students who are already enrolled in the BA (Advanced) degree program.
This unit will provide an introduction to the study of articulatory, acoustic and perceptual phonetics. Approaching the study of phonetics from both the theoretical and practical sides, students will learn about the anatomical and physiological bases of the production of speech sounds. They will learn to produce and discern a wide range of the sounds observed in human languages and have practise in transcribing these sounds as well as applying these skills to the wider field of transcription, for example song texts/musical transcription. An introduction to the physical (acoustic) properties of speech sounds provides the basis for an understanding of what acoustic factors matter in speech perception.

LNGS2621
Phonology
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week and 1x1-hr tutorial/week
Prerequisites: LNGS1001
Prohibitions: LNGS2601
Assessment: 5x400wd problem sets (45%), 1x1000wd mid-term exam (20%), 1x2000wd final exam (35%)
Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.

This unit will provide a foundation in the principles and methods of linguistic argumentation particularly with respect to phonological analysis and the interaction of phonetics and phonology. Development of theories from SPE through to Optimality Theory. Topics include: basic phonological analysis; distinctive features, underlying representations, abstractness, rules and constraints, the role and function of prosodic structure: the prosodic hierarchy syllables, tone and stress, markedness.

LNGS3601
Semantics and Pragmatics
Credit points: 6 Session: Semester 1 Classes: 2x1-hr lectures/week and 1x1-hr tutorial/week
Prerequisites: one of LNGS2602 [Syntax], LNGS2603 [Functional Grammar], ENGL2619 [Semiotics of Language] and ENGL2953 [Varieties of English Grammar]
Prohibitions: LNGS3026, LNGS3006
Assessment: 3x500wd exercises (40%) and 1x3000wd essay (60%)
Note: Compulsory for Honours students; other students may select as an option. This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.

Semantics deals with the meaning of words, phrases, sentences and texts, and the relations between those meanings. Pragmatics deals with how speakers use context and shared information to convey information additional to the semantic content of what they say, and with how hearers make inferences on the basis of this information. Our goal is to explore the diversity of ways in which meaning can be expressed linguistically in different languages, as well as of what constitutes evidence for meaning.

LNGS3603
Morphology
Credit points: 6 Session: Semester 1 Classes: 1x2-hr seminar/week
Prerequisites: (one of LNGS2620, LNGS2621) and (one of LNGS2602, LNGS2603)
Prohibitions: LNGS3025
Assessment: 1x1000wd equivalent tutorial paper (20%), 2x1000wd problem sets (30%), 1x3000wd essay (50%)

This unit of study covers the following issues: morphological typology and classifications; formal properties of morphological phenomena: concatenative morphology, affixation; nonconcatenative morphology: root and pattern morphology, reduplication, truncations, hypocoristic formation; formal representation of morphological processes; functional aspects of morphology categories, grammatical relations, classification system; current models of morphology.

LNGS3605
Structure and Use of a Language
This unit of study is not available in 2011
Credit points: 6 Session: Semester 2 Classes: 2hr seminar
Prerequisites: LNGS2601 [or LNGS2001] and one of LNGS2602, LNGS2002, LNGS2003, LNGS2603
Prohibitions: LNGS3904
Assessment: 3,000 word essay [this may be staged to include abstract preparation, and to incorporate revision on the basis of feedback from this and from the tutorial paper which may include peer feedback], tutorial paper (equiv. 1,000 words), 2 assignments each ca. 1,000 words

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

A language other than English is chosen for analysis (phonology, morphology, syntax, semantics and discourse), and for description of the ways it is used (ethnography of speaking including speech acts, speech events, registers and genres). It is examined in its areal, genetic, historical, social and typological context. We also examine sources of data and their reliability, and the way findings are presented (reference and teaching grammars and linguistic papers). Pidgins and Creoles will be discussed in 2006.

LNGS3607
Genre and Register
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week 1x1-hr tutorial/week
Prerequisites: LNGS2603 or LNGS2604 or LNGS3608
Prohibitions: LNGS3007
Assessment: 1x1200wd genre staging exercise (15%), 1x1000wd field analysis (20%), 1x1000wd mode analysis (20%), 1x1000wd tenor analysis (20%), 1x1800wd contrastive text analysis (25%)

This unit will focus on the analysis of genre and register, from a functional linguistics perspective. The issue of modelling genre relations will be examined in detail, including typological and topological approaches. Register analysis will be considered from the perspective of well studied registers such as analysts. Attention will also be given to qualitative and quantitative techniques, and to multi-modal analysis (including verbiage, image, music).

LNGS3608
Corpus Linguistics and Linguistic Theory
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week and 1x1-hr tutorial/week
Prerequisites: LNGS1001 and LNGS1002
Assessment: 1x1000wd corpus design, building and discussion (20%), 1x1000wd corpus analysis (20%), 1x2000-2500wd research essay (60%)

'The language looks different when you look at a lot of it at once'. This unit of study introduces you to corpus linguistics - the use of computer software to look at a lot of language at once. Corpus linguistics is currently surging in Europe and taking off in North America. This unit of study is one of very few on offer in Australia. Together we will explore the linguistic insights corpus linguistics has to offer and how these have affected modern theories of language. You will also explore methods involved in corpus design and analysis and undertake your own corpus linguistic research project.

Textbooks

LNGS3692
Media Discourse
Credit points: 6 Session: Semester 1 Classes: 1x2-hr seminar/week
Prerequisites: LNGS2603 or LNGS2604
Prohibitions: LNGS3912
Assessment: 1x500wd assignment (5%), 1x1500wd assignment (35%), 1x3000wd assignment (60%)

'Sexy, healthy and 100% Australian-owned!' This unit examines linguistic approaches to media discourse. The language of news texts and television series will form a special focus of the unit, along with how images are used to construed meaning. We will explore general aspects of media institutions (news and television), the ways in which social identities are constructed in the media, differences between the language of various types of media texts, the rhetoric of persuasion and the discourses of popular culture.

LNGS1801
Linguistics Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Linguistics at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies in the Department of Linguistics.
**LNGS2805**
Linguistics Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

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

**LNGS2806**
Linguistics Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

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

**LNGS2809**
Linguistics Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

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

**LNGS2810**
Linguistics Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

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

**LNGS2811**
Linguistics Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

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

**LNGS2812**
Linguistics Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

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

**LNGS4011**
Linguistics Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: 2 hour seminar per option per week. Prerequisites: Credit average in 48 senior credits points, including at least three of the five units LNGS3601, LNGS2602, LNGS2604, LNGS2620, LNGS2621 Assessment: 1x1800-2000wd thesis (50%) and 2 seminars x 6000-8000wds of written work or its equivalent per seminar (50%)

OR 1x12000-15000wd thesis (40%) and 3 seminars x 6000-8000wds of written work or its equivalent per seminar (60%)
Note: Department permission required for enrolment.

The Honours program in Linguistics consists of:
1) a thesis written under the supervision of one or more members of academic staff, which may include members of staff from other departments for students undertaking joint honours.
2) two (or three) seminars that meet weekly for two hours for one semester.
3) an unassessed support seminar that meets weekly for one hour for one semester.

If you chose the two seminar option you write a thesis of 18000-20000 words. The thesis is worth 50% of the final Honours mark in this option.
If you chose the three seminars option you will write a shorter thesis of 12000-15000 words. The thesis is worth 40% of the final Honours mark in this option.

Students considering further academic work in the field should choose the longer thesis.
Each seminar requires 6000-8000 words of written work or its equivalent.
Seminars will be offered from the following list in 2011:

- Systemic Functional Linguistics master-class
- In depth study of the structure of a language
- Honours special seminar

**LNGS4012**
Linguistics Honours B
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: LNGS4011
Refer to LNGS4011

**LNGS4013**
Linguistics Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: LNGS4012
Refer to LNGS4011

**LNGS4014**
Linguistics Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: LNGS4013
Refer to LNGS4011

**Media and Communications**

**MECO1001**
Australian Media Studies
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week and 1x1-hr tutorial/week Assessment: 1x1200wd essay (30%), 1x1800wd essay (40%) and 1x2hr exam (30%)
Note: Department permission required for enrolment. Note: available to BA (Media and Comm) and BSc (Media and Comm) students only

This unit offers an introduction to the history and theory of media and communications studies. Students will gain a foundation in key concepts, methodologies and theorists in the field. They will also explore the interdisciplinary roots of media and communications studies and acquire basic research skills. By the end of the unit students should be familiar with major shifts in the history and theory of media and communications studies and with basic concepts and methodologies in the field.

Textbooks
It is recommended that students purchase a reader from the University Copy Centre

**MECO1002**
Media and Communications Landscapes
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 1x2-hr tutorial/week Assessment: 1x1250wd product or company profile (30%), 1x1250wd market or ‘segment’ report (30%) and 1x2hr exam (40%)
Note: Department permission required for enrolment. Note: Note: available to BA (Media and Comm) and BSc (Media and Comm) students only

This unit introduces students to the key ideas, trends, organisations and institutional bodies that shape and define the 'landscape' in which media and communications practitioners operate. It offers students an opportunity to gain a foundational understanding of the media and communications field in Australia that will be important for placing professional work done in media and communications in a social, cultural, historical, economic and political context.

Textbooks

MECO1003
Principles of Media Writing
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week and 1x1-hr tutorial/week Assessment: 1x400wd word news story (20%), 1x500wd colour news story (20%), 1x700wd broadcast script (20%), 1x2-hr exam (30%), attendance and participation (10%)
Note: available to BA (Media and Comm) and BSc (Media and Comm) students only

This unit will give students foundational skills in writing for the print and broadcast media. Students will learn the elements of journalistic style, how to structure news and feature articles, how to script basic broadcast and online news, and be introduced to the principles of interviewing and journalistic research.

Textbooks
Course reader
Recommended readings:
David Conley, 'The Daily Miracle: An Introduction to Journalism,' Oxford University Press, Melbourne, 1997; Style, News Custom, 2005
Graeme Turner and Stuart Cunningham, Media and Communications in Australia, Allen and Unwin, Sydney, 2006; Style, News Custom, 2005

MECO2601
Radio Broadcasting
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week and 1x2-hr tutorial/week Prerequisites: 12 junior credit points of MECO units Prohibitions: MECO2001 Assessment: 1x500wd equivalent radio news writing and presentation exercise (20%), 1x2500wd equivalent live group radio production and documentation (40%), 1x2000wd listening and reflection journal (30%), participation (10%) Practical field work: Students are encouraged to join the University of Sydney Radio Society Note: Department permission required for enrolment. Note: available to BA (Media and Comm) and BSc (Media and Comm) students only

This unit is designed to introduce students to the history, nature and contemporary status of radio. It specifically considers such concepts as news values and the role of the audience in radio broadcast. Students will also apply critical analytical approaches to radio and online broadcast texts. Practically, the unit offers an introduction to radio presentation and production, using professional quality digital audio recording and editing facilities.

Textbooks

It is also recommended that students purchase a reader from the Copy Centre

MECO2603
Media Relations
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week and 1x2-hr tutorial/week Prerequisites: 12 junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) Prohibitions: MECO2003 Assessment: 1x2500wd media relations campaign (35%), 1x1000wd equivalent press conference presentation (20%), 1x1000wd final exam (35%) and tutorial participation (10%)
Note: available to BA (Media and Comm) and BSc (Media and Comm) students only

This unit of study will examine the relationships between stakeholders with an interest in public communication including the environmental groups, media, the corporate sector, government, for not profit industries and health and community relations. This unit provides an overview of media relations theory including issue framing, agenda setting, and co-relational development. It examines image, reputation and relationship building. Students learn to develop a media relations campaign strategy, budget and timeline, using tactical approaches for successful media relations. Students will learn to identify controlled and uncontrolled media, set research priorities and objectives and framing a client response.

Textbooks
A Required course reader can be purchased from the University Copy Centre Recommended Reading:
Stanton R 2007 Media Relations Oxford University Press Melbourne

MECO3601
Video Production
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week, 1x 2-hr workshop/week Prerequisites: 12 junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) Prohibitions: MECO3001 Assessment: 1x1300wd equivalent 80 second field piece (25%), 1x2000wd equivalent six-minute video (50%) and 1x1200wd analysis in exam format (25%) Practical field work: This is a practical media production and theory unit. Note: Available to BA (Media and Comm) and BSc (Media and Comm) students only

This is an introduction to the theory and practice of digital video production, with a strong practical component, emphasizing information-based programming (news, current affairs, corporate video, documentary and infotainment). Students will be expected to produce short video items individually and in groups, using professional standard desktop editing software.

Textbooks
Course Reader available from the University Copy Centre Supplementary text:

MECO3602
Online Media
Credit points: 6 Session: Semester 2 Classes: 1x1hr lecture/week and 1x2-hr/week Prerequisites: 12 Junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) Prohibitions: MECO3002 Assessment: 1x group produced web site (50%), 1x2-hr exam (30%) and 1x website proposal (20%) Practical field work: This will involve substantial group web site production project work outside of class time. Note: Available to BA (Media and Comm) and BSc (Media and Comm) students only.

This unit examines how uses of the Internet, the Web and other online media and devices, such as mobile phones and iPads, are changing the media landscape. Students will become familiar with key theoretical and cultural issues in online media, and learn to critically analyse inter-networked media productions and processes. They will also gain practical skills in writing and producing content for the web through team development of blogs and websites.

Textbooks

Course reader available from the University Copy Centre

MECO3603
Media, Law and Ethics
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week and 1x1-hr tutorial/week Prerequisites: 12 Junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) Prohibitions: MECO3003 Assessment: 1x1700wd essay (40%), 1x2-hr (2000wd equivalent) exam (40%), 1x800wd online posting (20%)
Note: Department permission required for enrolment. Note: Available to BA (Media and Comm) and BSc (Media and Comm) students only. Students wishing to enrol should consult Steven Maras (unit of study coordinator) or Marc Brennan (undergraduate coordinator).

MECO3603 will introduce students to the area of Media, Law and Ethics through discussion of key legal, ethical, and cultural issues relevant to journalism and the professional fields of public communication. Students will be given an introductory survey of the main ethical theories in Western thought to establish a framework within which to examine specific ethical issues that relate to media. They will also be introduced to those aspects of the law that impinge on the work of media professionals.

Textbooks
Course Reader of key articles available from the University Copy Centre
MECO3605
Media Globalisation
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week and 1x1-hr tutorial/week Prerequisites: 12 Junior credit points to MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) Prohibitions: MECO3005 Assessment: 1x2000wd essay (40%), 1x tutorial presentation/debate (20%) and 1x2-hr exam (40%) Note: Available to BA (Media and Comm) and subject to departmental approval, students undertaking a major in Cultural Studies.

This unit aims to demonstrate the complexity of media globalisation and to examine in depth some of the common assumptions associated with the term. While the unit will consider the impact of global market forces (i.e. cheap labour in developing countries, environmental issues, etc), it is interested in the dynamics of globalisation more generally, and media globalisation more specifically. Students can expect to appreciate that media globalisation is a complex proposal that involves formats, localisation, symbolic currency and negotiation.

Textbooks
It is recommended that students purchase a reader from the Copy Centre

MECO3606
Advanced Media Writing
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 1x2-hr workshop/week Prerequisites: 12 Junior credit points to MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) Prohibitions: MECO3006 Assessment: 3x1300wd feature articles in different genres (85%) and 2x tutorial presentations (15%) Note: Available to BA (Media and Comm) and BSc (Media and Comm) students only.

This unit of study will build on foundational writing, research and interviewing skills acquired in MECO1003 Principles of Media Writing. The focus will be on writing for print media and will emphasise advanced feature and opinion writing genres. Students will also study the history of print media genres and consider theoretical issues relevant to feature writing.

Textbooks
Course reader

MECO3609
Critical Practice in Media
Credit points: 6 Session: Semester 2 Classes: 1x2-hr seminar/week Prerequisites: 12 Junior and 42 senior credit points of MECO units and (one of WRIT1001, WRIT1002, ENGL1025, ENGL1007) Assessment: 1x1000wd project proposal (20%), 1x5000wd research project (80%) Note: Available to BA (Media and Comm) and BSc (Media and Comm) students only.

This unit of study is designed to draw together the key elements of theoretical and practical knowledge and skills that students have acquired in their media and communications studies. Using historical, cultural and industry-based frameworks and case studies, this unit of study will assist students to better understand the relationship between theory and practice in the field and assist them to become critical practitioners. By the end of the unit, students will be able to identify key debates around the relationship between theory and practice and demonstrate an awareness of how critical thinking and media production are capable of mutually informing each other in practice.

Textbooks
Readings will be available online through WebCT and/or the Library electronic reserve

MECO3671
Media and Communications Internship
Credit points: 6 Session: Semester 1, Semester 2 Classes: there are no lectures, but attendance may be required at a program of industry talks Prerequisites: 30 senior credit points of MECO, including (MECO3603 or MECO3003). Students may not enrol in MECO3671 prior to the second semester of their 3rd year. Prohibitions: MECO3701, MECO3702 Assessment: Students must satisfy the requirements of an internship contract with their workplace, including attendance and performance, as evaluated through a workplace supervisor report.

Note: Available to BA (Media and Comm) and BSc (Media and Comm) students only.

The internship consists of a work placement comprising a minimum of 140 working hours in a media organisation, assisted and supervised by both the workplace and the department. Placements may include print, broadcast, online and new media, public relations and advertising organisations. Students will be required to present a 2000 word journal recounting their experiences during the internship. The internship and internship journal are assessed on a satisfactory/unsatisfactory basis.

MECO3672
Internship Project
Credit points: 6 Session: Semester 1, Semester 2 Classes: 4x2-hr seminars/semester, 2x2hr lectures/semester Prerequisites: 30 senior credit points of MECO, including two of (MECO3602, MECO3603, MECO3002, MECO3003) Corequisites: MECO3671 Prohibitions: MECO3701, MECO3702 Assessment: 1x4000wd research essay (100%) Note: Department permission required for enrolment. Note: Students may not enrol in MECO3672 prior to the first semester of their 4th year. All students must attend the Week One lecture, at which they sign up for one of 3 cycles of 4 x 2-hour seminars.

This unit is based around the production of a 4000 word critical research essay drawn from issues encountered during and after the internship. Students are required to attend a cycle of four seminars, which they will direct (in the presence of the unit coordinator) to discuss and refine their research approaches and questions. Students will also need to submit documentation of their research question and approach before submitting their essay.

Textbooks

MECO4011
Media and Communications Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: 4x2hr seminars/week in semester 1, 6x 0.5hr supervisor consultations/semester Prerequisites: Average of high credit or above in senior units within the completed BA (Media and Communications) Assessment: 1x18-20000wd thesis (60%) and 4x4000wd seminar papers (40%) Note: Department permission required for enrolment.

The Honours program in Media and Communications consists of:
1. A thesis written or produced under the supervision of one or more members of academic staff
2. Four seminars that meet weekly for two hours each during semester one.
(Noe that mid year enrolment is not available.)
Students from other institutions are accepted into the program, and are requested to provide samples of previous academic work as well as a proposal.

For more information, contact Dr Marc Brennan, Honours coordinator.

MECO4012
Media and Communications Honours B
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: MECO4011 Refer to MECO4011

MECO4013
Media and Communications Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: MECO4012 Refer to MECO4011

MECO4014
Media and Communications Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: MECO4013 Refer to MECO4011

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MECO4605
Honours Thesis A
Credit points: 6 Session: Semester 1, Semester 2 Classes: 6x0.5-hr consultations/semester. Assessment: either 1x12000-15000wd thesis or (a media production of an agreed size plus 1x6000-8000wd essay assessed as one piece of work)
Note: Department permission required for enrolment. Note: Available only to students who commenced Media and Communications Honours prior to 2010
Research and writing towards an honours thesis on an approved topic under the supervision of an academic member of staff. The thesis is completed over two semesters in conjunction with MECO4606, MECO4607 and MECO4608.
Available only to students enrolled in the BA (Media and Communications) before 2010.

MECO4606
Honours Thesis B
Credit points: 6 Session: Semester 1, Semester 2 Corequisites: MECO4605
Note: Department permission required for enrolment. Note: Available only to students who commenced Media and Communications Honours prior to 2010
Refer to MECO4605

MECO4607
Honours Thesis C
Credit points: 6 Session: Semester 1, Semester 2 Corequisites: MECO4606
Note: Department permission required for enrolment. Note: Available only to students who commenced Media and Communications Honours prior to 2010
Refer to MECO4605

MECO4608
Honours Thesis D
Credit points: 6 Session: Semester 1, Semester 2 Corequisites: MECO4607
Note: Department permission required for enrolment. Note: Available only to students who commenced Media and Communications Honours prior to 2010
Refer to MECO4605

Medieval Studies

MDST2611
Medieval Heroes and Heroines
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 2x1-hr seminar/week Prerequisites: At least 18 junior credit points from Table A, of which 12 credit points are from one subject area Assesment: 2x1500wd essays (66.6%), 1x1500wd equivalent class presentation (33.4%)
Note: This unit of study may be counted towards majors in History, French Studies, English, and European Studies
The Middle Ages presents a remarkable range of heroic characters, from mythical dragon-slayers (Beowulf) to historical figures (Joan of Arc), and many medieval archetypes still familiar in modern culture have emerged from that period: the ‘knight in shining armour’, Crusaders, martyrs, rulers, and lovers. This unit considers their significance for the medieval public and addresses theoretical issues such as the definition of a hero/ine and the extent to which the concept has evolved from the Middle Ages to modern times.

MDST2612
Byzantium between East and West
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week, 2x1-hr seminars/week Prerequisites: 18 junior credit points from Table A of which 12 credit points are from one subject area Assessment: 2x2000wd essay (70%), 1x1000wd tutorial presentation (20%) and participation (10%)
Note: this unit of study may be counted towards majors in History and Modern Greek
This unit investigates the role that Byzantium played throughout the Middle Ages as the cultural interface between East and West between 330 and 1453. It examines the various forms of interaction that took place within Byzantium and because of Byzantium between Eastern and Western Europe, Europe and Asia, and Christianity and Islam. It further explores pre-modern perceptions of identity, social class, economy, and gender. Its main focus is to delineate the wide range of exchanges that took place throughout the Middle Ages between societies through cultural diffusion, military campaigns, material culture and political ideologies.

MDST2614
The Legend of King Arthur
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week, 2x1-hr seminars/week Prerequisites: 18 junior credit points from Table A, of which 12 credit points are from one subject area Assessment: 1x1000wd essay (25%), 1x2000wd essay (50%) and 1x10 minute class presentation (25%)
Note: This unit of study may be counted towards a Major in History. Students wanting to enrol should contact Andrea Williams.
The Arthurian legends treat many themes central to literature throughout the ages: love, betrayal, death, spirituality. This unit is highly innovative in that it is taught live (via video link and WebCT) by a team of international experts from Sydney, the UK, Continental Europe and the US. We survey the Arthurian legend in its multiple manifestations across time and place, covering texts from the Middle Ages to the present day as well as representations in the visual arts (illuminated manuscripts, film).

MDST4011
Medieval Studies Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: 1x2-hr seminar/week for each seminar option Prerequisites: Credit average in at least 48 senior credit points from Medieval Studies units of study or from cross-listed units of study (including at least two MDST units of study to the value of 12 credit points). Assessment: 1x15000-20000wd thesis (40%), 3x6000-8000wd seminar papers (60%)
Note: Department permission required for enrolment.
The Honours program in Medieval Studies consists of:
1. a thesis of 15000-20000 words in length, written under the supervision of a member of academic staff nominated by the Honours Coordinator.
2. three seminars that meet weekly for two hours for one semester. The thesis should be of 15000-20000 words in length. Each seminar requires 6000-8000 words of written work or its equivalent. Seminars are chosen from relevant subject areas by the Honours candidate in consultation with the Honours Coordinator.
The thesis is worth 40% of the final Honours mark and each of the seminars is worth 20%. It is important that prospective Honours students consult the Co-ordinator to ensure that their choice of senior level units of study is appropriate to their intentions for the Honours Year.

MDST4012
Medieval Studies Honours B
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: MDST4011
Refer to MDST4011

MDST4013
Medieval Studies Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: MDST4012
Refer to MDST4011

MDST4014
Medieval Studies Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: MDST4013
Refer to MDST4011

Modern Greek Studies

MGRK1601
Junior Modern Greek 1
Credit points: 6 Session: Semester 1 Classes: 2x1-hr language tutorials/week, 2x1-hr practicals/week commencing week 2 Prohibitions: MGRK1101 Assessment: 2xtests (equivalent to 800wd total) (30%), 3xquizzes (equivalent to 800wd total) (30%), 1x2hr exam (equivalent to 2000wd) (30%), 1xoral exam (equivalent to 400wd) (10%)

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Practical language classes for students who have very little or no prior knowledge of Greek. The unit is based both on communicative methodology and a functional approach to language. By using the Greek language in a range of contexts, students will develop spoken communication (speaking and listening) skills and to a lesser extent written communication (reading and writing) skills.

Textbooks
Supplied through the department

MGRK1602
Junior Modern Greek 2
Credit points: 6
Session: Semester 2 Classes: 2x1-hr language tutorials/week, 2x1-hr practicals/week commencing week 2
Prerequisites: MGRK1101 or MGRK1601
Prohibitions: MGRK1102
Assessment: 2xtests (equivalent to 800wd total) (30%), 3xquizzes (equivalent to 600wd total) (30%), 1x2hr exam (equivalent to 2000wd) (30%), 1xoral exam (equivalent to 400wd) (10%)

This unit is a continuation of MGRK1601. It aims at strengthening students' oral communication skills and further developing their written skills. Having completed MGRK1602, students in their second year will normally enter MGRK2601.

Textbooks
Supplied through the department

MGRK1621
Junior Modern Greek 3
Credit points: 6
Session: Semester 1 Classes: 1x1-hr lecture/week, 2x1-hr language tutorials/week, 1x1-hr tutorial/week commencing week 2
Prerequisites: Modern Greek Continuers or Modern Greek Extension
Prohibitions: MGRK1101, MGRK1501, MGRK1401
Assessment: 6xwritten tasks (equivalent to 1000wd total) (30%), 1x1-hr exam (equivalent to 800wd total) (20%), 1x1400wd short essay (35%), 1xtake home test (equivalent to 600wd) (15%)

This unit revises and consolidates the main structures of Greek grammar and syntax and provides an overview of recent Greek history. The language component focuses on developing reading and writing skills by introducing students to the essential morphological structure of the Greek language. The history component offers an insight to some of the most important issues of Greek history since the enlightenment.

Textbooks
Supplied through the department

MGRK1622
Junior Modern Greek 4
Credit points: 6
Session: Semester 2 Classes: 1x1-hr lecture/week, 2x1-hr language tutorials/week, 1x1-hr tutorial/week commencing week 2
Prerequisites: MGRK1621 or MGRK1401
Prohibitions: MGRK1101, MGRK1102, MGRK1402
Assessment: 6xwritten tasks (equivalent to 1000wd total) (30%), 1x1hr final exam (equivalent to 1000wd) (20%), 1x1400wd short essay (35%), 1xtake home test (equivalent to 600wd) (15%)

This unit is a continuation of MGRK1621. Enrolment into this unit without completion of MGRK1621 is possible after consultation with the chair of the department.

MGRK2501
Senior Modern Greek 1
Credit points: 6
Session: Semester 1 Classes: 2x1-hr language tutorials/week, 2x1-hr practicals/week commencing week 2
Prerequisites: MGRK1102 or MGRK1602
Prohibitions: MGRK1501, MGRK2001
Assessment: 2xtests (equivalent to 800wd total) (20%), 3xquizzes (equivalent to 400wd total) (10%), 5xcompositions (equivalent to 1200wd total) (30%), 2xoral presentations (equivalent to 400wd total) (10%), 1xoral test (equivalent to 400wd) (10%), 1x1hr exam (equivalent to 1000wd) (20%)

The core of this unit is practical language segments aimed particularly at developing skills of listening, speaking and writing. It also provides introductory lectures on the history and culture of speakers of Greek in the post-classical world. Political and social developments described in lectures will be linked to the reading of texts; some in Greek, illustrating how Greek culture and literature have reacted to historical change and ideological repositioning.

Textbooks
Supplied through the department

MGRK2602
Senior Modern Greek 2
Credit points: 6
Session: Semester 2 Classes: 2x1-hr language tutorials/week, 2x1-hr practicals/week commencing week 2
Prerequisites: MGRK2001 or MGRK2601
Prohibitions: MGRK1502, MGRK2002
Assessment: 2xtests (equivalent to 800wd total) (20%), 3xquizzes (equivalent to 400wd total) (10%), 5xcompositions (equivalent to 1200wd total) (30%), 2xoral presentations (equivalent to 400wd total) (10%), 1xoral test (equivalent to 400wd) (10%), 1x1hr exam (equivalent to 1000wd) (20%)

This unit is a continuation of MGRK2601, and builds upon the knowledge and skills acquired during Semester 1.

Textbooks
Supplied through the department

MGRK2603
Style and Expression
Credit points: 6
Session: Semester 2 Classes: 1x1-hr lecture/week, 2x1-hr tutorials/week commencing week 2
Prerequisites: MGRK1402 or MGRK1622 or MGRK2002 or MGRK2602
Prohibitions: MGRK2203
Assessment: 4xcompositions (equivalent to 1500wds total) (30%), 4xexercises (equivalent to 1500wds total) (30%), 1xtake home exam (equivalent to 1500wd) (40%)

The unit builds on the structures analysed in MGRK1622 and MGRK2602. Its particular purpose is to develop students’ ability to write substantial continuous passages of Greek, concentrating on different methods for the effective building of clauses into sentences and sentences into paragraphs.

Textbooks
Supplied through the department

MGRK2605
Theory and Practice of Translation B
Credit points: 6
Session: Semester 2 Classes: 1x1-hr lecture/week, 2x1-hr tutorials/week commencing week 2
Prerequisites: MGRK1202 or MGRK1402 or MGRK1622 or MGRK2002 or MGRK2602
Prohibitions: MGRK3211
Assessment: 2xassignments (1000wd total) (20%), 2xclass tests (equivalent to 2000wd total) (50%), 1x1000wd essay (30%)

This unit focuses on translation from English to Greek. Its main focus is the study of translating strategies of specialised texts and explains changes in their structure. Students are expected to learn how translation works as a semantic transition from one language to the other and be able to understand the necessary changes they must introduce during the translation process in order to make the text semantically functional in Greek.

MGRK2622
The Other Road to Greek Modernity
Credit points: 6
Session: Semester 2 Classes: 1x1-hr tutorial/week, 1x1-hr tutorial/week commencing week 2
Prerequisites: At least 18 junior credit points from Table A of the table of units of study, of which 12 credit points are from one subject
Prohibitions: MGRK2501
Assessment: 1xclass presentation (equivalent to 1000wd) (20%), 1x3000wd essay (45%), 1xtake home exam (equivalent to 2000wd) (35%)

This unit examines attempts to modernise Greek Literature at the beginning of the 20th century by C.P. 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.

MGRK2655
Modern Greek Art
Credit points: 6
Session: Semester 1 Classes: 1x1-hr lecture/week, 1x1-hr tutorial/week commencing week 2
Prerequisites: At least 18 junior credit points from Table A of the table of units of study, of which 12 credit points are from one subject
Prohibitions: MGRK2506
Assessment: 1xclass presentation (equivalent to 1000wd) (20%), 1x3000wd essay (45%), 1xtake home exam (equivalent to 2000wd) (35%)

What happened to Greek artists after the Fall of Constantinople in 1453? Did they all become cultural refugees, like El Greco and created their masterpieces in other cultures? But then what happened to all
those who stayed behind and established the modern Greek state in 1821. This unit examines the development and the physiognomy of modern Greek art from the establishment of the Modern Greek state to this day. Movements, individual artists and theorists are discussed in their chronological sequence and contextualised within the framework of Greek society.

MGRK2675
New Testament Greek and its World A
Credit points: 6 Session: Semester 1 Classes: 1x1-hr lecture/week, 2x1-hr tutorials/week commencing week 2 Prerequisites: Credit or above in MGRK1402 or MGRK1622 or MGRK2601 or MGRK2602 or MGRK2603. Prohibitions: MGRK1402. Assessment: 1x2000wd written paper (60%), 1x2000wd essay (30%), 1x2000wd essay (40%), 1xtake home exam (equivalent to 1500wd) (20%). Note: Department permission required for enrolment.

This unit explores, by means of language, the world, the ideas and the formation of the New Testament as the foundation book of Christian tradition. Language becomes the starting point for the structural analysis of the various books comprising the New Testament and for the close reading in their meaning. It also raises issues of translation and interpretation which were crucial for the establishment of major Christian doctrines and ethical values in different cultures. Finally, it offers a thorough examination of critical discussions about the continuing influences of the New Testament and investigates the discipline of New Testament studies in the beginning of the 21st century.

MGRK2691
Sociolinguistics in the Greek Diaspora
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 1x1-hr tutorial/week commencing week 2 Prerequisites: Credit or above in MGRK1402 or MGRK1622 or MGRK2601 or MGRK2602 or MGRK2603. Prohibitions: MGRK1402. Assessment: 2xpresentations (1500wd total) (30%), 1x2000wd essay (30%), 1xtake home exam (equivalent to 2500wd) (40%). Note: Department permission required for enrolment.

This unit will examine Greek bilingualism from a historical and sociolinguistic perspective, including a brief comparative study of Katharevousa, its phonetics, morphology and syntax. This unit will also look at sociolinguistic aspects of bilingualism in relation to Greeks of the Diaspora.

Textbooks
Supplied through the department

MGRK3633
Greekness and Hellenism
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 1x1-hr seminar/week Prerequisites: MGRK1621 or MGRK2601 Prohibitions: MGRK2503. Assessment: 1x2500wd essay (40%), 1xtake home exam (equivalent to 2500wd) (40%), 1xpresentation (equivalent to 1000wd) (20%).

How did the Greeks deal with their long and varied past? Are they Greeks, Romioi or Hellenes? This unit will critically examine the major perceptions of the Greek cultural identity put forward by 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 explore their relevance to the Greek Australian experience.

Textbooks
Supplied through the department
Music

MUSC1501
Concepts of Music
Credit points: 6 Session: Semester 1 Classes: 2 hour lecture & 1 tutorial/wk
Prerequisites: At least 67% in the NSW HSC Music 2 or Music Extension, IB High Level Music or the equivalent skills as determined by the Chair of Unit
Prohibitions: MUSC1503, MUSC1504, MUSC2693
Assessment: Seven composition exercises (60%), two aural tests plus class work assessment in weekly aural tutorials (40%).

Note: The Arts Music Unit holds a diagnostic test in the week before Semester 1 begins for those students who have not passed the prescribed HSC courses yet believe they have the equivalent aural and harmonic skills to attend Concepts of Music. Please contact the Unit for details by mid February.

Research-based analysis of fundamental compositional concepts in a wide range of Western and non-Western musical styles (classical, popular, traditional, etc.) in order to complete set exercises in musical composition, complemented by integrated aural tutorials. The course will focus on aspects of melody, harmony and rhythm. All exercises are to be presented in neat, hand-written notation in book format.

MUSC1503
Fundamentals of Music I
Credit points: 6 Session: Semester 1, Semester 2 Classes: 1hr lecture and 2x 1hr tutorials (aural and written)/wk. Prohibitions: MUSC1501, MUSC2693
Assessment: Written and online music theory assessment (30%), aural assessment (20%), attendance and participation (10%), exam (40%).

An introduction to basic music literacy skills, including learning to read and write music, and an understanding of fundamental aspects of its structure and composition. The material covered in this unit of study concentrates upon the basics of music theory and listening to ensure that participants have a solid grounding for a firm understanding of music notation and organisation.

MUSC1504
Fundamentals of Music II
Credit points: 6 Session: Semester 2 Classes: 1hr lecture and 2x 1hr tutorials (aural & written)/wk. Prohibitions: MUSC1501 Assumed knowledge: Material covered in MUSC1503. Students interested in taking this unit who have not completed MUSC1503 are advised to see the co-ordinator beforehand to ascertain that they have the required knowledge. Assessment: Written and online music theory assessment including final exam (60%), aural assessment including final exam (30%), attendance and participation (10%).

A more advanced exploration of music literacy skills. The material covered in this course ranges from the broad to the specific: from an examination of musical elements and the way they are used in a variety of musical genres through to specific compositional aspects such as four-part writing or analysis of melodic writing across musical cultures. Listening skills are developed in this unit of study.

MUSC1506
Music in Western Culture
Credit points: 6 Session: Semester 2 Classes: 2hr lecture and 1 hr tut/wk
Assumed knowledge: The ability to follow a musical score while listening to the music and some prior knowledge of elementary music theory. Assessment: Tutorial work (40%), 2000 word essay (40%), 60 minute exam (20%)

An historical study of Western music from the Classical Greeks to the present day focussing upon the problems of canon formation and the impact of music notation upon musical performance and composition throughout the ages. Analytical study of a number of works by major composers shows how musical meaning is constructed in relation to the development of tonality and other stylistic conventions.

MUSC1507
Sounds, Screens, Speakers: Music & Media
Credit points: 6 Session: Semester 1 Classes: 2hr lecture and 1 tut/wk
Assessment: Two 1,000 word assignments (2x25%); one 500 word test (10%); one 2,000 word assignment (30%); attendance and participation (10%).

Music has been dramatically shaped and reshaped by every major change in communications technology in the 20th century from vinyl discs to MP3s. In this unit of study we will analyse such issues as the ways in which the early recording industry transformed jazz, the blues and country music, how the presentation of music on radio and television changed how the music industry created new musical celebrities, and the challenges the music industry faces as digital technology transforms the creation, distribution and consumption of music.

MUSC2612
Arts Music Concert Performance 1
Credit points: 6 Session: Semester 1 Classes: 2 x 2 hr tutorials/week
Prerequisites: 10 junior credit points, AND audition (contact the Unit one week before semester begins). Assessment: 40 minute concert performance (repertoire not to be counted in any other performance course) (55%); Attendance at relevant classes, concerts and tutorials (10%); Programme notes (750 words) (20%); Tutorial presentation (15%).

Note: Department permission required for enrolment.

Performance on any instrument, in any style (classical, jazz, pop, traditional etc.) in lunch-time concerts in the Great Hall and the Old Darlington School. Students receive a written report, an advisory interview after each concert, peer student critiques and corrections to programme notes (all of which are meant to develop a scholarly, analytical research basis towards the practical performance of music). It is advised that MUSC2612 and MUSC2613 be taken over two consecutive semesters.

MUSC2613
Arts Music Concert Performance 2
Credit points: 6 Session: Semester 2 Classes: 2 x 2 hr tutorials/week
Prerequisites: MUSC2612 Assessment: 45 minute concert performance (repertoire not to be counted in any other performance course) (55%); Attendance at relevant classes, concerts and tutorials (10%); Programme notes (850 words) (20%); Tutorial presentation (15%).

Performance on any instrument, in any style (classical, jazz, pop, traditional etc.) in lunch-time concerts in the Great Hall and the Old Darlington School. Students receive a written report, an advisory interview after each concert, peer student critiques and corrections to programme notes (all of which are meant to develop a scholarly, analytical research basis towards the practical performance of music). It is advised that MUSC2612 and MUSC2613 be taken over two consecutive semesters.

MUSC2614
Composition Workshop 1
Credit points: 6 Session: Semester 1 Classes: 2 hour workshop/week
Prerequisites: 12 junior credit points in music or with permission from the co-ordinator. Assessment: Attendance and participation in classes and concerts (35%), composition portfolio and process diary (40%), aural and/or written presentations (10%)

A forum in which students are given an opportunity in a supervised environment to hear their original compositions rehearsed and performed, usually by other participating students. The workshops may be themed around particular genres and musical techniques which vary from semester to semester, eg. music theatre; drone-based compositions; song-writing; sound and rhythm; creating a sound space; media composition etc. The workshop encourages public performance term concerts of new music composed by workshop participants and acts as a forum for lectures from visiting composers and other music industry specialists.

MUSC2615
Advanced Concepts
Credit points: 6 Session: Semester 2 Classes: 2 hour lecture & 1 tutorial/week
Prerequisites: MUSC1501 or MUSC1504 or MUSC2693 Assessment: Six composition exercises (60%), two aural tests plus class work assessment in tutorials (40%).

This unit of study is one possible prerequisite for MUSC4011 Music Honours A. Analysis of 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.
MUSC2631
Music and Everyday Life
Credit points: 6 Session: Semester 1 Classes: 2 hour lecture/week
Prerequisites: 12 junior music credit points or MUSC2693 Assessment: Fieldwork project paper (4000 words) (40%); ethnographic description of a musical event (1000 words) (25%); critical response paper (1000 words) (25%); class presentations and participation (10%).
Note: Students will normally have completed either MUSC1501 Concepts of Music or MUSC1504 Fundamentals of Music I or MUSC2693 Advanced Fundamentals of Music.

This unit is a prerequisite for MUSC4011 Music Honours A (for BA Hons in Music). What can we learn from non-textual approaches to understanding music? The primary goal of this unit of study is to study music not as a composer, producer, performer, listener or audience member, but as an ethnographer. That is, analysing music through an observational, experiential and intellectual understanding of how people make and take meaning from music.

MUSC2651
Re-presenting Australia in Music
Credit points: 6 Session: Semester 1 Classes: 2 hour lecture and 1 hr tut/week Prerequisites: 18 junior credit points Assumed knowledge: An ability to read music at a basic level and an understanding of fundamental musical terminology would be an advantage in this unit of study but is not essential. Assessment: One 3000 word essay, or individual project (60%); a listening test 752 words (15%); 3 on-line quizzes (15%); attendance and participation (10%)

This unit of study is concerned with how Australian music reflects, and may, to some extent, shape our national identity. We will ask how Australia sounds itself as a nation. What stories about ourselves does our music tell? What are the characteristics of Australian music that are different and unique? How does our music situate Australians in a globalised community?

MUSC2673
Introduction to Digital Music Techniques
Credit points: 6 Session: Semester 1 Classes: 3 hr lecture/demonstration/week Prerequisites: 18 junior credit points Assessment: Sound recording and editing assignment (40%); creative assignments (40%); class presentation, online assessments, attendance and participation (20%).

Note: An ability to read music at a basic level and an understanding of fundamental musical terminology as covered in MUSC2699 is an advantage in this unit of study but is not essential.

This unit is an introduction to the use of digital sound and music in creative and multimedia contexts. It is a practical course in which students are introduced to tools of sound creation and manipulation. Students will undertake creative projects as a means to approach learning. In addition, participants will be exposed to a number of approaches to electroacoustic music creation across the 20th and 21st centuries.

MUSC2663
Survey of Film Music
Credit points: 6 Session: Semester 2 Classes: 2 hour lecture and 1 hour tut/week Prerequisites: 18 junior credit points Assessment: Review assignments 2,000 wd (30%); final paper 2,500 wd (50%); participation (20%).

This unit is an introductory survey of the history and aesthetics of film music from the late 1890s to the present day. Topics for discussion will include the dramatic function of music as an element of cinematic narrative, the codification of musical iconography in cinematic genres, the symbolic use of pre-existing music, and the evolving musical styles of film composers.

MUSC2664
Popular Music and the Moving Image
Credit points: 6 Session: Semester 1 Classes: 1 hr lecture, 1 hr tut/week Prerequisites: 18 junior credit points Prohibitions: MUSC2662 Assessment: Musical analysis (20%), industrial critique (20%), Listening and viewing test (20%), Final Project 3,000 wd (30%), Participation (10%).

The range of media channels through which we experience popular music has proliferated in recent years. The emotive power of music is used to tell stories, sell products and connect people to one another. This unit of study will analyse the use of popular music in a broad range of multimedia forms from film and television to video games and the use of digital media to disseminate a multitude of musical multimedia productions.

MUSC2685
Music of Bach
Credit points: 6 Session: Semester 1 Classes: 2 hr lecture and 1 hr tut/week Prerequisites: 12 junior music credit points or MUSC2693, or with the permission of the coordinator Assessment: 2 listening tests equivalent to 500 words (20%), 2 essays 2,000 words each (70%), attendance and tutorial participation (10%)

This course will study the life and works of J.S.Bach. Detailed analysis of a selected number of Bach's compositions, as well as those of his sons, will be combined with a study of the musical culture in which they worked and lived. Reception, performance practice issues (including embellishment), transcriptions (by Bach and others) will also be studied.

MUSC2693
Advanced Fundamentals of Music
Credit points: 6 Session: Semester 1 Classes: 2 hr lect/wk and 1 hr tut/week Prerequisites: MUSC1504 or advanced music theory qualifications (eg Grade 6 musicianship, IB high level music). Prohibitions: MUSC1501, MUSC2615 Assessment: Material covered in MUSC1504 Fundamentals of Music 2 Assessment: 7 compositional exercises (sometimes subdivided into smaller components); 3 aural tests (100%).

Research-based analysis of fundamental compositional concepts in a wide range of Western and Non-Western musical styles (classical, popular, traditional, etc.) in order to complete set exercises in musical composition, complemented by integrated aural tutorials. The course will focus on aspects of melody, harmony and rhythm. All exercises are to be presented in neat, hand-written notation in book format.

MUSC2699
The Language of Music
Credit points: 6 Session: Semester 1 Classes: 2 hr lecture, 1 hr tut/week Prerequisites: 18 junior credit points Prohibitions: MUSC1501, MUSC1503, MUSC1504, MUSC2611, MUSC2693, JAZZ1621, MCGY1008 Assessment: Exam (35%), tutorial and online assessment (35%), two in-class listening tests (20%), attendance and participation (10%)

This unit of study is designed for students who wish to obtain a firm grasp of technical terms used to describe music. Basic music notation and aural (listening) skills will also form part of this unit of study. It is appropriate for senior level students who may wish to undertake other music units of study and contribute to these with a solid and informed understanding of musical terminology.

MUSC3604
Arts Music Concert Performance 3
Credit points: 6 Session: Semester 1 Classes: 2 x 2 hr tutorials/week Prerequisites: MUSC2613 Assessment: 50 minute concert performance (repertoire not to be counted in any other performance course) (55%); Attendance at relevant classes, concerts and tutorials (10%); Programme notes (1,000 words) (20%); Tutorial presentation (15%).

Advanced performance on any instrument in any style (classical, jazz, pop, traditional, etc.) in lunch-time concerts in the Great Hall, and the Old Darlington School. Students receive a written report, an advisory interview after each concert, peer student critiques and corrections to programme notes (all of which are meant to develop a scholarly, analytical research basis towards the practical performance of music). It is advised that MUSC3604 and MUSC3605 be taken over two consecutive semesters.

MUSC3605
Arts Music Concert Performance 4
Credit points: 6 Session: Semester 2 Classes: 2 x 2 hr tutorials/week Prerequisites: MUSC3604 Assessment: 55 minute concert performance (repertoire not to be counted in any other performance course) (55%); Attendance at relevant classes, concerts and tutorials (10%); Programme notes (1,200 words) (20%); Tutorial presentation (15%).
Advanced performance on any instrument, in any style (classical, jazz, pop, traditional etc.) in lunch-time concerts in the Great Hall, and the Old Darlington School. Students receive a written report, an advisory interview after each concert, peer student critiques and corrections to programme notes (all of which are meant to develop a scholarly, analytical research basis towards the practical performance of music). It is advised that MUSC3604 and MUSC3605 be taken over two consecutive semesters.

MUSC3609
Musicology
Credit points: 6 Session: Semester 2 Classes: 2 hr seminar week Prerequisites: 12 junior credit points in music, or by arrangement with the coordinator Assessment: Written assessments (50%) weekly summaries of readings (30%), participation (20%)
Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.

What do we study when we study music? What kinds of stories do we tell about the history of music? What are the central issues, questions, and concerns that drive the study of music? This unit of study will begin to answer these questions and provide an overview of historical musicology as an academic discipline. In addition, students will also learn and practice the research skills necessary to find and evaluate sources, and to define and develop an area of interest. These skills will provide a solid foundation for the independent research work necessary in the Honours year.

MUSC3611
Composition Workshop 2
Credit points: 6 Session: Semester 1 Classes: 2 hr workshop/week Prerequisites: MUSC2614 Assessment: Attendance and participation in classes and concerts (30%); composition portfolio and process diary (60%); aural and/or written presentations (10%)
In this unit of study, students will further develop their skills in music composition under the instruction of the co-ordinator. Students will build upon compositional skills and structures explored in MUSC2614, at a higher level. The workshop encourages public performance term concerts of new music composed by workshop participants.

MUSC3622
Musical Alchemy
Credit points: 6 Session: Semester 2 Classes: 2hr lecture and 1hr tut/week Prerequisites: 18 junior credit points Assessment: Tutorial paper (30%); Essay 2,000 wd (40%); Listening test (30%)
Arrangements, covers, remixes, transcriptions, reworkings, recycling, borrowing: the history of reusing existing material to create new music is one that can be traced from the medieval period to the present day. This unit of study will examine the variety of approaches taken to creative transformation in music by composers and musicians in various musical traditions in high art and popular music genres. Ability to read music notation is required.

MUSC3639
Music Journalism
Credit points: 6 Session: Semester 1 Classes: 1 hr lecture, 1 hr tut/week Prerequisites: 18 junior credit points Assessment: Exercises in music journalism and reviewing 4,000 wd (50%), final paper 2,000 wd (30%), participation (20%)
Even as the ‘Age of Newspapers’ seems to be coming to an end, human beings’ need for authoritative commentary on music remains as strong as ever. Along with surveying the history of music journalism from the early eighteenth century up to the present day, this unit of study offers participants the chance to try their hands at various forms of music journalism.

MUSC3640
Rhythms and Sounds of Latin America
Credit points: 6 Session: Semester 2 Classes: 2 hr lecture, 1 hr tut/week Prerequisites: 18 junior credit points Assessment: Essay 2,500 wd or creative project with reflective statement (50%), Listening assessment (20%), Exam (30%)
Latin American music has become a powerful force in today’s music industry, but its rich diversity and cultural contexts are not always acknowledged. This unit of study surveys a number of Latin American popular, folk and indigenous musical traditions in terms of their cultural milieu and historical development. Various musical, historical and cultural concerns are examined with a practical and creative involvement with these styles. Particular emphasis will be placed on the compositional characteristics and the repertoire pertinent to these traditions.

MUSC3699
Understanding Music: Modes of Hearing
Credit points: 6 Session: Semester 2 Classes: 2 hr lecture, 1 hr tut/week Prerequisites: 18 junior credit points Assessment: Analyses eq. 1,500 words (30%), final paper 3,000 words (50%), tutorial participation (20%)
This unit of study deals with the different ways in which we comprehend music and with the different ways in which that comprehension might be explained. It deals with modes of hearing and musical analysis for the purpose of leading students towards a deeper knowledge of how music in various genres (ranging from the classical mainstream to the twentieth-century avant-garde, from Tin Pan Alley songs to punk rock and hip-hop) is understood. A good working knowledge of musical terminology and vocabulary is required.

MUSC2810
Music Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

MUSC2812
Music Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

MUSC2813
Music Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

MUSC4011
Music Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: 2 hr Dissertation Seminar/week, plus fortnightly supervision Prerequisites: Credit results in MUSC3609, and either MUSC2631 or MUSC2615, plus a Music Major with credit average results in 36 senior music credit points. Assessment: 15,000 - 20,000 word thesis which may include a creative component equivalent to 6000 words (50%); Dissertation Seminar (20%); 12 credit points in Arts or Music units of study (30%). Note: Department permission required for enrolment.

The Honours BA in Music is both a completion at a high standard of an academic education in music, and a preparation for postgraduate study in music. Intending Honours students should speak to the Honours co-coordinator before enrolling. Honours requirements are: A dissertation on a topic agreed with the course coordinator, but normally negotiated by the end of the previous year in the course of MUSC3609 Musicology. A research-based creative component (performance, composition, curation) equivalent to up to 6000 words may, with permission of the supervisor, be included as an integral part of the dissertation, and a further 12 credit points in Arts or Music (subject to approval).

MUSC4012
Music Honours B
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: MUSC4011 Refer to MUSC4011

MUSC4013
Music Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: MUSC4012
Refer to MUSC4011

MUSC4014
Music Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: MUSC4013
Refer to MUSC4011

Pali
No major available.

PALL1001 Pali A
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Assessment: 3x1000wd class tests (32%), 1x oral recitation (8%), class participation (10%), 1x2-hr exam (50%)
Pali is a major canonical language of Buddhism. The scriptures of the Theravada School of Buddhism, which represent the oldest Buddhist writings preserved in an Indic language, are in Pali as are the commentaries and historical literature of the School. This unit will provide a grounding in the language and enable the student to read simple texts in Pali.

PALL1002 Pali B
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: PALL1001 Assessment: 3x1000wd class tests (32%), 1x oral recitation (8%), class participation (10%), 1x2hr exam (50%)
This unit is an extension of Pali A. By the end of the unit, students will have completed Pali grammar and be in a position to read both scriptures and commentaries.

Peace and Conflict Studies
No major available.

PACS2002 History and Politics of War and Peace
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x1hr tutorial/week commencing week 2. Prerequisites: 18 junior credit points, of which 6 must normally be in either HSTY, GOVT, SCLG or LAWS Assessment: tutorial attendance and oral presentation made to the tutorial as part of a group (10%), 1x1500wd tutorial exercise (30%), 1x2000wd essay (40%) and 1x1hr 1000wd in-class exam (20%)
Note: this unit is taught jointly with the Department of History and can be counted towards a History major.
International history is often constructed on a chronology based on the incidence of war. In turn, this serves to normalise the idea of war and armed conflict in understanding the past. This unit will scrutinise these methodological presumptions by examining international history since the start of the nineteenth century with a focus on peacemaking and on the evaluation of local, national, and international efforts to limit armed conflict and to promote peace and reconciliation.
Textbooks reader to be available at the Copy Centre

Performance Studies

PRFM2601 Being There: Theories of Performance
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week Prerequisites: 18 junior credit points in no more than two subject areas including at least 12 from Table A. Prohibitions: PRFM2001 Assessment: 1x1500wd take home exam (30%), 1x1000wd mid-semester essay (25%), tutorial assignment (15%) and continuous assessment (30%)
What is performance, and how can we understand what it is that performance does? This unit of study will introduce students to the study of performance, and the particular problems associated with approaching a phenomenon that is often ephemeral, experiential in nature, and frequently shrouded in mystery. Students will learn key theoretical and methodological approaches to the study and practice of a range of performance genres, including, but not limited to theatre and other artistic practices.
Textbooks Selected readings available from the University Copy Centre

PRFM2602 Performance: Production & Interpretation
Credit points: 6 Session: Semester 1, Summer Late Classes: 1x1-hr lecture/week, 1x2-hr tutorial/week Prerequisites: 18 junior credit points in no more than two subject areas including at least 12 from Table A. Prohibitions: PRFM2002 Assessment: 1x750wd brief semiotic analysis of a poster/flyer advertising a theatre performance and description/analysis of a moment from the actual performance (20%), 1x1250wd tutor oral essay (with an appendix of brief homework tasks/research notes) arising from a performance-making exercise in workshops (30%), 1x2500wd completed performance analysis essay, including a reflective commentary on methodology (50%). Practical field work: Students will undertake some workshop exercises in their 'tutorials' and will attend professional theatre productions outside class times.
How do the members of an audience make meaning from their experience of theatrical performance? How (and to what extent) can theatre-makers guide this process through the use of text, movement, spatial design, costuming, lighting, sound and other production elements? In this unit of study, students will attend events at a number of Sydney theatres and develop a critical language for analysing live performance. Practical workshops will also provide an introduction to theatre production techniques.

PRFM2603 Between Impro & Text: Making Performance
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 1x2-hr tutorial/week Prerequisites: 18 junior credit points in no more than two subject areas including at least 12 from Table A. Prohibitions: PRFM3005 Assessment: 1x1200-1500wd tutor oral essay related to group performance work (40%), 1x2500wd essay on rehearsal practices (50%), continuous assessment and formative tasks (10%)
Some performances seem firmly text-based (a David Williamson play; the libretto/score of a Wagnerian opera). Others involve more or less spontaneous "composition-in-performance" (Commedia dell’Arte, Theatresports, “free jazz”). Yet, whatever the form, performance is always the thing you get when skilled artists "assume a responsibility to an audience and to tradition as they understand it” (Dell Hymes). In this unit, we analyse the interactions between literary and primarily oral traditions of performance, questioning assumptions about the historical primacy of texts.
Textbooks Selected readings available from the University Copy Centre

PRFM3603 Playing Politics
Credit points: 6 Session: Semester 1 Classes: 1x3-hr seminar/week Prerequisites: (PRFM2601 and PRFM2602) or (PRFM2001 and PRFM2002) Prohibitions: PRFM3015, PRFM3026 Assessment: 1x500wd equivalent tutorial and reading tasks (10%), 1x2000wd essay (50%), 1x2500wd contribution towards a group research dossier (40%)
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 the way protest actions and, indeed, mainstream processes of parliamentary democracy appear to have become increasingly theatricalised.

Textbooks
Selected readings available from the University Copy Centre

PRFM3604
Embodied Histories
Credit points: 6 Session: Semester 1 Classes: 1x2-hr seminar/week (weeks 1 - 5) and 1x4-hr seminar/week (weeks 6 - 13) Prerequisites: (PRFM2601 and PRFM2602) or (PRFM2001 and PRFM2002) Prohibitions: PRFM3021 Assessment: 1x1000wd essay (40%), 1x3500wd essay (60%) Practical field work: 2 hour workshop - weeks 6 to 13 only

Can we investigate and understand historical moments and social movements through a study of dancing bodies? In this unit we will be looking at popular dance practices in western cultures over time. From the Charleston, the Lindy and Jive, through musical comedy and jazz, to gogo, disco and hip hop we will develop an understanding of the relationship between movement, music, time and place. This will be done through a combination of observation and practical participation. No previous dance training is required.

Textbooks
Selected readings available from the University Copy Centre

PRFM3605
Cross-Cultural and Hybrid Performance
Credit points: 6 Session: Semester 2 Classes: 1x3-hr seminar/week Prerequisites: (PRFM2601 and PRFM2602) or (PRFM2001 and PRFM2002) Prohibitions: PRFM3023, PRFM3028 Assessment: 1x group tutorial presentation (25%), 1x1000wd tutorial paper (30%), 1x3000wd essay (45%)

This unit will analyse the development of cross-cultural and hybrid performance in Australia, Britain and the United States. Concentrating on a range of Indigenous and non-Indigenous performance practices - football mascots, contemporary dance, pop music and text based theatre - we will utilise postcolonial theories, as applied to performance, to explore diverse understandings of innovation and appropriation, ownership and copyright in colonial and post-colonial societies since the 1950s.

Textbooks
Selected readings available from the University Copy Centre

PRFM3606
Approaches to Acting
Credit points: 6 Session: Semester 1 Classes: 1x3-hr seminar/week Prerequisites: 18 junior credit points in no more than two subject areas including at least 12 from Part A of the Table of Units of Study Prohibitions: PRFM3022 Assessment: 1x2500wd essay (40%), 1x group presentation (20%), 1x1000wd write-up (20%), 6x80-100wd interlocutions (10%) 1x500wd formative literature summary (10%)

All theories of acting are grounded in implicit theories about the human self: to Stanislavsky, for example, the self is a repository of memories; while for Meyerhold, the self is a biomechanical resource. We will survey - and experiment with - a range of theories of acting, from Quintillian to Mamet, Zeami to Suzuki, uncovering the assumptions about human being underlying each. The unit involves a workshop component, although no experience is necessary: you will not be assessed on your acting ability.

Textbooks
A course reader will be available from the University Copy Centre

PRFM3620
Performance Production Internship
Credit points: 6 Session: Semester 1, Semester 2 Prerequisites: (PRFM2601 and PRFM2602) or (PRFM2001 and PRFM2002) Assessment: 1x evaluation of internship (40%), 1x4000wd reflective journal (60%) and completion of Seymour Centre Internship Practical field work: 40-hrs of work placement Note: Department permission required for enrolment.

This internship consists of a work placement comprising 40 working hours at the Seymour Centre, assisted and supervised by both the Centre staff and the department. During the placement students will experience different facets of the operation of a major arts centre. Roles may include lighting, sound, stage management, administration or marketing. Following their internships students will be required to complete a journal that analyses and contextualises their experience.

PRFM3961
Rehearsal Studies
Credit points: 6 Session: Semester 1 Classes: 1x3-hr seminar/week Prerequisites: Credit results in either (PRFM2601 and PRFM2602) or (PRFM2001 and PRFM2002) Corequisites: PRFM3962 and sufficient units for a major in Performance Studies Assessment: 1x3000wd essay (60%), 1x1500wd tutorial workbook (30%), preparation for seminar discussions (10%) Practical field work: Full-time attendance for 2 weeks in the mid-year break Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.

This unit of study is structured around a performance project involving professional actors and a director. Students observe and analyse a rehearsal process, which will take place during the mid year break. In this unit, the theoretical and methodological groundwork is laid: accounts of rehearsal by participants and observers, ethnographic theory, video recordings of rehearsal, prompt books and other materials are examined with a view to establishing an appropriate level of awareness of the task and a methodological approach.

Textbooks
Course Reader

PRFM3962
Rehearsal to Performance
Credit points: 6 Session: Semester 2 Classes: 1x3-hr seminar for six weeks Prerequisites: (Credit results in PRFM2601 and PRFM2602) or (credit results in PRFM2001 and PRFM2002) Corequisites: PRFM3961 and sufficient units for a major in Performance Studies Assessment: 1x4500wd casebook of rehearsal process (100%) Practical field work: Full-time attendance at rehearsals of a performance project during 2 weeks of July mid-year break Note: This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.

In the July break students observe professional actors and directors in rehearsal, they document and record the process with a view to writing a casebook about it. The classes in the first part of the session provide an opportunity to unpack the experience, to undertake some analysis of the resulting performance, and to rethink the theoretical and methodological issues in light of the practical experience.

Textbooks
Course Reader

PRFM1801
Performance Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

Students enrolled at Sydney University who wish to take the equivalent of a 6 credit point junior unit of study in Performance Studies at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Chair of Department.

PRFM2805
Performance Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

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

PRFM2806
Performance Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.
Students enrolled at Sydney University who wish to take the equivalent of a 6 credit point senior unit of study in Performance Studies at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Chair of Department.

PRFM2810
Performance Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

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

PRFM2811
Performance Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

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

PRFM2812
Performance Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

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

PRFM4011
Performance Studies Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: 1x 2-hr seminar/week (Semester 1); Critical Theory and Performance, 1x 2-hr seminar/week (Semester 1); Contemporary Performance, 1x 2-hr seminar/week (Semesters 1 & 2); Research Methods/Group Supervision, 1x2-hr seminar (Semester 1, auditing only): Postgraduate Research Seminar, participant-observation fieldwork (equivalent to 4 weeks full-time), 1x1hr-2hrs/fortnight with thesis supervisor (Semester 2 only) Prerequisites: Credit results in PRFM3961 and PRFM3962 (or PRFM3901 and PRFM3902) and Credit average in a further 36 senior credit points of PRFM units Assessment: 1x12000-15000wd thesis (33.5%), 1x12000-15000wd casebook (based on participant-observation fieldwork) (33.5%), 2 seminars x 4500wds of written work or its equivalent per seminar (33%) Practical field work: Workshops and placement in a theatre company to observe a creative process in progress; group supervision meeting.
Note: Department permission required for enrolment.

The Honours program in Performance Studies consists of:
1. a 12000-15000 wd thesis written under the supervision of a member of the academic staff
2. a 12000-15000 wd casebook based on fieldwork observations of the training/rehearsal/preparation processes involved in a genre of cultural performance
3. two assessable coursework seminars - 4500 words each (Critical Theory and Performance and Contemporary Performance)
4. a research methods seminar (formative assessment only) and auditing of the departmental postgraduate/staff research seminar.
For more information, contact Dr Amanda Card, Honours Coordinator, or Dr Paul Dwyer, Chair of Department.

PRFM4012
Performance Studies Honours B
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: PRFM4011

Refer to PRFM4011

PRFM4013
Performance Studies Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: PRFM4012
Refer to PRFM4011

PRFM4014
Performance Studies Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: PRFM4013
Refer to PRFM4011

Philosophy

PHIL1011
Reality, Ethics and Beauty
Credit points: 6 Session: Semester 1 Classes: 1x2 hour lecture and 1x1 hour tutorial per week Prohibitions: PHIL1003, PHIL1004, PHIL1006, PHIL1008 Assessment: tutorial participation (10%), 1x2000 word essay (30%) and 1x2 hour exam (60%)

This unit is an introduction to central issues in metaphysics, ethics and aesthetics. It opens with general questions about reality, God, personal identity and free will. The middle section of the unit will consider questions about values, goodness and responsibility. The final part is concerned with the question "what is art", the nature of aesthetic judgment and the role of art in our lives.

Textbooks
Readings will be available from the University Copy Centre.

PHIL1012
Introductory Logic
Credit points: 6 Session: Semester 1, Summer Late Classes: 1x2 hour lecture and 1x1 hour tutorial per week Assessment: tutorial participation (10%), 2 assignments (40%) and 1x2 hour exam (50%)

An introduction to modern logic: the investigation of the laws of truth. One essential aspect of good reasoning or argumentation is that it is valid: it cannot lead from true premises to a false conclusion. In this course we learn how to identify and construct valid arguments, using techniques such as truth tables, models and truth trees. Apart from being a great aid to clear thinking about any subject, knowledge of logic is essential for understanding many areas not only of contemporary philosophy, but also linguistics, mathematics and computing.

PHIL1013
Society, Knowledge and Self
Credit points: 6 Session: Semester 2 Classes: 2x1 hour lectures and 1x1 hour tutorial per week Prohibitions: PHIL1010 Assessment: tutorial participation (10%), 1x2000 word essay (30%) and 1x2 hour exam (60%)

This unit is an introduction to central issues in political philosophy, theories of knowledge and philosophical conceptions of the self. The first part will consider the state, freedom and political obligation. The second part will examine some of the major theories of knowledge in the modern philosophical tradition. The final section will look at conceptions of the self as a knowing and acting subject.

Textbooks
Readings will be available from the Copy Centre

PHIL1016
Mind and Morality HSC
Credit points: 6 Session: Summer Main, Winter Main Note: This unit is available to HSC students only

If a robot told you that it was in pain, would you believe it? If it is wrong to kill animals, should we try to stop animals from killing each other? How do you know what the colour red looks like to your friends? What do these philosophical puzzles reveal about ourselves, our minds, and our responsibilities towards others? This one-unit HSC course focuses on contemporary disputes regarding the nature of the mind,
personal identity and ethics. As you engage with these issues, you will be introduced to the philosophical theories that underpin our notion of ourselves and our place in the world, and you will improve your ability to analyse and present complex ideas and arguments.

PHIL2600
Twentieth Century Philosophy
Credit points: 6 Session: Semester 2 Classes: 1x2 hour lecture and 1x1 hour tutorial per week  Prerequisites: 12 Junior credit points in Philosophy
Prohibitions: PHIL2000 Assessment: tutorial participation (10%), 1x2500 word essay (40%) and 1x2 hour exam (50%)

Main developments in philosophical thought in the twentieth century. Topics include: logical atomism; logical positivism and its attack on metaphysics; conceptual analysis; Quine, holism, behaviourism, and the overthrow of positivism; the resurgence of metaphysics; functionalism in the philosophy of mind; modal realism. Essential background for understanding how philosophy is done today in English-speaking countries.

Textbooks
Readings will be available from the University Copy Centre

PHIL2610
Exploring Nonclassical Logic
Credit points: 6 Session: Semester 1 Classes: 1x2 hour lecture and 1x1 hour tutorial per week  Prerequisites: PHIL1012 or PHIL2000 Assessment: tutorial participation (10%), 1x2500 word essay (40%), tutorial presentation (10%) and 1x2000 word take-home exam (50%)

Classical logic is what you study in introductory units such as PHIL1012. This unit covers major extensions of and alternatives to classical logic, such as temporal, modal, intuitionist, relevance, and many-valued logics. As well as looking at the internal workings of these logics, we examine some of their applications, and the philosophical issues surrounding them.

PHIL2615
Intermediate Logic
Credit points: 6 Session: Semester 2 Classes: 1x2 hour lecture and 1x1 hour tutorial per week  Prerequisites: 12 Junior credit points in Philosophy and PHIL1012 or PHIL2003 or PHIL2628 Assessment: PHIL2215, PHIL3215 Assessment: 1x2 hour exam (50%) and weekly exercises (50%)

The axiomatic approach to classical logic. The focus is on proofs of the main metalogical results - consistency, completeness, etc - for the propositional and predicate calculi.

PHIL2617
Practical Ethics
Credit points: 6 Session: Semester 1, Summer Late Classes: 1x2 hour lecture and 1x1 hour tutorial per week  Prerequisites: 12 Junior credit points in Philosophy and PHIL1012 Assessment: PHIL2517 Assessment: 1x2500 word essay (40%), tutorial participation (10%), tutorial presentation (10%) and 1x2000 word take-home exam (40%)

This unit draws on contemporary moral philosophy to shed light on some of the most pressing practical, ethical questions of our time, including euthanasia, abortion, surrogacy, censorship, animal rights, genetic testing and cloning and environmental ethics. By the end of the unit, students should have a good understanding of these practical ethical issues; and, more crucially, be equipped with the conceptual resources to think through new ethical questions and dilemmas as they arise in their personal and professional lives.

Textbooks
Readings will be available from the University Copy Centre

PHIL2618
Aesthetics and Art
Credit points: 6 Session: Semester 1 Classes: 1x2 hour lecture and 1x1 hour tutorial per week  Prerequisites: 12 Junior credit points in Philosophy
Prohibitions: PHIL2518 Assessment: 1x2500 word essay (50%) and 1x2000 word take-home exam (50%)

Why is art important to us? What is an aesthetic response to something? What is the relation between art and aesthetics? Is there such a thing as objective interpretation of an artwork? Or is it all a matter of taste? Should we believe in "the death of the author"? What is the relation between art and representation, expression and emotion? We shall discuss these and other questions (e.g. modernity, metaphor) from the perspective of an historical approach to the philosophical study of aesthetics and art.

Textbooks
Readings include Plato, Aristotle, Hume, Kant, Tostoy, Collingwood, Danto, Fried, and Cavell. These will be made available from the University Copy Centre.

PHIL2622
Reality, Time & Possibility: Metaphysics
Credit points: 6 Session: Semester 1 Classes: 1x2 hour lecture and 1x1 hour tutorial per week  Prerequisites: 12 Junior credit points in Philosophy Assessment: 1x1400 word essay (33%), 1x2000 word essay (45%) and 11 short multiple choice quizzes (22%)

This is a unit in metaphysics: the discipline that tells us about the nature of the world. The unit carries on from the Reality component of first year. We engage with questions like: What is time? What is space? What makes something a person? How much change can I undergo and still be me? Are objects four-dimensional space-time worms? Do the past or future exist, and could we travel to them? Are there numbers?

PHIL2623
Moral Psychology
Credit points: 6 Session: Semester 1, Winter Main Classes: 1x2-hour lecture/week, 1x1-hour tutorial/week  Prerequisites: 12 Junior credit points in Philosophy. Prohibitions: PHIL2513, PHIL3513 Assessment: 1x2500wd essay (50%) and 1x2000wd take-home exam (50%)

We go beyond the question of which actions are morally right to consider the following: How should we evaluate motives and emotions? Is anyone actually virtuous, or are we all weak-willed, self-deceived confabulators? Are any actions or persons evil? When should we feel guilty or ashamed? Should forgiveness be unconditional? Is morality the product of Darwinian natural selection, or of culture and learning? Is there any objective truth in morality, or are moral claims merely subjective or culturally relative?

Textbooks
Readings available from the University Copy Centre

PHIL2627
Philosophy and Psychiatry
Credit points: 6 Session: Semester 2 Classes: 1x2 hour lecture and 1x1 hour tutorial per week  Prerequisites: 12 Junior credit points in Philosophy. Prohibitions: PHIL2227 Assessment: 2x2250 word essays (100%)

Can the concept 'mental illness' be valid one? What might delusions tell us about the structure of the mind? What assumptions underlie attempts to classify mental disorder? Can we be justified in compelling people to submit to psychiatric treatment? This unit will examine philosophical questions raised by mental disorder and our attempts to understand/treat it, and will connect psychiatry to debates in philosophy such as the mind/body problem, the concept of a person, and the possibility of knowledge.

Textbooks
Readings will be available form the University Copy Centre

PHIL2629
Descartes and Continental Philosophy
Credit points: 6 Session: Semester 2 Classes: 1x2 hour lecture and 1x1 hour tutorial per week  Prerequisites: 12 Junior credit points in Philosophy Prohibitions: PHIL2004, PHIL3004 Assessment: 1x1000 word tutorial exercise (30%), 1x1000 word presentation (20%), 1x2500 word essay (50%)

Descartes is generally regarded as the founder of modern philosophy, and in this unit we look both at his own contribution, and at his influence on the subsequent course of philosophical thought in the work of Malebranche, Spinoza, and Leibniz. Just over half the unit will be devoted to Descartes' own thought, and we will look at the various stages in the development of his ideas. In the second half of the unit, we will examine the ideas of his successors on selected
Along the way we will grapple with scepticism, conspiracy theories and how to construct rationally persuasive arguments of our own. In politics, we will learn how to distinguish good from bad arguments, examining arguments drawn from diverse sources, including journalism, advertising, science, medicine, history, economics and politics, we will learn how to distinguish good from bad arguments, and how to construct rationally persuasive arguments of our own. Along the way we will grapple with scepticism, conspiracy theories and pseudoscience. The reasoning skills imparted by this unit make it invaluable not only for philosophy students but for every student at the University.

PHIL2643 Philosophy of Mind
Credit points: 6 Session: Semester 2 Classes: 1x2 hour lecture and 1x1 hour tutorial per week Prerequisites: 12 junior credit points in Philosophy
Prohibitions: PHIL2313, PHIL2314, PHIL2205 Assessment: 1x2500 word essay (60%) and 1x2000 word take-home exam (40%) 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.

PHIL2644 Critical Theory: From Marx to Foucault
Credit points: 6 Session: Semester 2 Classes: 1x2 hour lecture and 1x1 hour tutorial per week Prerequisites: 12 junior credit points Assessment: 1x2000 word essay (50%), 1x2000 word take-home exam (40%), 1x500 word tutorial paper (10%) The idea of critical theory emerged as an attempt to go beyond the alleged impasses of philosophy and actually challenge the world. This unit will consider various phases in the history of this project: from Marx, the Frankfurt School, to Foucault and Habermas. It will examine both the innovations and weaknesses of these various formulations in their historical context, as well as considering contemporary efforts to reanimate the idea of critical theory.

PHIL2645 Philosophy of Law
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 12 junior credit points in Philosophy
Prohibitions: PHIL2510, PHIL3510 Assessment: 1x2500wd essay (50%) and 1x2hr exam (50%) This unit looks at fundamental issues in the philosophy of law, including the role of law, civil liberties, legal obligation, punishment, responsibility and morality. It considers questions about whether or not a legal system is necessary, arguments for anarchy, and reasons for safeguarding freedoms from the force of law. It considers arguments for obedience to law, and seeks a moral justification of punishment. The discussion of practical issues in law leads to consideration of relation between law and morality.

PHIL2646 Philosophy and Literature
Credit points: 6 Session: Semester 1 Classes: 1x2 hour lecture per week Prerequisites: 12 junior credit points in Philosophy
Assessment: 1x2000 word essay (40%), 1x500 word tutorial paper (10%) and 1x2 hour exam (50%) This unit will examine the relationship between philosophy and literature. Is it necessary or incidental, a long and fecund marriage, or a patchy history of questionable affairs? Beyond the problem of identifying the two parties (what makes a text 'philosophical' or 'literary?'), the quality of their intercourse will be investigated: 1. by examining arguments for the philosophical significance of literature; 2. by exploring philosophical issues (eg. 'personal identity', 'time, memory and consciousness', 'freedom and determinism') through selected literary works.

PHIL2647 The Philosophy of Happiness
Credit points: 6 Session: Semester 2, Summer Late Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 12 junior credit points Assessment: 1x2500wd essay (45%), 1x2000wd take-home exam (45%) and tutorial participation (10%)
We all want to be happy and to live a worthwhile life. But what is happiness? Why should we want it? And how do we get it? These are among the most fundamental questions of philosophy. We will evaluate the answers of major thinkers from ancient and modern and eastern and western traditions; and consider the implications of current psychological research into the causes of happiness for the question of how to live well, as individuals and as a society.

Textbooks
Readings available from the University Copy Centre

PHIL2649
The Classical Mind
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 12 Junior credit points in Philosophy or ANHS1600
Prohibitions: PHIL2613, PHIL2614, PHIL3639 Assessment: tutorial participation (10%), 1x in-class test (15%), 1x1500wd essay (25%) and 1x2hr exam (50%)

An introduction to the philosophical outlook, conceptions, and arguments of Classical Greek philosophy. This unit will survey the rich period of Greek thinking from 600 BCE to the beginning of the Common Era, examining the Presocratics, Socrates, Plato, Aristotle and Hellenistic philosophers. This unit will demonstrate the incredible originality of Greek philosophy, and reveal both its legacy in and differences from philosophy today.

PHIL2651
Bodies and Passions
Credit points: 6 Session: Semester 1 Classes: 1x2 hour lecture and 1x1 hour tutorial per week Prerequisites: 12 Junior credit points in Philosophy Assessment: 1x tutorial presentation (20%), 1x class test (30%) and 1x2000 word essay (50%)

This unit is an introduction to theories of the passions. Paying special attention to Descartes, Spinoza and Hume, it will explore the notion that the body is the source of error and irrationality. However, bodily passions and associations also are crucial to our well-being and can make positive contributions to cognitive processes. In addition to the study of central figures in the history of philosophy, this unit aims to provide historical grounding for important issues in contemporary moral psychology.

PHIL3615
Pragmatism
Credit points: 6 Session: Semester 2 Classes: 1x2 hour lecture and 1x1 hour tutorial per week Prerequisites: 12 credit points in Philosophy Prohibitions: PHIL3015 Assessment: 1000 word tutorial exercises (2x20%) and 1x2500 word essay (60%)

This unit of study will consider the emergence and recent developments of the distinctive philosophical outlook known as "American Pragmatism". We shall discuss various pragmatist approaches to central philosophical topics such as truth, mind, knowledge, logic, naturalism, a priority, and the fact/value distinction. A central theme will be the philosophical importance of the appeal to practice and the agent's point of view. Readings will include works by William James, C.S. Pierce, John Dewey, Robert Brandom, Wilfred Sellars, and Richard Rorty.

PHIL3638
Hegel
Credit points: 6 Session: Semester 1 Classes: 1x2 hour lecture and 1x1 hour tutorial per week Prerequisites: 16 Senior credit points in Philosophy, Prohibitions: PHIL3038, PHIL3509 Assessment: tutorial presentation (10%), 1x essay (50%) and 1x take-home exam (40%)

This unit 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
Davidson (Dr Anik Waldow)
For more information, contact Dr John Grumley, Honours Coordinator.

PHIL4012
Philosophy Honours B
Credit points: 12 Session: Semester 1, Semester 2 Prerequisites: Refer to PHIL4011 Corequisites: PHIL4011 Assessment: Refer to PHIL4011
Refer to PHIL4011

PHIL4013
Philosophy Honours C
Credit points: 12 Session: Semester 1, Semester 2 Prerequisites: Refer to PHIL4011 Corequisites: PHIL4012
Refer to PHIL4011

PHIL4014
Philosophy Honours D
Credit points: 12 Session: Semester 1, Semester 2 Prerequisites: Refer to PHIL4011 Corequisites: PHIL4013 Assessment: Refer to PHIL4011
Refer to PHIL4011

Political Economy

ECOP1001
Economics as a Social Science
Credit points: 6 Session: Semester 1, Summer Main Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2 Assessment: 2x1000wd essays (30%), 1x400wd tutorial paper (5%), 1x1.5hr exam (50%) and tutorial participation (15%)

Economic concerns are central to modern society and politics. Yet economists are deeply divided in their views about how the economy works and how it could be made to work better. This unit of study explores the principal competing currents of economic thought - classical, neo-classical, institutional, Marxian and Keynesian. It looks at how these rival economic theories influence views about economic policy and the future of capitalism. This provides a solid foundation for subsequent study of economics and political economy.

Textbooks
F. Stilwell, Political Economy: the Contest of Economic Ideas (Oxford U.P.)

ECOP1003
International Economy and Finance
Credit points: 6 Session: Semester 2 Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2 Assessment: 1x1000wd essay (20%), 1x2000wd essay (40%), 1x1.5hr exam (30%) and tutorial participation (10%)

The world economy has changed dramatically since World War 2, especially with the renewed 'globalisation' from the 1980s. This unit traces the historical patterns of globalisation. It analyses the debates about whether globalisation has been for the better or worse overall, and who would have been the winners and the losers in this process. The unit explores the changing theories that have been used to explain and evaluate global economic integration. The unit concurrently explores the forms of, and debates about, the regulation of economic activity on a global scale, addressing the development and changing roles of states and international agencies and evaluates their capacity to generate global equity and economic stability.

ECOP1004
Economy and Society
Credit points: 6 Session: Semester 2 Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2 Assessment: 1x1000wd essay (20%), 1x2000 word essay (40%), 1x1.5hr exam (30%) and tutorial participation (10%)

This unit examines the processes by which economic activity is embedded within a broader social structure. Attention is given to the key institutions that channel economic activity, the processes by which capitalist markets are regulated, and the distinctive features of capitalist economies. The subject is organised around a range of conceptual tools which elaborate these themes, followed by analysis of particular case studies that illustrate the social constitution, dynamics and regulation of particular markets.

ECOP2011
Economics of Modern Capitalism
Credit points: 6 Session: Semester 1 Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2 Prerequisites: ECOP1001 and either (ECOP1002 or ECOP1003 or ECOP1004) Prohibitions: ECOP2001 Assessment: 1x1500wd essay (40%), 1x2hr exam (40%), tutorial participation and presentation (20%)

This unit of study examines the economic theory that emerged with the development and development of capitalism. It explores the key theoretical focuses of political economy, classical, neo-classical and general equilibrium theories, before proceeding to analyze the economics of Keynes and post-Keynesian theory, and reflecting on contemporary macroeconomic debates, including production, the distribution of income and economic growth.

ECOP2012
Social Foundations of Modern Capitalism
Credit points: 6 Session: Semester 2 Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2 Prerequisites: ECOP1001 and (ECOP1002 or ECOP1003 or ECOP1004) Prohibitions: ECOP2002 Assessment: 1x2000wd research essay (40%), 1x1.5hr exam (40%), seminar presentation (10%) and seminar participation (10%)

Economic activity is 'embedded' within a broader social structure, making the study of institutional and social forces a crucial element in understanding the historical fabric and functioning of the economy. This unit looks at the institutions, such as of capital, labour, the family and the state that channel economic activity and also at the importance of class and other social struggles in the historical transformations of those institutions. It examines how governments respond to the imperatives for economic and social order, including how the state acts to regulate institutions, and socio-economic relations, to establish stability and maintain capital accumulation. Several illustrative case studies and policy areas are studied.

ECOP2601
Analysis of Business Cycles
Credit points: 6 Session: Semester 2 Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2 Prerequisites: ECOP1001 and (ECOP1002 or ECOP1003 or ECOP1004) Prohibitions: ECOP2001 Assessment: 1000wd essay (2x25%), 1x1.5hr exam (40%) and tutorial participation (10%)

This unit examines the various political economic aspects of business cycles. It surveys the predominant strands of thought, historical and contemporary, as to what causes cycles. The unit provides students with an overview of the ways that the upper turning point of a cycle has been, and is being, detected. Finally, it critically reviews how fiscal and monetary policies have been used to thwart the onset or soften the impact of crisis, drawing the implications for today's economic challenges.

ECOP2612
Economic Policy in Global Context
Credit points: 6 Session: Semester 2 Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2 Prerequisites: ECOP1001 and (ECOP1002 or ECOP1003 or ECOP1004) Assessment: 1000wd essays (2x25%), 1x1.5hr exam (40%) and tutorial participation (10%)

Some of the most contentious issues in political economy concern the role of the state in relation to contemporary economic problems. This unit of study examines particular economic policies, how they are shaped by competing theories, interests and ideologies, and how they operate in practice. Emphasis is placed on the Australian experience. Attention is also given to how economic policy is shaped by international economic conditions.

ECOP2901
Political Economy Honours II
Credit points: 6 Session: Semester 1 Classes: 1x1.5hr seminar/week Prerequisites: Credit average in ECOP1001 and (ECOP1002 or ECOP1003 or ECOP1004) Corequisites: ECOP2011 or ECOP2012 Prohibitions: ECOP2901 Assessment: 1x1200wd seminar paper (15%) and seminar
presentation (10%), 1x1500wd essay (20%), 1x2500wd research paper (40%) and seminar participation (15%) This unit of study introduces students to some of the big debates in the social sciences, through an exploration of the meaning and limits of class concepts in social theory. Structure and agency, fact and interpretation, the politics of theory, and the nature of the Good Society are all considered. The unit is both an enrichment program adding breadth to the range of issues you study in Pass units of study, and an advanced program adding depth to your analytical and writing skills in Political Economy, in preparation for a third year studies and for a final honours year.

ECOP3012 Global Political Economy

Credit points: 6 Session: Semester 1 Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2 Prerequisites: ECOP1001 and (ECOP1002 or ECOP1003 or ECOP1004) Prohibitions: ECOP3002 Assessment: 1x1000wd essay (20%), 1x2000wd essay (40%), 1x1.5hr exam (30%) and 1x10 minute group presentation (10%)

This unit of study presents a historical and institutional perspective on the development of the capitalist world economy since 1945. The analysis starts with a historical and theoretical introduction covering the determinants of profits and accumulation and the role of external markets in economic growth. It then addresses key issues in this development including: the formation of the international monetary system and its crisis following the end of the long boom; and the global role of the United States and the formation of growth poles in Europe and in Asia.

ECOP3014 Political Economy of Development

Credit points: 6 Session: Semester 2, Summer Main Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2 Prerequisites: ECOP1001 and (ECOP1002 or ECOP1003 or ECOP1004) Prohibitions: ECOP3004 Assessment: 1x1000wd essay (20%), 1x2500wd essay (40%), 1x1.5hr exam (30%) and tutorial presentation (10%)

This unit of study investigates the idea, theory and practice of economic development in low income countries. Students are introduced to particular theories explaining economic growth and the obstacles to development. These theories are applied to a range of contemporary issues in developing countries, such as industrialisation, structural adjustment and poverty, human rights, gender, the role of NGOs, development assistance and credit and debt drawing on case studies from different countries.

ECOP3015 Political Economy of the Environment

Credit points: 6 Session: Semester 2 Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2 Prerequisites: ECOP1001 and (ECOP1002 or ECOP1003 or ECOP1004) Prohibitions: ECOP3005 Assessment: 1x1500wd essay (35%), 1x1.5hr exam (30%), 1x3000wd group case study (25%) and 1x group presentation (10%)

This unit of study critically examines the environmental foundations of the political economy. Two dimensions are explored: how economists and political economists theorise economic interactions with the environment; and how environmental problems emerge and are managed within the capitalist political economy. Attention is given to developing theories of environmental economics, ecological economics and range of radical critiques of human interactions with ecological systems. Individual environmental concerns are explored through a series of workshops that focus on the nature of the problems, policy prescriptions and the forces shaping particular environmental management strategies.

ECOP3017 Human Rights in Development

Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: ECOP1001 and (ECOP1002 or ECOP1003 or ECOP1004) Prohibitions: ECOP3007 Assessment: 1x1000wd essay (20%), 1x2000wd essay (40%), 1x1.5hr exam (30%) and participation (10%)

This unit studies human rights in development. International debates about human rights and democratic legitimacy are linked to structural economic arguments and to cultural and structural debates over the process of socioeconomic change. This introduces the competing arguments over rights, the distinction between formal and effective rights and the social struggles that have created them. The approach of economic liberalism, emphasising property rights and the role of competition as an arbiter of equal opportunities in society, is discussed. The unit also includes international studies of indigenous rights and labour rights, the globalisation of capital and citizenship, and structural and cultural arguments over the nature of socio-economic change.

ECOP3019 Finance: Volatility and Regulation

Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: ECOP1001 and (ECOP1002 or ECOP1003 or ECOP1004) Prohibitions: ECOP3009 Assessment: 1x1200wd essay (20%), 1x2000wd essay (35%), 1x1.5hr exam (35%) and tutorial presentation/participation (10%)

Foreign exchange, international bond and derivative markets have expanded dramatically over the past 20 years. This unit of study examines reasons for the growth of these markets and their vulnerability to some form of volatility and crisis. Case studies of individual corporate financial crises and national financial crises are considered. The unit also addresses the regulation of financial markets, both on a national and international scale. It looks at the history of regulation, key regulatory and monitoring agencies, and arguments for a new international financial architecture.

ECOP3620 Distribution of Income and Wealth

Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: ECOP1001 and (ECOP1002 or ECOP1003 or ECOP1004) Prohibitions: ECOP3006 Assessment: 1x1500wd essays (2x30%), 1x1.5hr exam (30%) and tutorial participation (10%)

The distribution of income and wealth is unequal in all nations, but the extent of inequality varies. What determines the size of these disparities? How have they changed over time? How do governments influence the distribution of income and wealth? Are alternative economic policies feasible? This unit explores how political economic analysis can be applied to the study of these issues of economic inequality.

ECOP3911 Theories in Political Economy

Credit points: 6 Session: Semester 1 Classes: 1x2hr seminar/week Prerequisites: 24 Senior ECOP credit points with a credit average including ECOP2911 or (ECOP2901 and ECOP2902) Prohibitions: ECOP3901 Assessment: 2x1500wd essays (30%), seminar presentation/write up (25%) and class participation (25%)

Note: Third year students who have not completed the prerequisites should consult the Department of Political Economy about alternative requirements.

This unit of study looks at the various theoretical frameworks within which political economic analysis is constructed. It compares the methodologies of the principal schools of economic thought with particular emphasis on the non-neoclassical approaches to the study of economic issues. The unit is required preparation for intending honours students but is also available to pass students with a credit average in previous units.

ECOP3912 Research in Political Economy

Credit points: 6 Session: Semester 2 Classes: 1x2hr seminar/week Prerequisites: 24 Senior ECOP credit points with a credit average including ECOP2911 or (ECOP2901 and ECOP2902) Prohibitions: ECOP3902 Assessment: 1200wd papers (2x30%), 1x1200wd research proposal (30%) and participation (10%)

Note: Third year students who have not completed the prerequisites should consult the Department of Political Economy about alternative requirements.

This unit considers the variety of research methods that can be used in Political Economy. Discussion of methodology is a principal focus. Practical consideration is also given to research materials,
bibliographical access, quantitative methods, surveys and fieldwork. This is important preparation for students intending to do an honours dissertation, but the unit is also available to pass students with a credit average in previous units.

ECOP1551
Political Economy Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ECOP1552
Political Economy Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ECOP2550
Political Economy Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ECOP2551
Political Economy Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ECOP3551
Political Economy Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ECOP3552
Political Economy Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ECOP3553
Political Economy Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

ECOP4001
Political Economy Honours A
Credit points: 12 Session: Semester 1, Semester 2
Classes: two seminars that meet weekly for two hours each in Semester 1
Prerequisites: credit average in four senior ECOP units and ECOP2011, ECOP2612 (or ECOP2012 with permission), ECOP2911, ECOP3911 and ECOP3912. Requirements for the Pass degree must be completed before entry to level 4000 honours units of study. Students who do not meet this requirement may apply to the Honours Coordinator for a waiver to permit their entry to Honours
Corequisites: ECOP4002, ECOP4003, ECOP4004
Assessment: a thesis of 18000-20000 words in length and 6000 words of written work or equivalent for each seminar
Note: Department permission required for enrolment.

The Honours program in Political Economy consists of:
1. a thesis written under the supervision of one or more members of academic staff.
2. two seminars that meet weekly for two hours for first semester
3. two day-long thesis progress workshops
The thesis should be of 18000-20000 words in length. Each seminar requires 6000 words of written work or its equivalent. The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.

The following seminars are on offer in 2011:
- Theories of Social Formations (Dr Stuart Rosewarne)
- Issues in Political Economy (Dr Elizabeth Hill)
For more information, contact Dr Susan Schroeder, Honours Coordinator

ECOP4002
Political Economy Honours B
Credit points: 12 Session: Semester 1, Semester 2
Corequisites: ECOP4001 refer to ECOP4001

ECOP4003
Political Economy Honours C
Credit points: 12 Session: Semester 1, Semester 2
Corequisites: ECOP4002 refer to ECOP4001

ECOP4004
Political Economy Honours D
Credit points: 12 Session: Semester 1, Semester 2
Corequisites: ECOP4003 refer to ECOP4001

Studies in Religion

RLST1002
The History of God
Credit points: 6 Session: Semester 1, Summer Early Classes: 2x1-hr lectures/week and 1x1-hr tutorial/week
Assessment: 1x1hr exam (30%), 1x2500wd essay (40%), 1x1000wd in-class test (30%), 1x1000wd oral presentation (20%) and participation (10%)
This unit is a general introduction to the emergence of the great religious traditions in the ancient world, with specific reference to the West Asian and Mediterranean regions. The unit of study includes the ancient religions of Egypt, Persia, Greece and Rome, as well as the foundations of Judaism, Christianity and Islam. Special attention is given to the tensions between monotheism (one god) and polytheism (many gods). Students are expected to specialise in traditions and themes of their own choice in writing essays.
Textbooks
Course Reader

RLST1005
Atheism, Fundamentalism & New Religions
Credit points: 6 Session: Semester 2 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week
Assessment: 1x1000wd essay (40%), 1x1000wd in-class test (30%), 1x1000wd oral presentation (20%) and participation (10%)
What is the ‘new’ atheism? How have globalisation and new media affected religious practice? This unit considers a broad range of recent high-profile events and contemporary debates and controversies in religion. Topics include: the supposed rise of fundamentalism, arguments over ‘the death of God’, new forms of spirituality and enchantment. Through the use of case studies, from UFO-religions to The Gospel of Judas, students examine the overarching theme: What is the future of religion?

RLST2605
Christianity and the Medieval World
Credit points: 12 Session: Semester 2 Classes: 2x1-hr lectures/week and 1x1-hr tutorial/week
Assumed knowledge: 12 Junior credit points of Studies in Religion or their equivalent to be assessed by the department
Assessment: 1x2000wd essay (40%), 1x1500wd take home exam (35%) and tutorial presentation (25%)
This unit examines the history of Christianity from the late Roman Empire to the close of the Middle Ages. 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 tutorial hour will be devoted to an exploration of some major philosophical and theological themes from Late Antique Christianity to the Middle Ages.
Textbooks
Course Reader

RLST2606
Christianity as a Global Religion
Credit points: 6 Session: Semester 1, Summer Main Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week
Prohibitions: RLST2606
Assumed knowledge: 12 junior credit points of Religion Studies, or equivalent as assessed
RLST2612

Ancient Gnosticism
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prohibitions: RLST2012 Assumed knowledge: 12 junior credit points of Religion Studies, or equivalent as assessed by the Department Assessment: 1x1000wd tutorial presentation (25%), 1x2000wd essay (40%) and 1x1500wd take home exam (35%)

This unit provides an overview of the Zoroastrian, Gnostic and Manichaean traditions, with particular emphasis on certain topics and themes. These include: Zoroaster and the context of Indo-Iranian religion; Christian gnosticism; Hermeticism and alchemy: Manichaeism; dualism and the problem of evil; apocalypse and eschatology. A special feature of this unit is the use of new and unpublished texts and research deriving from ongoing fieldwork in the Middle East.

Textbooks
Course Reader

RLST2613

Philosophy of Religion: East and West
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prohibitions: RLST2013 Assumed knowledge: 12 Junior credit points of Religion Studies, or their equivalent to be assessed by the Department Assessment: 1x1000wd short essay (30%), 1x2500wd long essay (45%), 1x5:7min class presentation (500wds equivalent) (15%), tutorial participation (10%)

This unit examines a number of topics that are traditionally taken to demarcate the philosophy of religion. Primary among these are questions concerning the existence of an Ultimate Source or God and the nature of Self. Topics considered include ontology and radical difference, ethics, concepts of life after death and the soul. The implications of religious pluralism for religious faith will also be discussed.

Textbooks
Course Reader

RLST2620

Religion and Violence, Faith and Blood
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prohibitions: RLST2020 Assumed knowledge: 12 Junior credit points of Religion Studies, or their equivalent to be assessed by the Department Assessment: 1x1000wd tutorial presentation (25%), 1x2000wd essay (40%), 1x1500wd take home exam (35%)

The twentieth century faced an unprecedented range of near-global crises - wars, depressions, communist-capitalist confrontation, ethnic conflict, epidemics, ecological disasters, extraordinary technological advances, 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 have been addressed in religious thought and action. It will discuss popular sensibilities and new spiritualities together with responses in the thought and praxis of leading religious figures.

Textbooks
Course Reader

RLST2623

Meditation and Self Transformation
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week Prohibitions: RLST2023 Assumed knowledge: 12 junior credit points of Religion Studies Assessment: 1x2500wd essay (50%), 1x1500wd tutorial paper (20%) and 1x2-hr exam (30%)

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

Introductory examination of systems of meditative practices found mainly in Hindu and Buddhist traditions. Reference will be made to practices followed within Christian traditions. Theoretical/doctoral/textual foundations are critically examined, with attention to the interpretive problems they present. The unit of study aims to enable students to gain an intellectual understanding of meditation and an ability to consider critically the issues it raises.

Textbooks
Course Reader

RLST2626

Witchcraft, Paganism and the New Age
Credit points: 6 Session: Semester 1 Classes: 2x1-hr lectures/week and 1x1-hr tutorial/week Prohibitions: RLST2026 Assumed knowledge: 12 Junior credit points of Religion Studies, or their equivalent to be assessed by the Department Assessment: 1x1000wd book review (30%), 1x3000wd essay (50%) and 1x1 tutorial presentation (20%)

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 unit will explore three areas of modern religion, and attempt to assess the importance of their contribution for the future of religion.

Textbooks
Course Reader

RLST3601

Rethinking Religion
Credit points: 6 Session: Semester 2 Classes: 1x1-hr lecture/week, 1x1-hr tutorial/week Prerequisites: 12 senior credit points of Religion Assessment: 1x2000wd essay (30%), 1x3000wd research proposal (50%), 1x1000wd oral presentation (10%) and participation (10%)

This unit investigates pressing contemporary issues in the method and study of religion. It prepares students for advanced research, including honours. Historical analysis of religion and contentious key terms are debated, as students are introduced to field studies methodology and other complex research strategies. Theoretical work is more tightly integrated in this unit with research practice and the unit is structured to nurture the student in an extended research project, helping them to find a dynamic and assured academic voice.

Textbooks
Course Reader

RLST1801

Religious Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

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

RLST2804

Religious Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

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

RLST2805

Religious Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.
Students enrolled at Sydney University who wish to take the equivalent of a 6 credit-point senior unit of study in Religious Studies at an approved overseas university should enrol in this unit. Such students must seek approval for their proposed course of study from the Director of Undergraduate Studies.

RLST2806
Religious Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

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

RLST2809
Religious Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

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

RLST4011
Religious Studies Honours A
Credit points: 12  Session: Semester 1, Semester 2
Classes: 1x2-hr seminar/week
Prerequisites: Credit average in 48 senior credit points of Studies in Religion
Assessment: 1x 20000wd thesis (60%) and 2 seminars x 10000wds of written work or its equivalent per seminar (40%)
Note: Department permission required for enrolment.

The Honours program in Studies in Religion consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. two semester seminars that meet weekly for two hours.
   The thesis should be of 20000 words in length. Each seminar requires 10000 words of written work or its equivalent. The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.
   The following seminars are on offer in 2011:
   Methodology and Issues in the Study of Religion
   New Discoveries in Early Christian and Jewish Studies
   For more information, contact Professor Iain Gardner, Honours Coordinator.

Textbooks

RLST4012
Religious Studies Honours B
Credit points: 12  Session: Semester 1, Semester 2
Corequisites: RLST4011
Refer to RLST4011

RLST4013
Religious Studies Honours C
Credit points: 12  Session: Semester 1, Semester 2
Corequisites: RLST4012
Refer to RLST4011

RLST4014
Religious Studies Honours D
Credit points: 12  Session: Semester 1, Semester 2
Corequisites: RLST4013
Refer to RLST4011

Sanskrit

SANS1001
Sanskrit Introductory 1
Credit points: 6  Session: Semester 1
Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week
Prerequisites: SANS1001
Assessment: 3x1000wd assignments (60%), 1x3-hr exam (40%)

This unit provides an introduction to Sanskrit. It is intended for students who have little or no previous knowledge of the language. Emphasis will be given to understanding the basic grammatical structures and the Devanagari script. Pronunciation will be given attention. There will be exercises in translation from Sanskrit to English and English to Sanskrit.

Textbooks

SANS1002
Sanskrit Introductory 2
Credit points: 6  Session: Semester 2
Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week
Prerequisites: SANS1001
Assessment: 3x1000wd assignments (60%), 1x3-hr exam (40%)

This unit is an extension of work done in SANS1001. By the end of the unit, students will have covered the grammar necessary for reading simple Sanskrit texts.

Textbooks

SANS2601
Sanskrit Intermediate 1
Credit points: 6  Session: Semester 1
Classes: 2x1.5-hr seminars/week
Prerequisites: SANS1002
Assessment: 3x1000wd assignments (60%), 1x3-hr exam (40%)

This unit will complete the more advanced grammatical forms in the first half of the semester and will then be devoted to reading classical Sanskrit literature, especially selections relevant to the study of Indian religion and culture. Readings will be drawn from the Hitopadesha and Mahabharata.

Textbooks

SANS2602
Sanskrit Intermediate 2
Credit points: 6  Session: Semester 2
Classes: 2x1.5-hr seminars/week
Prerequisites: SANS2001
Prohibitions: SANS2601
Assessment: 3x1000wd assignments (60%), 1x3-hr exam (40%)

This unit will be devoted to reading classical Sanskrit literature, especially selections relevant to the study of Indian religion and culture. Readings will be drawn from texts such as the Bhagavadgita, Mahabharata and Jatakalama.

Textbooks

SANS3601
Sanskrit Advanced 1
Credit points: 6  Session: Semester 1
Classes: 2x1.5-hr seminars/week
Prerequisites: SANS2002 or SANS2602
Prohibitions: SANS3001
Assessment: 3x1000wd assignments (60%), 1x3-hr exam (40%)

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.
SANS4001
Sanskrit IV Honours A

Credit points: 12 Session: Semester 1, Semester 2 Classes: Two seminars, each seminar meets weekly for 2 hours for one semester Prerequisites: The completion of 8 senior units of study: a Credit average in senior level Sanskrit language units of study (SANS2601, SANS2602, SANS2612, SANS3601, SANS3602 and SANS3612) plus two additional units of study chosen from the following senior level Asian Studies units of study: ASNS2620 Classical Indian Philosophy, ASNS2621 Buddhist Philosophy, ASNS2623 India: Tradition and Modernity, ASNS2624 Understanding Buddhist Literature, ASNS2625 Buddhism in Modern Asia, ASNS2626 Religious Traditions of South Asia, and / or any senior unit of Hindi / Urdu equivalent as determined by the Department. Assessment: A thesis of 18000-20000 words and 6000 words of written work or its equivalent for each seminar. Note: Department permission required for enrolment.

The Honours program in Sanskrit consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for two hours for one semester
3. The thesis should be of 18000-20000 words in length. Each seminar requires 6000 words of written work or its equivalent.
4. The thesis is worth 50% of the final Honours mark and each of the seminars is worth 25%.
5. The thesis and departmental coursework topics must be chosen in consultation with the department. The following seminars are on offer in 2011:
   - Departmental Methodology (Dr Andrew McGarrity and Dr Mark Allon)
   - Departmental Coursework (Dr Andrew McGarrity and Dr Mark Allon)

For more information, contact Dr Andrew McGarrity, Honours coordinator.

SANS4002
Sanskrit IV Honours B

Credit points: 12 Session: Semester 1, Semester 2 Corequisites: SANS4001

Refer to SANS4001

SANS4003
Sanskrit IV Honours C

Credit points: 12 Session: Semester 1, Semester 2 Corequisites: SANS4002

Refer to SANS4001

SANS4004
Sanskrit IV Honours D

Credit points: 12 Session: Semester 1, Semester 2 Corequisites: SANS4003

Refer to SANS4001
will form the basis of a research report to be submitted for assessment. Students, in consultation with a supervisor from the Bachelor of Social Sciences program, will formulate a topic for their research essay which should demonstrate the ability to reflect critically on the relationship between their practical experience in their particular placement and social science theory more generally.

**Socio-Legal Studies**

**SLSS1001**

**Introduction to Socio-Legal Studies**

Credit points: 6  
Session: Semester 1  
Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2  
Assessment: class participation (10%), 1x500wd take-home exam (40%) and 1x3000wd essay (50%)

Note: available to Bachelor of Arts and Sciences and Bachelor of Socio-Legal Studies only

This unit provides students with an introduction to the understanding of legal ideas, institutions and practices in their social and historical contexts. It will provide an historical overview of legal institutions and forms of law in Australia, the place of the idea of the rule of law in state-formation, liberalism, processes of civilisation and colonialism, law and the public/private distinction, changing conceptions of human rights, as well as outlining the central features of the various fields of law. 

Textbooks  
unit reader will be available through the Copy Centre

**SLSS1003**

**Law and Contemporary Society**

Credit points: 6  
Session: Semester 2  
Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2  
Assessment: class attendance and participation (10%), 1x2000wd essay (40%) and 1x2hr exam (50%)

Note: available to Bachelor of Arts and Sciences and Bachelor of Socio-Legal Studies only

This unit provides an understanding of the central themes and issues in social scientific analyses of the operation of law in society. After briefly outlining the various ways in which social life is organised in terms of law, the unit will examine a range of key concerns in the development of legal ideas, institutions and processes today, including the increasing legal regulation of private life, law and science, human rights, the globalisation of law, terrorism, risk and security, law and social inequality and citizenship.

Textbooks  
unit reader will be available through the Copy Centre

**SLSS2601**

**Socio-Legal Research**

Credit points: 6  
Session: Semester 1  
Classes: 1x1hr lecture/week, 1x1hr tutorial/week commencing week 2 and 1x1hr computer lab/week commencing week 2  
Prerequisites: (SLSS1001 and SLSS1003) or (SLSS1001 and SLSS1002)  
Assessment: 1xtutorial presentation (20%), 1x2000wd content analysis exercise (40%) and 1x2000wd research essay (40%)

Note: available to Bachelor of Socio-Legal Studies only

This unit will develop an understanding of social science research methods as they apply to socio-legal studies. It will therefore discuss the theoretical aspects of research design and methodology and provide an overview of the main research methods applicable in socio-legal studies. These will include the development of research questions; examination of statutes, legislation, case law and law reform debates; library and archive research; content analysis and discourse analysis; interviewing; participant observation; data recording, coding and analysis; and research ethics.

Textbooks  
unit reader available through the University Copy Centre

**SLSS2603**

**Medico-Legal and Forensic Criminology**

Credit points: 6  
Session: Semester 2  
Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2  
Prerequisites: (SLSS1001 and SLSS1003) or (SCLG1001 and SCLG1002)  
Assessment: tutorial participation (10%), 1x500wd tutorial paper plus in-class presentation (15%), 1x1500wd essay (35%) and 1x2500wd take-home exam (40%)

Note: available to Bachelor of Socio-Legal Studies only

This unit of study explores the relationship between crime, law, medicine and science in society by specifically examining the history of criminal detection practices, death investigation systems and the coroner’s office, the role of medicine and science in criminal justice and socio-legal management of the dead. Students will be introduced to developing areas in medico-legal and forensic criminology, and will explore specific issues and case studies such as human tissue and organ controversies.

Textbooks  
readings will be available at the University Copy Centre

**SLSS2604**

**Indigenous Social and Legal Justice**

Credit points: 6  
Session: Semester 2  
Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2  
Prerequisites: (SLSS1001 and SLSS1003) or (SLSS1001 and SLS1002)  
Assessment: 1x1000wd workbook (30%), 1x500wd in-class presentation or equivalent (10%), 1x3000wd research essay (50%) and tutorial participation/attendance (10%)

Note: available to Bachelor of Socio-Legal Studies Students only

This unit will provide students with an appreciation of issues facing Indigenous peoples in the struggle for social and legal justice, focusing on the idea of Indigenous justice in Australia in the context of other comparable nations, such as the United States, Canada and New Zealand. We will compare specific examples or models of law and policy recognising Indigenous social and legal justice in specific areas, such as child protection, criminal justice, and land rights, in Australia and overseas.

**SLSS2605**

**Crime, Media and Culture**

Credit points: 6  
Session: Semester 1  
Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2  
Prerequisites: SLSS1001 and (SLSS1002 or SLSS1003)  
Corequisites: SLSS2603 and SCLG2634  
Assessment: 1x1000wd photo essay and/or critical commentary and/or book review (20%), 12000wd research essay (50%) and 1x1500wd take-home exam (30%)

This unit examines criminological approaches that explore intersections between crime, criminal justice, media forms and cultural dynamics. Topics include delinquent gangs, youth, subcultures and the law, folk devils and moral panics, cultural criminology, graffiti, edgewire, television and fictional crime, serial killers, dark tourism, new technologies and social protest, surveillance, high crime, crime without frontiers.

Textbooks  
reader available from the Copy Centre

**SLSS2801**

**Socio-Legal Studies Exchange**

Credit points: 6  
Session: Semester 1, Semester 2  
Note: Department permission required for enrolment. Note: Available to Bachelor of Socio-Legal Studies only

**SLSS2802**

**Socio-Legal Studies Exchange**

Credit points: 6  
Session: Semester 1, Semester 2  
Note: Department permission required for enrolment. Note: Available to Bachelor of Socio-Legal Studies only

**SLSS2803**

**Socio-Legal Studies Exchange**

Credit points: 6  
Session: Semester 1, Semester 2  
Note: Department permission required for enrolment. Note: Available to Bachelor of Socio-Legal Studies only

**SLSS2804**

**Socio-Legal Studies Exchange**

Credit points: 6  
Session: Semester 1, Semester 2  
Note: Department permission required for enrolment. Note: Available to Bachelor of Socio-Legal Studies only
SLSS2805
Socio-Legal Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment. Note: Available to Bachelor of Socio-Legal Studies only

SLSS2806
Socio-Legal Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment. Note: Available to Bachelor of Socio-Legal Studies only

SLSS2807
Socio-Legal Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment. Note: Available to Bachelor of Socio-Legal Studies only

SLSS2808
Socio-Legal Studies Exchange
Credit points: 6 Session: Semester 1, Semester 2
Note: Department permission required for enrolment. Note: Available to Bachelor of Socio-Legal Studies only

SLSS4011
Socio-Legal Studies Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: two seminars, each seminar meets weekly for 2 hours for one semester. Prerequisites: completion of all requirements of a Bachelor of Socio-Legal Studies with a credit average in senior level core and elective Socio-Legal Studies units. Requirements for the Pass degree must be completed before entry to level 4000 honours units of study. Assessment: a thesis of 18000-20000 words in length and 6000 words of written work or its equivalent for each seminar. Note: Department permission required for enrolment.

The Honours program in Socio-Legal Studies consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for two hours each during Semester 1
The thesis should be of 18000-20000 words in length. Each seminar requires 6000 words of written work or its equivalent. The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.
The following seminars are on offer in 2011:
Socio-Legal Studies Honours A: Key Issues in Law and Society Research
Sociology Honours B: Practicing Sociology
For more information, contact Dr Greg Martin, Honours Coordinator

SLSS4012
Socio-Legal Studies Honours B
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: SLSS4011 refer to SLSS4011

SLSS4013
Socio-Legal Studies Honours C
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: SLSS4012 refer to SLSS4011

SLSS4014
Socio-Legal Studies Honours D
Credit points: 12 Session: Semester 1, Semester 2 Corequisites: SLSS4013 refer to SLSS4011

Sociology

SCLG1001
Introduction to Sociology 1
Credit points: 6 Session: Semester 1, Summer Early Classes: 2x1hr lectures/week, 1x1hr tutorial/week commencing week 2. Assessment: 1x500wd precis (15%), 1x1500wd essay (35%), 1x2hr exam (35%) and participation (15%)

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

Textbooks
readings will be available at the University Copy Centre

SCLG1002
Introduction to Sociology 2
Credit points: 6 Session: Semester 2, Winter Main Classes: 2x1hr lectures, 1x1hr tutorial/week commencing week 2. Assessment: 1x1200wd essay (40%), research and data tasks (15%), tutorial participation (10%) and 1x2hr exam (35%)

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

Textbooks
readings will be available at the University Copy Centre

SCLG2601
Sociological Theory
Credit points: 6 Session: Semester 1 Classes: 1x2hr lecture/week and 1x1hr tutorial/week commencing week 2. Prerequisites: SCLG1001 and SCLG1002 Prohibitions: SCLG2001, SCLG2520 Assessment: written work 2500wds (60%) and 1x2hr exam (40%)

In this unit of study we will examine the main strands of sociological thought and identify the key concepts, debates and issues in the development of sociological theory. It will focus on the writings of leading social theorists and sociologists, their contribution to the development of a distinctly sociological theory, and their continuing impact on current theoretical debates in sociology. Topics covered will include: the origins of sociology; industrialism; classical theorists; sociology of urban society; interactionism and everyday life; psychoanalysis; sociology of knowledge and culture; feminist challenges to sociological paradigms; postmodernity and the future of society. This unit is mandatory for Sociology majors.

Textbooks
unit reader will be made available through the Copy Centre

SCLG2602
Social Inquiry: Qualitative Methods
Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2. Prerequisites: either SCLG1001 and SCLG1002 or SCWK2003 or SSCI1003 Prohibitions: SCLG2002, SCLG2521 Assessment: tutorial participation (20%), 2x1500wd research papers (60%) and one exam (20%)

This unit of study introduces students to a range of qualitative research methods in common usage throughout the social sciences. The course has both analytical and practical components. With regard to the former, students are introduced to the methodological issues in contemporary sociology and their impact on the research process. An emphasis will be placed on developing a critical ability to read sociological research, with an eye to understanding its methodological adequacy, the political and ethical issues that arise whilst conducting research, and debates over interpretation and the production of knowledge. With regard to the latter component, students will
This unit will examine key issues and debates within current sociological writings on media in contemporary society. The tutorial discussions focus on media, including radio, film, television, video, print, news, current affairs programmes and advertising, all of which are considered in relation to media audiences. We will consider the research literature on the sociology of media in order to investigate methods of carrying out media research, particularly of media audience research. The aim is to encourage students to develop an informed understanding of media, including their own engagement with media in contemporary society, and to explore computer based technology as an educational tool for studying media in contemporary society.

Textbooks
unit reader will be available through the Copy Centre

SCLG2607
Social Movements and Policy Making
Credit points: 6 Session: Semester 1 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002 Prohibitions: SCLG2570 Assessment: tutorial participation oral equivalent of 1500wd (15%), poster equivalent of 500wd (35%) and 1xtake-home exam (50%)

Drawing on contemporary sociological analysis this unit critically explores participation, organization and outcomes of social movements. The unit explores the intersections between citizenship and democracy in relation to social movements and policy making. Moreover, the unit addresses links between societal and cultural arrangements and social movements for change. Students will have the opportunity to explore the theoretical ideas introduced in this unit by investigating a range of social movements, such as, anti-global movements, environmentalism and feminist movements.

Textbooks
unit reader will be available through the Copy Centre

SCLG2608
Social Construction of Difference
Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002 Prohibitions: SCLG2501 Assessment: tutorial participation (15%), 1xannotated bibliography (20%), 1x1500wd essay (35%) and 1xtake-home exam (40%)

The focus of this unit of study is on the dynamics of the identification of 'difference' in society, including the processes of stigmatisation and demonisation of 'deviants'. The unit focuses on areas such as the debates surrounding the 'welfare underclass', unruly youth, refugees and asylum seekers, trans-gendered persons, the care of the mentally ill, etc. Significant theoretical debates will be addressed, including 'realism' vs. 'social construction'; 'defining deviance down' (Moynihan; Hendershot), the 'Broken Windows' thesis (Wilson and Kelling) and Jock Young's theory of 'Essentialising the Other'.

Textbooks
unit reader will be available through the Copy Centre

SCLG2609
Contemporary Cultural Issues
Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002 Prohibitions: SCLG2501 Assessment: tutorial participation (15%), 1x1500wd essay (35%) and 1x2000wd take-home exam (50%)

This unit of study will examine key issues and debates within current sociological writings on culture. It will assess critically a range of cultural issues pertinent to structuralist, poststructuralist, deconstructionist as well as postmodern accounts of contemporary culture. An aim of this unit is to link concepts of culture to specific case studies, in order to facilitate the joining of theory with research. This aim will be achieved through addressing various issues, including analysis of cultural representations, popular culture, as well as the role of agency within cultural formations.

Textbooks
unit reader will be available through the Copy Centre

SCLG2610
Science, Technology and Social Change
Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002
This unit examines a range of sociological theories and debates concerning science and technology. Students will investigate the two-way relationship between science/technology and society, i.e., the social shaping of science and technology, and the impact of science and technology on society. Issues to be examined include the social production of science and technology, the science-technology relationship, the politics and economics of science and technology, science and technology in medicine, in reproduction, in the workplace, and the role of science and technology in environmentalism and the environmental movement.

SCLG2611 Welfare States: A Comparative Analysis

Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week and 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002 Prohibitions: SCLG2509 Assessment: class facilitation (10%), 1x1500wd essay (30%) and 1x3000wd essay (60%)

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

Contemporary developments and debates concerning welfare in Australia are put into a new perspective when considered in comparison with welfare states throughout the world. In this unit of study, students will have the opportunity to compare Australian welfare arrangements and social policies with those in other industrialised countries. How do other countries conceptualise and make arrangements for people who are unemployed, or pregnant or sick, or old? What are the principles that underpin these arrangements and how can we account for the differences between countries? The unit will focus on social policies concerned with health, employment and unemployment, work and family, disability, ageing and childhood. Students will develop comparative analyses with both Western industrialised welfare states and the emerging Asian welfare states.

In addition to developing knowledge of particular social policies in particular countries, students will explore the theoretical frameworks that have underpinned comparative welfare state analysis. They will also have the opportunity to interrogate the dominant discourses that have informed social policy development including those concerning rights, citizenship, obligations, reciprocity and social capital.

Textbooks unit reader will be available through the Copy Centre

SCLG2612 Self and Society

Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week and 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002 Prohibitions: SCLG2510 Assessment: tutorial participation (10%), 1x1500wd take-home exam (30%) and 1x3000wd research essay (60%)

The nature of human subjectivity has fascinated and drawn the attention of thinkers from many different fields. While the questions, who are we? how do we become individual? are often asked, the ways of answering these questions constantly change. In this unit, the discursive construction of the self will be examined in the light of the political, technological and social changes which constantly influence the meanings and histories of self, subjectivity and identity. The unit will explore questions such as whether there is a human 'nature' which precedes or exists beyond society; whether historical circumstances determine human emotional response; whether new forms of technology and modes of communication influence self-knowledge; whether consumerism and materialism commodify identity; whether the roles played in everyday life and the management of social interactions produce or conceal who we are. The unit begins with commonsensical views on identity and proceeds to deconstruct them.

Textbooks unit reader will be available through the Copy Centre

SCLG2613 Sociology of Childhood and Youth

Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week, 1x1 hour tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002

Prohibitions: SCLG2504 Assessment: oral presentation plus attendance (20%), 1x2000wd essay (40%) and 1x2000wd take-home exam (40%)

This unit examines a range of sociological theories and debates concerning childhood and youth in modern industrial societies, as well as the ways in which particular perspectives on childhood are central to all social theory. It will examine the debates surrounding the historical development of childhood, and the various approaches to the impact of state intervention and social policies on both the experiences of childhood and youth and the transition to adulthood. Specific topics discussed include; the social construction of child abuse, youth homelessness and youth criminality as social problems, the stolen generations, children and the law, the fertility decline, and the differentiation of childhood experience along lines of class, gender, race and ethnicity.

Textbooks unit reader will be available through the Copy Centre

SCLG2615 Law and Social Theory

Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002 and (SCLG2001 or SCLG2001 or SCLG2001 or SCLG2520) Prohibitions: SCLG2535 Assessment: 1x1000wd workbook (20%), 1x2000wd research essay (50%) and 1x1500wd take-home exam (30%)

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

This unit provides a detailed understanding of how the work of a broad range of social theorists contributes to a specifically sociological understanding of legal ideas, institutions and practices. After beginning with classical sociology - Durkheim, Marx and Weber, the unit will then discuss the contributions of the Frankfurt School, Habermas, Foucault, Bourdieu, Luhmann, Elias, and Selznick, as well as the more recent perspectives of postmodern and feminist social theory.

SCLG2616 Global Transformations

Credit points: 6 Session: Semester 1 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002 Prohibitions: SCLG2560 Assessment: 1x2hr in-class exam (40%) and 10x250wd informal tutorial presentations (60%)

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

This unit examines contemporary processes of globalisation. It investigates cultural, economic, and political aspects of globalisation from a distinctively sociological perspective. Theories and data related to globalisation are also applied to world-transforming trends in areas such as immigration, population, technology, human rights, civil society, and democracy. Particular attention is given to the study of both pro- and anti-globalisation movements.

Textbooks unit reader will be available through the Copy Centre

SCLG2618 Violence, Imaginaries and Symbolic Power

Credit points: 6 Session: Semester 1 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002 Prohibitions: SCLG2566 Assessment: participation (10%), 1x1500wd research essay (30%) and 1x3000wd research essay (50%)

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

This unit examines the operation of symbolic power and diverse social manifestations of violence, from revolution through to eroticism. Of particular interest are social imaginaries and the way collective representations embody social creativity, legitimate social structures and inform projects of violent social reconstruction, including war, terrorism, nationalism and genocide. Social imaginaries are constitutive of nationalistic visions of self-determining communities, capitalist wealth and social utopias. Different modes of critical analysis are introduced, like critical social theory, discourse analysis, and psychoanalysis.

Textbooks
SCLG2619
Sociology of Sport
Credit points: 6 Session: Semester 1 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002 Assessment: 10x45wd tutorial papers (10%), 1x600wd theory paper (20%), 1x2000wd essay (45%) and 1x1500wd take-home exam (30%)

This unit will examine the relationship between sport and society, particularly the formation and reproduction of social norms and groupings. Analysing society from modernist and post-structuralist perspectives, students will use social theories of discourse, identity formation and power relations to explore the role of sport in the development and reproduction of gender, sexual, class, racial and national groups. Topics discussed include sport as a vehicle of social empowerment or marginalisation, sport as colonialism, and sport as consumption and popular entertainment.

SCLG2620
Human Rights and Social Transformations
Credit points: 6 Session: Semester 1 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002 Assessment: 1xclass debate (10%), 1x1500wd take-home exam (30%) and 1x2500wd essay (60%)

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

This unit will examine both how human rights discourses and institutions have transformed states and societies (and failed to do so) and how societies have transformed human rights, connecting this dynamic with broader questions about the relationship between norms, society and politics. It will consider the often implicit constraints, as well as the liberational potential of human rights, engaging debates about the relationship between human rights and culture, religion, colonialism, imperialism, liberal individualism and globalisation.

Textbooks
unit reader will be available through the Copy Centre

SCLG2621
Power, Politics and Society
Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002 Assessment: 1x2000wd research essay (45%) and 1xtake-home exam (55%)

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

This unit will examine the core theoretical perspectives in the sociology of power, political action and political structures (Weber, Michels, Lukes, Mills etc.) and the central empirical issues in political sociology. These issues include state formation and governance, political ideas and ideologies in a "knowledge society", political parties, social movements and interest groups, globalisation, modernity and post-modern politics. It will engage with these concerns in relation to a selection of contemporary Australian and global issues in political sociology.

SCLG2622
Sociology of Knowledge
Credit points: 6 Session: Semester 2 Classes: 1x2 hour lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002 Assessment: 1x1000wd research essay (25%), 1x2000wd oral presentation (40%) and 1x1500wd essay (35%)

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

This unit explores the formation, transmission and ownership of knowledge through several historical epochs. It highlights the way knowledge, in both oral and written form, reflects and expresses social structures and social processes. Students will be introduced to a range of theories about the relationship between knowledge and society, and to illustrative case studies (e.g. the patenting of diagnostic tests, the funding of research institutes and 'Think Tanks', and the buying and selling of 'expert knowledge').

Textbooks
unit reader will be available through the Copy Centre

SCLG2623
Sociology of Terror
Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002 Assessment: 1x1500wd essay (30%), 1x3000wd essay (60%) and class participation (10%)

This unit examines the relationship between terrorism and globalization. Explores themes of massacre, ethnic cleansing, and terrorism in the context of social uncertainty and crises in nation states. Examines the production of victims and the process of cultural symbolization of the body and the new social and political imaginaries emerging. Examines the uses of victimhood in trying to escape terror and achieve reconciliation. Draws on the work of Scarry, Kristeva, Appadurai, Nordstrom, Foucault, Zulaika and Taussig.

Textbooks
unit reader will be available through the Copy Centre

SCLG2624
Human Rights and Social Protest
Credit points: 6 Session: Semester 1 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002 Assessment: 1x1500wd essay (30%), 1x3000wd essay (60%) and tutorial participation (10%)

Explores the rise of human rights discourse and its relationship to moral and religious discourses on suffering and social justice across cultures. Focuses on victims of human rights abuse, the formation of communities of suffering and social movements around victimhood. Examines 'rights talk' as a global discourse and language of protest against social injustice and claims. Examines global human rights machinery and the ethics of humanitarian intervention. Cases studies from Latin America, Africa and the Middle East.

Textbooks
unit reader will be available through the Copy Centre

SCLG2625
Sociology of Friendship
Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002 Assessment: 1x2500wd research essay (50%), 1x500wd paper (20%), 1x20minute oral presentation (20%), participation (10%)

This unit examines the sociology of friendship, its place within theories of late modern society and its significance for the individual. Students will gain a foundation in key debates about friendship across the social sciences and key theories in the field, both classical and contemporary. It explores the relevance of friendship to other sociological categories, including the public sphere, the family, community and the self. Students will learn to apply this knowledge to an understanding of society and social change.

Textbooks
readings will be available at the University Copy Centre

SCLG2626
Sociology of Religion
Credit points: 6 Session: Semester 2 Classes: 1x2hr lecture/week, 1x1hr tutorial/week commencing week 2 Prerequisites: SCLG1001 and SCLG1002 Assessment: 1x2500wd research essay (30%), tutorial participation (15%), 1x500wd tutorial presentation (15%) and 1x exam (40%)

This unit examines the ways in which the religious impulse has been expressed socially, the role of religion in society, the way in which individuals form and change religious commitments, the ways in which religious groups have been organised and evolve, the nature of belief as it is expressed collectively and individually, and controversies over the role of religion in social life. Illustrations from contemporary events will be used to explore major religious policy issues and controversies.

Textbooks
unit reader will be available through the Copy Centre
SCLG2634
Crime, Punishment and Society
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1-hr tutorial/week commencing week 2 Prerequisites: Two of SCLG1001, SCLG1002, SLS1001, SLS1002 or LAWS1100 Prohibitions: SCLG2566 Assessment: tutorial participation (10%), essay or equivalent oral presentation (20%), 1x1500wd essay (30%) and 1x2500wd take-home exam (40%)

The unit introduces students to the analysis of crime, detection and punishment in their historical, social, political and cultural contexts. It discusses the major theoretical perspectives on the explanation of crime as well as the role and functions of punishment. It examines a range of issues in understanding crime and criminal justice, including the cultural life of crime, forensic knowledges, policing and prisons, and youth and juvenile justice.

Textbooks
unit reader will be available through the Copy Centre

SCLG3601
Contemporary Sociological Theory
Credit points: 6 Session: Semester 2 Classes: 1x2-hr lecture/week, 1x1-hr seminar/week Prerequisites: SCLG1001 and SCLG1002 Prohibitions: SCLG3002 Assessment: attendance and participation (10%), 1xoral presentation (20%) and 1x2000wd essay (70%)

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

This unit provides a detailed introduction to key social theorists whose ideas are being used extensively in contemporary sociological theory and research. These theorists include: Irving Goffman, Michel Foucault and Pierre Bourdieu. A particular focus is on approaches to human action in its various structural and cultural contexts, the possibilities and limits of human agency, and questions of social change.

Textbooks
unit reader will be available through the Copy Centre

SCLG3602
Sociological Theory and Practice
Credit points: 6 Session: Semester 2 Classes: 1x3hr seminar/week Prerequisites: SCLG1001 and SCLG1002 Prohibitions: SCLG3003 Assessment: 1x3000wd group oral presentation (30%) and 1x1000wd project report (20%) and 1x2000wd research proposal (50%)

This unit addresses the political, ethical and practical problems that may arise during the process of conducting research. It will also examine the social and logical links between theory, method, data and analysis. In the seminars we will critically examine the work of other researchers to identify the strengths and weaknesses of their approaches. As part of their assessment, students will select a topic of their own and develop a theoretically informed research proposal.

Textbooks
unit reader will be available through the Copy Centre

SCLG3603
Quantitative Methods for Social Science
Credit points: 6 Session: Semester 1 Classes: 1x2-hr lecture/week, 1x1hr seminar/week Prerequisites: SCLG1001 and SCLG1002 Assessment: 8x500wd research reports (80%) and 1x500wd equivalent oral presentation of results (20%)

Note: this unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program. It is also available to PE and G1R students.

This course is intended to prepare undergraduate students to undertake independent quantitative analyses of social science data. Topics include: basic statistical numeracy, how to achieve quantitative results, how to write about quantitative analyses, and basic literacy in generalised linear models. The course is writing intensive. No specific prior mathematical training is assumed, though a basic grasp of simple algebra is expected. By the end of the course, students should be able to approach quantitative social science data with confidence.

SCLG3605
Urban Sociology
Credit points: 6 Session: Semester 1 Classes: 1x2hr lecture/week, 1x1hr seminar/week Prerequisites: SCLG1001 and SCLG1002 Prohibitions: SCLG3002 Assessment: 1x500wd oral tutorial presentation (10%), 1x2500wd research paper (60%) and 1x1500wds of other written work (30%)

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

This unit explores the processes of urbanisation in the industrial and post-industrial city. It focuses on key sociological concepts and theorisations of the urban experience - community, alienation, social space, social capital, migration, displacement, suburbanisation, slums, transformations of the built environment and capital accumulation. It also explores the relationship between cities and globalisation in the global north and south and the development of cities as nodes in global production and consumption and megacities as new sites or intensive industrialisation and population warehousing.

Textbooks
unit reader will be available through the Copy Centre

SCLG1801
Sociology Exchange
Credit points: 6 Session: Semester 1, Semester 2 Note: Department permission required for enrolment.

SCLG2805
Sociology Exchange
Credit points: 6 Session: Semester 1, Semester 2 Prerequisites: SCLG1001 and SCLG1002 Note: Department permission required for enrolment.

SCLG2806
Sociology Exchange
Credit points: 6 Session: Semester 1, Semester 2 Prerequisites: SCLG1001 and SCLG1002 Note: Department permission required for enrolment.

SCLG2809
Sociology Exchange
Credit points: 6 Session: Semester 1, Semester 2 Prerequisites: SCLG1001 and SCLG1002 Note: Department permission required for enrolment.

SCLG2810
Sociology Exchange
Credit points: 6 Session: Semester 1, Semester 2 Prerequisites: SCLG1001 and SCLG1002 Note: Department permission required for enrolment.

SCLG2811
Sociology Exchange
Credit points: 6 Session: Semester 1, Semester 2 Prerequisites: SCLG1001 and SCLG1002 Note: Department permission required for enrolment.

SCLG2812
Sociology Exchange
Credit points: 6 Session: Semester 1, Semester 2 Prerequisites: SCLG1001 and SCLG1002 Note: Department permission required for enrolment.

SCLG4011
Sociology, Honours A
Credit points: 12 Session: Semester 1, Semester 2 Classes: two seminars, each seminar meets weekly for 2 hours for one semester Prerequisites: 48 credit points of senior level Sociology (with credit average) including SCLG3602 Assessment: a thesis of 18000-20000 words in length and 6000 words of written work or its equivalent for each seminar

Note: Department permission required for enrolment.

The Honours program in Sociology and Social Policy consists of:
1. a thesis written under the supervision of one or more members of academic staff
2. two seminars that meet weekly for two hours each during Semester 1
The thesis should be of 18000-20000 words in length. Each seminar requires 6000 words of written work or its equivalent. The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.

The following seminars are on offer in 2011:
Sociology Honours A: Practicing Sociology
Sociology Honours B: Sociological Theory and Knowledge
For more information, contact Dr Jennifer Wilkinson, Honours Coordinator

SCLG4012
Sociology Honours B
Credit points: 12
Session: Semester 1, Semester 2
Corequisites: SCLG4011
refer to SCLG4011

SCLG4013
Sociology Honours C
Credit points: 12
Session: Semester 1, Semester 2
Corequisites: SCLG4012
refer to SCLG4011

SCLG4014
Sociology Honours D
Credit points: 12
Session: Semester 1, Semester 2
Corequisites: SCLG4013
refer to SCLG4011

Spanish and Latin American Studies

SPAN1611
Spanish Level 1
Credit points: 6
Session: Semester 1, Summer Main, Winter Main
Classes: 1x1-hr lecture/week, 1x2-hr tutorial/week, 1x1-hr tutorial/week
Prohibitions: Not to be taken by students with prior knowledge of Spanish.
Assessment: 3x300wd short language tests (20%), oral class tasks (equivalent to 300wds) (10%), 1x2hr final exam (40%), 1xgroup task (equivalent to 500wds) (10%), 1xmultiple choice test (10%), tutorial participation and WebCT tasks (10%)
Note: Students who have already studied Spanish at HSC level, or who have equivalent knowledge, may not take SPAN1611. Students should contact the department, which will determine the appropriate level of enrolment.

This unit of study is for absolute beginners or for students who have no substantial prior knowledge of Spanish. It focuses on the basic vocabulary and grammar necessary to introduce and talk about yourself and other people, and communicate successfully in simple everyday situations, both by speaking and in writing. It also provides an overview of the history, society and culture of the Spanish-speaking countries.

SPAN1612
Spanish Level 2
Credit points: 6
Session: Semester 2, Summer Late
Classes: 1x2-hr tutorial/week, 1x1-hr tutorial/week
Prohibitions: SPAN1611 or SPAN1601, or equivalent knowledge of Spanish
Assessment: 3x300wd short language tests (20%), oral class tasks (equivalent to 300wds) (10%), 1x2hr final exam (40%), 1xgroup task (equivalent to 500wds) (10%), 1xmultiple choice test (10%), tutorial participation and WebCT tasks (10%)
Note: Students who have already studied Spanish at HSC level, or who have equivalent knowledge, may not take SPAN1612. Students should contact the department, which will determine the appropriate level of enrolment.

This unit of study builds on the skills acquired in SPAN1611. It continues to focus on everyday communication but introduces students to more complex grammatical structures such as the past tenses. It also continues our exploration of the history, society and culture of the Spanish-speaking countries.

SPAN2611
Spanish Level 3
Credit points: 6
Session: Semester 1
Classes: 1x1-hr and 1x2-hr language class/week
Prerequisites: SPAN1002 or SPAN1602 or SPAN1612 or 85% in HSC Spanish Beginners
Prohibitions: SPAN2001, SPAN2601, HSC Spanish Continuers Minimum Mark 70%. Assessment: 4x400wd tests (30%), 1x5 minute oral presentation in Spanish (10%), 1x2-hr exam (50%), tutorial participation and web based tasks (10%)

This unit builds on the basic language skills acquired in SPAN1611 and 1612 or HSC Beginners Spanish. It will introduce you to more complex grammatical structures and expand your vocabulary so that you are able to communicate both in writing and speech in a wider variety of situations than you could previously. Activities used in the classroom will be designed to allow you to further explore the culture and history of the Spanish-speaking world as well as improving your Spanish.

SPAN2612
Spanish Level 4
Credit points: 6
Session: Semester 2
Classes: 1x1-hr and 1x2-hr language class/week
Prerequisites: SPAN2611 or SPAN2601
Prohibitions: SPAN2002, SPAN2602, HSC Spanish Continuers Minimum Mark 70%. Assessment: 4x400wd tests (30%), 1x5 minute oral presentation in Spanish (10%), 1x2-hr exam (50%), tutorial participation and web based tasks (10%)

This unit builds on the language skills acquired in SPAN2611. It introduces you to more complex grammatical structures, and expands your vocabulary so that you are able to communicate both in writing and speech in a wider variety of situations, including some more formal or academic uses of the language. Activities used in the classroom are designed to allow you to further explore the culture and history of the Spanish-speaking world as well as improving your Spanish.

SPAN2613
Spanish Level 5
Credit points: 6
Session: Semester 1
Classes: 1x1-hr and 1x2-hr language class/week
Prerequisites: SPAN2612 or SPAN2602, or HSC Spanish Continuers Minimum 70%
Prohibitions: SPAN3601 or SPAN3602
Assessment: 1x30 minute listening test (15%), 1xlanguage portfolio (equivalent to 2000wds) (35%), 1x2-hr exam (45%), class participation (5%)

This unit builds on the language skills acquired in SPAN2612 or HSC Continuers Spanish. It will consolidate your previous knowledge of Spanish and extend it into more complex areas of grammar, vocabulary and expression, so that you are able to communicate in a wide variety of formal and informal situations. Activities used in the classroom are designed to allow you to further explore the culture and history of the Spanish-speaking world as well as improving your Spanish.

SPAN2614
Spanish Level 6
Credit points: 6
Session: Semester 2
Classes: 1x1-hr and 1x2-hr language class/week
Prerequisites: SPAN2613 or SPAN2602
Prohibitions: SPAN3601 or SPAN3602
Assessment: 1x10-15 minute oral test (15%), 1xlanguage portfolio (equivalent to 2000wds) (35%), 1x2hr exam (45%), class participation (5%)

This unit builds on the language skills acquired in SPAN2613. By the end of this unit, you should be a competent and independent user of spoken and written Spanish in most general situations. Activities used in the classroom are designed to allow you to further explore the culture and history of the Spanish-speaking world as well as improving your Spanish.

SPAN2621
Spanish Culture 1
Credit points: 6
Session: Semester 2
Classes: 1x2-hr seminar/week
Prerequisites: SPAN2601 or SPAN2611
Assessment: class participation (5%), 1x3000wd essay (45%), oral presentation (equivalent to 1500wds) (30%), short written tasks (equivalent to 1500wds) (20%)

This unit, taught in Spanish, presents students with a variety of texts of mainstream Spanish literature and film, discussing major cultural trends in the context of the history of Spain in the twentieth century.

SPAN2622
Latin American Culture 1
Credit points: 6
Session: Semester 2
Classes: 1x2-hr seminar/week
Prerequisites: SPAN2601 or SPAN2611
Assessment: 1x3000wd essay
This unit, taught in Spanish, presents students with a variety of Latin American texts from modern and contemporary popular culture. Students are exposed to a range of different traditions and approaches to reading popular forms in the context of the history and culture of Latin America.

SPAN2631
Cultural and Social Change in Spain
Credit points: 6
Session: Semester 1
Classes: 1x1-hr lecture/week, 1x1-hr seminar/week
Prerequisites: 12 junior credit points
Assessment: class participation (30%), 1x oral presentation in a small group (equivalent to 1000wds) and 1x1000w individual written memorandum on research for the presentation (20%), 1x1hr mid-semester in-class test (25%), 1x3000wd research essay (50%)

Spanish society has changed dramatically over the last half century. The restrictions on personal freedoms that were part of the Franco regime have been lifted to reveal a liberal, tolerant European society that nevertheless still shows some elements of its conservative heritage. This unit (taught in English) explores contemporary Spanish society and culture to show the reasons for the changes, and their effects. The areas under discussion will be family, sexuality and gender; class, money and consumerism; and mass/popular culture.

SPAN2641
Filmmaking in the Latin American Context
Credit points: 6
Session: Semester 1
Classes: 1x2-hr seminar/week
Prerequisites: 18 Part A junior credit points
Assessment: 1x1500wd research journal (30%), 1x10 minute oral presentation (15%), 1x2500wd essay (40%), 1xacademic article review (10%), class participation (5%)

This unit, taught in English, will introduce you to Latin American film studies, comprising history, theory and criticism through the exploration of ‘national’ cinema industries. We will examine the history of film production of Mexico, Argentina, Chile and Brazil, looking at the cultural and socio-political context in which filmmaking should be placed. Apart from tracing the history of film production in such countries, we will be focusing on recent developments in this field from the 1990’s to the present day.

SPAN3611
Spanish Level 7
Credit points: 6
Session: Semester 1
Classes: 1x1-hr and 1x2-hr language class/week
Prerequisites: SPAN2614 Prohibitions: SPAN3601 Assessment: 1x5 minute oral presentation (15%), 1xlanguage portfolio (equivalent to 2000wds) (35%), 1x2hr exam (equivalent to 2000wds) (45%), class participation (5%)

This unit is for students who wish to extend their knowledge of Spanish beyond the level of general competence achieved in SPAN2614. It focuses on the use of Spanish in a variety of formal and informal contexts, using authentic materials in order to help you deepen and perfect your Spanish. Class discussion and written tasks will allow you to improve your oral and written competence in Spanish as well as your analytical and communication skills.

SPAN3612
Spanish Level 8
Credit points: 6
Session: Semester 2
Classes: 1x1-hr and 1x2-hr language class/week
Prerequisites: SPAN3611 or SPAN3601 Prohibitions: SPAN3602 Assessment: 1x10-15 minute oral test (15%), 1xlanguage portfolio (equivalent to 2000wds) (35%), 1x2hr exam (45%), class participation (5%)

This unit is for students who wish to extend their knowledge of Spanish to an advanced level of proficiency in all kinds of communicative situations. It focuses on the use of Spanish in a variety of formal and informal contexts, using authentic materials in order to help you deepen and perfect your Spanish. Class discussion and written tasks will allow you to improve your oral and written competence in Spanish as well as your analytical and communication skills.

SPAN3621
Latin American Film and Literature
Credit points: 6
Session: Semester 1
Classes: 1x2-hr seminar/week
Prerequisites: SPAN2602 or SPAN2612 Prohibitions: SPAN2006 Assessment: class participation (10%), short written tasks (1500wds) (20%), 1presentation (equivalent to 1500wds) (20%), 1x3000wd final essay (50%)

In this unit (taught in Spanish) students are exposed to a range of literary and filmic works from Latin America. The unit examines how these two modes of cultural production have interacted and reshaped one another. Literary narratives have changed formally, stylistically and thematically due to the influence of several genres of Mexican, Brazilian and Argentinean cinema, as well as those of Hollywood and European cinema. The unit provides grounding in literary and film theory and familiarises students with debates around industry, audience reception and reading codes.

SPAN3622
Introduction to Spanish Translation
Credit points: 6
Session: Semester 2
Classes: 1x2-hr seminar/week
Prerequisites: SPAN3601 or SPAN2613 or equivalent language knowledge.
Assessment: translation tasks (equivalent to 2000wds) (20%), participation and group work in class (10%), 1xpresentation (equivalent to 1500wds) (20%), 1x1500wd translation analysis (30%), 1xfinal in-class test (equivalent to 1000wds) (20%)

This unit presents an introduction to various aspects of translation and provides practical work in both English and Spanish, translating from a wide range of materials. It will explore modes, techniques and genres in a variety of texts.

SPAN3623
Argentina for Export
Credit points: 6
Session: Semester 1
Classes: 1x1-hr lecture/week, 1x1-hr tutorial/week
Prerequisites: SPAN2602 or SPAN2612 Assessment: 1x3000wd essay (45%), 1x1500wd research journal (25%), 1x500wd group presentation written plan (10%), 1x10 minute group presentation (equivalent to 1000wds) (20%)

This unit (taught in Spanish) explores the images associated with figures such as Eva Perón and Ernesto Che Guevara, the musical genre of tango and the seemingly boundless landscape of Patagonia. We will focus on the way in which different cultural elements frequently perceived as part of Argentina’s cultural history have been created, appropriated and commodified within and beyond the country's national boundaries, giving special attention to globalisation as a framework for approaching the relationship between identity representation and commodification.

SPAN3671
The Stories of Spain: Texts and Contexts
Credit points: 6
Session: Semester 1
Classes: 1x1-hr lecture/week, 1x1-hr tutorial/week
Prerequisites: 12 credit points at Junior level from Part A of the Table of Units of Study Assessment: 1x3000wd essay (50%), 1x in-class presentation (equivalent to 1500wds) (25%), 1x in-class written analysis (equivalent to 1500wds) (25%)

This unit, open to specialists and non-specialists, looks specifically at the types of stories being told in Contemporary Spain and investigates why they are of interest now. It also looks at the developmental nature of narrative. A selection of filmic and literary texts will be studied from different eras though the main focus will be on late twentieth and early twenty-first centuries. The texts will be supported with outside readings to make the stories told relevant to a present-day student.

SPAN1801
Spanish Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

SPAN1802
Spanish Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

SPAN3811
Spanish Studies Exchange
Credit points: 6
Session: Semester 1, Semester 2
Note: Department permission required for enrolment.
SPAN3812
Spanish Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

SPAN3813
Spanish Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

SPAN3814
Spanish Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

SPAN3815
Spanish Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

SPAN3816
Spanish Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

SPAN3817
Spanish Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

SPAN3818
Spanish Studies Exchange
Credit points: 6  Session: Semester 1, Semester 2
Note: Department permission required for enrolment.

SPAN4011
Spanish & Latin American Studies Hons A
Credit points: 12  Session: Semester 1, Semester 2  Classes: Two seminars that meet weekly for two hours each, one in each semester. Prerequisites: 48 senior credit points in Spanish and Latin American Studies with at least a Credit average. At least 24 credit points must be in language units of study. Assessment: A thesis of 18000-20000 words in length and 7000-8000 words of written work or its equivalent for each seminar. Note: Department permission required for enrolment.

The Honours program in Spanish and Latin American Studies consists of:
1. a thesis written under the supervision of one or more members of academic staff.
2. two seminars that meet weekly for two hours, one in each semester. Prerequisites: 48 senior credit points in Spanish and Latin American Studies with at least a Credit average. At least 24 credit points must be in language units of study. Assessment: A thesis of 18000-20000 words in length. Each seminar requires 7000-8000 words of written work or its equivalent. The thesis is worth 60% of the final Honours mark and each of the seminars is worth 20%.

Students may choose, according to their needs, the following suggested pathway models of two seminar courses in 2011:
- Cultural Studies in Hispanophone Contexts, Semester 1 (Dr Anne Walsh, Assoc Prof Kathryn Crameri and Dr Fernanda Peñaloza) AND Citizenship and Belonging in Latino USA, Semester 2 (Dr Vek Lewis) OR
- Cultures and Languages of Spain, Semester 1 (Assoc Prof Kathryn Crameri) AND
- Critical Theory and Methodologies, Semester 2 (Dr Vek Lewis, Dr Anne Walsh and Assoc Prof Kathryn Crameri)

For more information, contact Dr Vek Lewis, Chair of Department.

SPAN4012
Spanish & Latin American Studies Hons B
Credit points: 12  Session: Semester 1, Semester 2  Corequisites: SPAN4011
Refer to SPAN4011

SPAN4013
Spanish & Latin American Studies Hons C
Credit points: 12  Session: Semester 1, Semester 2  Corequisites: SPAN4012
Refer to SPAN4011

SPAN4014
Spanish & Latin American Studies Hons D
Credit points: 12  Session: Semester 1, Semester 2  Corequisites: SPAN4013
Refer to SPAN4011

Writing
No major available.

WRIT1001
Academic English
Credit points: 6  Session: Semester 1, Semester 2, Summer Late, Winter Main Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week  Assessment: 10x200wd written assignments (40%), 1x1000wd oral presentation (20%) and 1x1500wd essay (40%)
Note: Upon registration for this unit students will be directed to an online diagnostic exercise.

The persuasive power of the English language emerges from its richness and variation. This unit teaches students to recognize these complexities as resources for the creative construction of meaning. Students will learn to communicate effectively and clearly in oral and written mediums and critically appraise the variable uses of English in academic contexts, analysing how English is employed across a variety of contexts, including television, technology, and virtual exchanges with universities around the world in the new, networked Writing Hub.

Textbooks

WRIT1002
Academic Writing
Credit points: 6  Session: Semester 1, Semester 2, Summer Late, Winter Main Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week  Assessment: 1x1500wd essay (40%), 3x500wd essays (30%), 1x1500wd final writing task (30%) and participation via online discussion postings (10%)

The ability to devise sound arguments is the cornerstone of success in both the university and the workplace. This unit introduces students to rhetorical reasoning and various theories and practices of academic argumentation. It is designed to improve writing and critical thinking abilities by teaching students to construct persuasive, ethical, and engaging arguments. The unit will focus on the production and reception of arguments across a range of genres, including digital environments. Tutorials are held in the new, networked 'Writing Hub' and feature virtual exchanges with universities around the world.

Textbooks

Yiddish
No guarantee of continuing availability.

YDDH1101
Yiddish 1
Credit points: 6  Session: Semester 1  Classes: 4x1-hr seminars/week  Assessment: 1x2hr final exam (60%), written work (homework and quizzes) (20%), continuous assessment, preparation and participation (20%)

This unit introduces students to Yiddish through a study of its grammar, as well as exercises in conversation and reading. In addition, discussions on the history, linguistics and dialectology of Yiddish will be given in order to prepare students for readings at the senior level.
YDDH1102
Yiddish 2
Credit points: 6  Session: Semester 2  Classes: 4x1-hr seminars/week
Prerequisites: YDDH1101  Assessment: 1x2hr final exam (60%), written work (homework and quizzes) (20%), continuous assessment, preparation and participation (20%)

This unit further develops the study of Yiddish language, building upon the foundations set in YDDH1101. Students continue to learn grammar and vocabulary, through exercises in conversation and reading. As with YDDH1101, discussions on history as well as Yiddish culture and literature will be given in order to prepare students for readings at the senior level.

YDDH2603
Yiddish 3
Credit points: 6  Session: Semester 1  Classes: 4x1-hr seminars/week
Prerequisites: YDDH1102  Prohibitions: YDDH2103, YDDH2104
Assessment: 1x2hr exam (50%), written work (essays and quizzes) (30%), continuous assessment, participation and preparation (20%)

This unit will continue to develop the language foundations built in Yiddish 1 and 2. The unit will focus upon conversation and composition, and includes the reading of selected texts from modern Yiddish literature, as well as an introduction to various media sources. The unit consists of: practical language skills including conversation, composition and comprehension exercises (3 hours per week) and readings from modern literature (1 hour per week).

Textbooks
Recommended:
Weinreich, Uriel, Modern English-Yiddish/Yiddish-English Dictionary. NY:Schocken

YDDH2604
Yiddish 4
Credit points: 6  Session: Semester 2  Classes: 4x1-hr seminars/week
Prerequisites: YDDH2103 or YDDH2603  Prohibitions: YDDH2104
Assessment: 1x2hr exam (50%), written work (essays and quizzes) (30%), continuous assessment, participation and preparation (20%)

This unit continues the program outlined in Yiddish 3: conversation, composition, readings from Yiddish literature, as well as discussion of material gleaned from various media sources. As with other senior Yiddish units, Yiddish 4 consists of practical language skills (3 hours per week) and readings from modern literature (1 hour per week).

Textbooks
Recommended:
Weinreich, Uriel, Modern English-Yiddish/Yiddish-English Dictionary. NY:Schocken

YDDH3605
Yiddish 5
Credit points: 6  Session: Semester 1  Classes: 4x1-hr seminars/week
Prerequisites: YDDH2104 or YDDH2604  Prohibitions: YDDH3105, YDDH3106
Assessment: 1x2hr exam (50%), written work (30%), continuous assessment, participation and preparation (20%)

This unit is designed to strengthen the language foundations built in Yiddish 3 and 4. The unit will continue to focus upon conversation and composition, and includes a reading of selected texts from Yiddish literature, as well as discussion of topics presented in various media sources; each semester's emphasis will vary. The unit of study consists of: practical language skills including conversation, composition and comprehension exercises (3 hours per week) and readings from modern literature (1 hour per week).

Textbooks
Recommended:

YDDH3606
Yiddish 6
Credit points: 6  Session: Semester 2  Classes: 4x1-hr seminars/week
Prerequisites: YDDH3605 or YDDH3105  Prohibitions: YDDH3106
Assessment: 1x2hr exam (50%), written work (30%) and continuous assessment, participation and preparation (20%)

This unit focuses on the developing proficiency of the student. Discussion around current events, historical inquiry and linguistic issues (historical and dialectology) will augment the unit's studies. As with other senior Yiddish units, Yiddish 6 consists of: practical language skills including conversation, composition and comprehension (3 hours per week) and readings from modern literature (1 hour per week).

Textbooks
Recommended:
## Table A

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
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<td>6</td>
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<td>ANHS1600 Foundations for Ancient Greece</td>
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<td>ANHS2610 SPQR: The Senate and the People of Rome</td>
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<td>ANHS2617 Love, Sex and Poetry in Ancient Rome</td>
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<td>ANHS2618 The Later Roman Empire (AD 286-474)</td>
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<td>ANHS2619 The World of Ancient Epic</td>
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<td>ANHS3611 Research Issues in Roman Studies</td>
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### Unit of study

| ANHS4011 | Ancient History Honours A | 12 | P Credit average in 48 credit points of senior Ancient History including ANHS2812 (or equivalent) Note: Department permission required for enrolment |
| ANHS4012 | Ancient History Honours B | 12 | P Refer to ANHS4011 C ANHS4011 |
| ANHS4013 | Ancient History Honours C | 12 | P Refer to ANHS4011 C ANHS4012 |
| ANHS4014 | Ancient History Honours D | 12 | P Refer to ANHS4011 C ANHS4013 |

### Anthropology

ANTH1001 Cultural Difference: An Introduction 6 N ANTH1003 Semester 1 Summer Late
ANTH1002 Anthropology and the Global 6 N ANTH1004 Semester 2
ANTH2601 The Ethnography of Southeast Asia 6 P 12 Junior credit points from Anthropology Semester 1
ANTH2606 Culture and the Unconscious 6 P 12 Junior credit points from Anthropology Semester 1
ANTH2623 Gender: Anthropological Studies 6 P 12 Junior credit points from Anthropology N ANTH2020, ANTH2023 Semester 1 Summer Late
ANTH2625 Culture and Development 6 P 12 Junior credit points from Anthropology Semester 1
ANTH2627 Medical Anthropology 6 P 12 Junior credit points from Anthropology N ANTH2027 Semester 2
ANTH2628 Migration and Migrant Cultures 6 P 12 Junior credit points from Anthropology N ANTH2120, ANTH2121 Semester 2
ANTH2629 Race and Ethnic Relations 6 P 12 Junior credit points from Anthropology N ANTH2117 Semester 2
ANTH2630 Indigenous Australians and Modernity 6 P 12 Junior credit points from Anthropology Semester 2
ANTH2631 Being There: Method in Anthropology 6 P 12 Junior credit points from Anthropology Semester 2
ANTH2653 Economy and Culture 6 P 12 Junior credit points from Anthropology Semester 1
ANTH2655 The Social Production of Space 6 P 12 Junior credit points from Anthropology. N ANTH3911 Semester 1
ANTH2666 History of Anthropological Thought 6 P 12 Junior credit points from Anthropology N ANTH2501 Semester 2
ANTH3601 Contemporary Theory and Anthropology 6 P 12 Senior credit points from Anthropology at credit level or above N ANTH3921, ANTH3922 Semester 1
ANTH3602 Reading Ethnography 6 P 12 Senior credit points from Anthropology at credit level or above N ANTH3611, ANTH3612, ANTH3613, ANTH3614 this unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program Semester 2
ANTH1801 Social Anthropology Exchange 6 Note: Department permission required for enrolment Semester 1 Semester 2
ANTH1802 Social Anthropology Exchange 6 Note: Department permission required for enrolment Semester 1 Semester 2
ANTH2804 Social Anthropology Exchange 6 Note: Department permission required for enrolment Semester 1 Semester 2
ANTH2805 Social Anthropology Exchange 6 Note: Department permission required for enrolment Semester 1 Semester 2
ANTH2806 Social Anthropology Exchange 6 Note: Department permission required for enrolment Semester 1 Semester 2
ANTH2810 Social Anthropology Exchange 6 Note: Department permission required for enrolment Semester 1 Semester 2
ANTH2811 Social Anthropology Exchange 6 Note: Department permission required for enrolment Semester 1 Semester 2
ANTH4011 Social Anthropology Honours A 12 P 48 senior credit points in Anthropology with at least a credit average grade. Units must include ANTH3601 and ANTH3602. Requirements for the Pass degree must be completed before entry to level 4000 honours units of study. C ANTH4012, ANTH4013, ANTH4014 Note: Department permission required for enrolment Semester 1 Semester 2
ANTH4012 Social Anthropology Honours B 12 C ANTH4011 Semester 1 Semester 2
ANTH4013 Social Anthropology Honours C 12 C ANTH4012 Semester 1 Semester 2
ANTH4014 Social Anthropology Honours D 12 C ANTH4013 Semester 1 Semester 2

### Arabic Language, Literature and Culture

ARBC1611 Arabic Introductory 1B 6 N ARBC1311, ARBC1312, ARBC1101, ARBC1102 Semester 1
<table>
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<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
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<td>ARBC2614 Arabic Language and Literature 4B</td>
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<td>P ARBC2103 or ARBC2613</td>
<td>N ARBC2104, ARBC1311, ARBC1312, ARBC2313, ARBC2314, ARBC2633, ARBC2634, ARBC2635, ARBC3635, ARBC3636, ARBC3637, ARBC3638</td>
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<tr>
<td>ARBC2633 Arabic Advanced Language &amp; Literature 3A</td>
<td>6</td>
<td>P HSC Arabic Extension or Arabic Continuers or 70% or above in Arabic Beginners (subject to placement test)</td>
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<td>ARBC3635 Arabic Advanced Translation &amp; Writing 5A</td>
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<td>ARNE2691 Material Culture</td>
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## Arts units of study

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## Art History

### ARHT1001 Art and Experience
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### ARHT1002 Modern Times: Art and Film
6

### ARHT2051 Art and Society in Trecento Italy
6 | P ARHT1001 and ARHT1002 | N ARHT2010 | | | Semester 1 |

### ARHT2052 The Art of France
6 | P ARHT1001 and ARHT1002 | N ARHT2013 | | | Semester 2 |

### ARHT2053 Postwar Australian Art and Film
6 | P ARHT1001 and ARHT1002 | N ARHT2033 | | | Semester 1 |

### ARHT2054 Contemporary Indigenous Australian Art
6 | P ARHT1001 and ARHT1002 | N ARHT2036 | | | Semester 2 |

### ARHT2055 Modern and Contemporary Asian Art
6 | P ARHT1001 and ARHT1002 | (ARHT1001 and ASNS1002) or (ASNS1001 and ASNS1101) | | | Semester 2 |

### ARHT2056 Art and Archaeology of South East Asia
6 | P ARHT1001 and ARHT1002 | (ARHT1001 and ASNS1001/1601 and ASNS1002/1602) or (ARHT1001 and ASNS1001/1601 and ASNS1101) | | | Semester 2 |

### ARHT2057 From Silent to Sound Cinema
6 | P ARHT1001 and ARHT1002 (For Art History Major), ARHT1002 or ENGL1025 or ENGL1026 | N ARHT2052 | (For Film Major) | | Semester 1 |

### ARHT2058 Memory of the World: Key Films
6 | P ARHT1001 and ARHT1002 (For Art History Major), ARHT1002 or ENGL1025 or ENGL1026 | N ARHT2053 | (For Film Major) | | Semester 2 |

### ARHT2059 Modern Cinema: Modes of Viewing
6 | P ARHT1001 and ARHT1002 (For Art History Major), ARHT1002 or ENGL1025 or ENGL1026 | N ARHT2055 | (For Film Major) | | Semester 1 Summer Early |

### ARHT2060 National and Transnational Cinemas
6 | P ARHT1001 and ARHT1002 (For Art History Major), ARHT1002 or ENGL1025 or ENGL1026 | N ARHT2056 | (For Film Major) | | Semester 2 |

### ARHT2061 Art, Travel, Empires
6 | P ARHT1001 and ARHT1002 | N ARHT2071 | | | Semester 1 |

### ARHT1801 Art History and Theory Exchange
6 | Note: Department permission required for enrolment | | | | Semester 1 Semester 2 |

### ARHT2810 Art History and Theory Exchange
6 | Note: Department permission required for enrolment | | | | Semester 1 Semester 2 |

### ARHT2811 Art History and Theory Exchange
6 | Note: Department permission required for enrolment | | | | Semester 1 Semester 2 |
## Unit of study

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### Arts

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### Asian Studies

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<td>ASNS2623 India: Tradition and Modernity</td>
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<td>P 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</td>
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<tr>
<td>ASNS2627 India, China, Tibet: Cultural Relations</td>
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<td>ASNS2631 The Origins of Japanese Tradition</td>
<td>6</td>
<td>P 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</td>
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<td>ASNS2632 Modern Japanese Social History</td>
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<td>ASNS2641 Traditional Korea</td>
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<td>P 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. N ASNS2501</td>
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<tr>
<td>ASNS2642 Modern Korea</td>
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<td>P 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. N ASNS2502</td>
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<tr>
<td>ASNS2663 Social Activism in Southeast Asia</td>
<td>6</td>
<td>P 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</td>
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<tr>
<td>ASNS2670 Mass Media in East Asia</td>
<td>6</td>
<td>P 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. N KRNS2600, ASNS2600</td>
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<tr>
<td>ASNS2672 Japan in East Asia from 1840 until Today</td>
<td>6</td>
<td>P 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook.</td>
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### Arts units of study

<table>
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<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
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<tbody>
<tr>
<td>ASNS3617 Citizens and Politics in China Today</td>
<td>6</td>
<td>P 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. This unit will be taught in English, but a Chinese-language tutorial option may be provided. This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</td>
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<td>ASNS3618 Popular China</td>
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<td>P 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</td>
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<td>ASNS3619 China and Globalisation</td>
<td>6</td>
<td>P 12 credit points from junior level Asian Studies, or other subject areas listed in Table A in the Faculty of Arts Handbook. This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</td>
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<tr>
<td>ASNS3690 Approaches to Research in Asian Studies</td>
<td>6</td>
<td>P Credit average or above in a minimum of 30 senior credit points of Asian studies or Asian language</td>
<td>N ASNS3902, JPNS3902, CHNS3902, INMS3902</td>
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<td>ASNS1801 Asian Studies Exchange</td>
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<td>Note: Department permission required for enrolment</td>
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<td>ASNS2651 Asian Studies Exchange</td>
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<td>Note: Department permission required for enrolment</td>
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<td>ASNS2652 Asian Studies Exchange</td>
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<td>ASNS2653 Asian Studies Exchange</td>
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<td>ASNS2654 Asian Studies Exchange</td>
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<td>ASNS2655 Asian Studies Exchange</td>
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<td>ASNS2656 Asian Studies Exchange</td>
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<td>Note: Department permission required for enrolment</td>
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<td>Semester 1 Semester 2</td>
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<tr>
<td>ASNS4011 Asian Studies Honours A</td>
<td>12</td>
<td>P A Credit average or better in the major, plus 12 additional senior credit points, including ASNS3690 Approaches to Research in Asian Studies</td>
<td>Note: Department permission required for enrolment</td>
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<td>Semester 1 Semester 2</td>
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<td>ASNS4012 Asian Studies Honours B</td>
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<td>ASNS4013 Asian Studies Honours C</td>
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<tr>
<td>ASNS4014 Asian Studies Honours D</td>
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<td>C ASNS4013</td>
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<tr>
<td>BBCL1001 Biblical Studies 1</td>
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<td>BBCL1002 Biblical Studies 2</td>
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<tr>
<td>BBCL2607 Biblical Poetic Books</td>
<td>6</td>
<td>P BBCL1001 or BBCL1002</td>
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<tr>
<td>BBCL2608 Biblical Wisdom Literature</td>
<td>6</td>
<td>P BBCL1001 or BBCL1002</td>
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<td>Semester 2</td>
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<tr>
<td>BBCL2609 Historical Jesus to Written Gospels</td>
<td>6</td>
<td>P BBCL1001 or BBCL1002 or RLST2624 or MGRK2675 or MGRK2676</td>
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<td>Semester 1</td>
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<tr>
<td>BBCL2610 The New Testament as Literature</td>
<td>6</td>
<td>P BBCL1001 or BBCL1002 or RLST2624 or MGRK2675 or MGRK2676</td>
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<tr>
<td>BBCL2801 Biblical In-Country Study A</td>
<td>6</td>
<td>Note: Department permission required for enrolment</td>
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<td>Semester 1 Semester 2</td>
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<tr>
<td>BBCL2802 Biblical In-Country Study B</td>
<td>6</td>
<td>Note: Department permission required for enrolment</td>
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<td>Semester 1 Semester 2</td>
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<tr>
<td>BBCL4011 Biblical Studies Honours A</td>
<td>12</td>
<td>P Credit average in 48 senior credit points from Hebrew, Biblical and Jewish Studies. These credit points must include 24 senior credit points from Biblical Studies and at least 12 senior credit points in Classical Hebrew. Note: Department permission required for enrolment</td>
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<td>Semester 1 Semester 2</td>
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<td>Semester 1 Semester 2</td>
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<tr>
<td>CLST2601 Defining the Celts</td>
<td>6</td>
<td>P 18 Junior Credit Points</td>
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<tr>
<td>CLST2602 Old Irish 2</td>
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<td>P CLST2606</td>
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<tr>
<td>CLST2603 Middle Welsh 2</td>
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## Arts units of study

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<th>Session</th>
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<tr>
<td>CLST2604 Middle Welsh 1</td>
<td>6</td>
<td>P 18 Junior Credit Points</td>
<td>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme</td>
<td>Semester 1</td>
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<tr>
<td>CLST2605 Cells in History</td>
<td>6</td>
<td>P 18 Junior credit points</td>
<td>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme</td>
<td>Semester 2</td>
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<tr>
<td>CLST2606 Old Irish 1</td>
<td>6</td>
<td>P 12 senior credit points</td>
<td>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme</td>
<td>Semester 1</td>
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<tr>
<td>CLST2607 Modern Irish Linguistics</td>
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<tr>
<td>CLST2608 Modern Welsh Language and Culture 1</td>
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<td>P 18 Junior Credit Points</td>
<td>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme</td>
<td>Semester 1</td>
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<tr>
<td>CLST2609 Modern Welsh Language and Culture 2</td>
<td>6</td>
<td>P 18 junior credit points including CLST2608</td>
<td>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme</td>
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<tr>
<td>CLST2610 Modern Irish Language and Culture 1</td>
<td>6</td>
<td>P 18 junior credit points</td>
<td>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme</td>
<td>Semester 1</td>
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<tr>
<td>CLST2611 Modern Irish Language and Culture 2</td>
<td>6</td>
<td>P 18 junior credit points including CLST2610</td>
<td>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme</td>
<td>Semester 2</td>
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<tr>
<td>CLST2612 Scottish Identity, History and Culture</td>
<td>6</td>
<td>P 18 Junior credit points</td>
<td>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (advanced) degree programme</td>
<td>Semester 2</td>
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</tr>
<tr>
<td>CLST4011 Celtic Studies Honours A</td>
<td>12</td>
<td>P A major in Celtic Studies plus 12 additional senior credit points, all with a Credit average Note: Department permission required for enrolment</td>
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<td>Semester 1</td>
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<tr>
<td>CLST4012 Celtic Studies Honours B</td>
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<tr>
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## Chinese Studies

<table>
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<tr>
<th>Unit of study</th>
<th>Credit points</th>
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<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
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<tbody>
<tr>
<td>CHNS1101 Chinese 1A (For Beginners)</td>
<td>6</td>
<td>A This unit of study is suitable for complete beginners and for those students who, in the department's judgement, are best advised to go back to the beginning</td>
<td></td>
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<td>Semester 1</td>
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<tr>
<td>CHNS1102 Chinese 1B (For Beginners)</td>
<td>6</td>
<td>A One semester of Chinese at introductory level</td>
<td>P CHNS1101</td>
<td>N HSC Chinese for Background Speakers, eligibility for CHNS1201 or higher</td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td>CHNS1201 Chinese 1C (For Advanced Beginners)</td>
<td>6</td>
<td>A Native- or near-native fluency in a spoken Chinese language (e.g., Putonghua, Cantonese) combined with no, or very limited, knowledge of characters</td>
<td>C Students are strongly advised to take CHNS1601 Understanding Contemporary China</td>
<td>N HSC Chinese for Background Speakers, eligibility for higher-level classes</td>
<td></td>
<td>Semester 1</td>
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<tr>
<td>CHNS1202 Chinese 1D (For Advanced Beginners)</td>
<td>6</td>
<td>A Native- or near-native fluency in a spoken Chinese language (e.g., putonghua, Cantonese) combined with full mastery (reading and writing) of about 400 to 550 characters and at least basic communicative skills in Putonghua</td>
<td>P CHNS1201</td>
<td>N HSC Chinese for Background Speakers, eligibility for higher-level classes</td>
<td></td>
<td>Semester 2</td>
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<tr>
<td>CHNS1301 Chinese for Background Speakers 1</td>
<td>6</td>
<td>P Must have passed HSC Chinese (Background Speakers) or have completed a major part of their secondary education in Chinese</td>
<td>N CHNS1101, CHNS1102, CHNS2601, CHNS2602</td>
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<td>Semester 1</td>
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<tr>
<td>CHNS1304 Chinese for Background Speakers 2</td>
<td>6</td>
<td>P CHNS1303</td>
<td>N CHNS1101, CHNS1102, CHNS2601, CHNS2602</td>
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<tr>
<td>CHNS1601 Understanding Contemporary China</td>
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<td>N ASNS1101</td>
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<tr>
<td>CHNS2601 Chinese 2A (Lower Intermediate)</td>
<td>6</td>
<td>A One year (approx. 5 hours per week for 26 weeks) of Chinese at introductory level</td>
<td>P CHNS1102</td>
<td>N HSC Chinese for Background Speakers or equivalent, CHNS2101</td>
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<td>Semester 1</td>
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<tr>
<td>CHNS2602 Chinese 2B (Lower Intermediate)</td>
<td>6</td>
<td>A Sound intermediate knowledge of Modern Standard Chinese, including full mastery of about 1000 characters (preferably full-form), P CHNS2601 or CHNS2101</td>
<td>N HSC Chinese for Background Speakers or equivalent, CHNS2102</td>
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<td>Semester 2</td>
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<tr>
<td>CHNS2611 Classical Chinese A</td>
<td>6</td>
<td>A Minimum of one year of Chinese at introductory level</td>
<td>P CHNS1102 or CHNS2102 or CHNS2602 or CHNS3602 or CHNS3604 or CHNS2102 or CHNS3104 or CHNS2604</td>
<td>N HSC Chinese for Background Speakers (or equivalent), CHNS2111, CHNS2603, CHNS3113</td>
<td>Note: Department permission required for enrolment</td>
<td>Semester 1</td>
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<tr>
<td>CHNS2612 Classical Chinese B</td>
<td>6</td>
<td>P CHNS2611 or CHNS2111 or HSC Chinese for Background Speakers or CHNS1313 or CHNS2903</td>
<td>N CHNS2112, CHNS2904, CHNS3114</td>
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<tr>
<td>CHNS3601 Chinese 3A (Upper Intermediate)</td>
<td>6</td>
<td>A Two years of university-level Chinese-language instruction for students without prior knowledge of Chinese</td>
<td>P CHNS2602 or CHNS1202</td>
<td>N HSC Chinese for Background Speakers, CHNS3103</td>
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<td>Unit of study</td>
<td>Credit points</td>
<td>A: Assumed knowledge</td>
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<td>C: Corequisites</td>
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<td>Session</td>
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<tr>
<td>CHNS3602 Chinese 3B (Upper Intermediate)</td>
<td>6</td>
<td>A Two and a half years of university-level Chinese-language instruction for students without prior knowledge of Chinese.</td>
<td>P CHNS2601 or CHNS2602</td>
<td>N CHNS3103</td>
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<td>CHNS3603 Chinese 4A (Advanced)</td>
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<td>P CHNS3102 or CHNS3104</td>
<td>N CHNS3103</td>
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<tr>
<td>CHNS3604 Chinese 4B (Advanced)</td>
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<td>P CHNS3102 or CHNS3104</td>
<td>N CHNS3103</td>
<td>CHNS3104</td>
<td>Semester 2</td>
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<tr>
<td>CHNS3611 Chinese for Specific Purposes 1</td>
<td>6</td>
<td>A No knowledge of the Chinese language or literature is required unless specified below.</td>
<td>P 12 junior non-language credit points from Table A of the Table of Units of Study in the Faculty of Arts.</td>
<td>N CHNS3103</td>
<td>CHNS3104</td>
<td>Semester 1</td>
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<tr>
<td>CHNS3612 Chinese for Specific Purposes 2</td>
<td>6</td>
<td>A No knowledge of the Chinese language or literature is required unless specified below.</td>
<td>P 12 junior non-language credit points from Table A of the Table of Units of Study in the Faculty of Arts.</td>
<td>N CHNS3103</td>
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<td>Semester 2</td>
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<tr>
<td>CHNS3633 Lu Xun and China's Modern Literature</td>
<td>6</td>
<td>A No knowledge of the Chinese language or literature is required unless specified below.</td>
<td>P 12 junior non-language credit points from Table A of the Table of Units of Study in the Faculty of Arts.</td>
<td>N CHNS3103</td>
<td>CHNS3104</td>
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<tr>
<td>CHNS3634 Gender in Modern Chinese Literature</td>
<td>6</td>
<td>A Basic knowledge of Classical Chinese</td>
<td>P CHNS2601 or CHNS2602</td>
<td>N CHNS2601</td>
<td>CHNS3103</td>
<td>Semester 2</td>
</tr>
<tr>
<td>CHNS3640 Chinese History Through Chinese Eyes</td>
<td>6</td>
<td>A At least a year of Modern Standard Chinese at tertiary level (or equivalent).</td>
<td>P CHNS2601 or CHNS2602</td>
<td>N CHNS2601</td>
<td>CHNS3103</td>
<td>Semester 1</td>
</tr>
<tr>
<td>CHNS3647 Classical Chinese Poetry</td>
<td>6</td>
<td>A No knowledge of Chinese language is required unless specified below.</td>
<td>P 12 junior non-language credit points from Table A of the Table of Units of Study in the Faculty of Arts.</td>
<td>N CHNS3103</td>
<td>CHNS3104</td>
<td>Semester 2</td>
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<tr>
<td>CHNS2650 Chinese In-Country Study A</td>
<td>6</td>
<td>A No knowledge of the Chinese language is required unless specified below.</td>
<td>P 12 junior non-language credit points from Table A of the Table of Units of Study in the Faculty of Arts.</td>
<td>N CHNS3103</td>
<td>CHNS3104</td>
<td>Semester 1</td>
</tr>
<tr>
<td>CHNS2651 Chinese In-Country Study B</td>
<td>6</td>
<td>A No knowledge of the Chinese language is required unless specified below.</td>
<td>P 12 junior non-language credit points from Table A of the Table of Units of Study in the Faculty of Arts.</td>
<td>N CHNS3103</td>
<td>CHNS3104</td>
<td>Semester 2</td>
</tr>
<tr>
<td>CHNS2652 Chinese In-Country Study C</td>
<td>6</td>
<td>A No knowledge of the Chinese language is required unless specified below.</td>
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## Unit of study

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### Digital Cultures

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<td>ENGL2659 The 18th Century: Scandal &amp; Sociability</td>
<td>6 P 12 junior credit points in English This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</td>
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<td>ENGL3603 Contemporary British Literature</td>
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<td>ENGL3612 Metaphor and Meaning</td>
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<tr>
<td>ENGL3633 Introduction to Old English</td>
<td>6 P Credit or above in 12 senior credit points of English N Students who have completed ENGL3621, ENGL3622, ENGL3631, ENGL3632 must consult the unit co-ordinator. This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</td>
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<td>ENGL3634 Continuing Old English</td>
<td>6 P ENGL3633 N Students who have completed ENGL3621, ENGL3622, ENGL3631, ENGL3632 must consult the unit co-ordinator. This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</td>
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<td>ENGL3635 Introduction to Old Norse</td>
<td>6 P Credit or above in 12 senior credit points of English N Students who have completed ENGL3621, ENGL3622, ENGL3631, ENGL3632 must consult the unit co-ordinator. This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</td>
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## Arts units of study

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<th>P: Prerequisites</th>
<th>C: Corequisites</th>
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<td>ENGL3642 Studies in Medieval Literatures</td>
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<td>ENGL3651 Christopher Marlowe</td>
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<td>ENGL3655 The Literary in Theory</td>
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<td>ENGL3658 Narrative Trauma</td>
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<td>ENGL3662 Aesthetics and Aesteticism</td>
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<td>ENGL4101 English Honours A</td>
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<td>P Credit average in 48 senior English credit points including ENGL3655 or both ENGL3962 and ENGL3964</td>
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<td>ENGL4102 English Honours B</td>
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<td>ASLT2602 Revolutionary Writing?: 1960s and beyond</td>
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<td>ASLT2619 Australian Gothic</td>
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<td>ASLT2620 Writing Australian Nature</td>
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<td>This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</td>
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<td>ASLT2622 Australian Modernism</td>
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<td>P 12 junior credit points from Table A</td>
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<td>ASLT4011 Australian Literature Honours A</td>
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<td>ASLT4012 Australian Literature Honours B</td>
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<td>ASLT4013 Australian Literature Honours C</td>
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<td>ASLT4014 Australian Literature Honours D</td>
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### European Studies

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<tr>
<td>EUST2601 Europe: Civilisation and Barbarism</td>
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<tr>
<td>EUST2605 Europe: Literature and Dictatorship</td>
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Note: Department permission required for enrolment
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<th>Unit of study</th>
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<td>EUST2611 European &amp; Middle Eastern Myth &amp; Legend</td>
<td>6</td>
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<td>At least 18 junior credit points from Part A of the Table of Units of Study, of which 12 credit points are from one subject</td>
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<tr>
<td>EUST2612 Regionalisms in Europe &amp; the Middle East</td>
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<td>At least 18 junior credit points from Part A of the Table of Units of Study, of which 12 credit points are from one subject</td>
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<td>EUST2605 European Studies Exchange</td>
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<td>EUST2606 European Studies Exchange</td>
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<td>EUST2608 European Studies Exchange</td>
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<tr>
<td>EUST4011 European Studies Honours A</td>
<td>12</td>
<td>P</td>
<td>A Credit average in 36 senior credit points of European Studies units, plus either 12 advanced level credit points OR 24 introductory / intermediate level credit points of a European language (other than English) or a Middle Eastern language. Note: Department permission required for enrolment</td>
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### Film Studies

| FILM2810 Film Studies Exchange                   | 6             | Note: Department permission required for enrolment | Semester 1 |
| FILM2811 Film Studies Exchange                   | 6             | Note: Department permission required for enrolment | Semester 2 |
| FILM2812 Film Studies Exchange                   | 6             | Note: Department permission required for enrolment | Semester 1 |
| FILM2813 Film Studies Exchange                   | 6             | Note: Department permission required for enrolment | Semester 2 |
| FILM2814 Film Studies Exchange                   | 6             | Note: Department permission required for enrolment | Semester 1 |
| FILM2815 Film Studies Exchange                   | 6             | Note: Department permission required for enrolment | Semester 2 |
| FILM4101 Film Studies Honours A                  | 12            | P                    | A Credit average or better in 48 senior credit points in Film Studies. Candidates who do not have this prerequisite should contact the Honours Coordinator to determine possible waiving of the prerequisite Note: Department permission required for enrolment | Semester 1 |
| FILM4102 Film Studies Honours B                  | 12            | C                    | FILM4101         | Semester 2   |
| FILM4103 Film Studies Honours C                  | 12            | C                    | FILM4102         | Semester 2   |
| FILM4104 Film Studies Honours D                  | 12            | C                    | FILM4103         | Semester 2   |

### French Studies

<p>| FRNC1611 Junior French Introductory 1            | 6             | P                    | Complete beginners, or less than 2 years of French, or less than 65% in Beginners HSC French N FRNC1101 | Semester 1 |
| FRNC1612 Junior French Introductory 2            | 6             | P                    | FRNC1611 or FRNC1101 N FRNC1102 | Semester 2 |
| FRNC1621 Junior French Intermediate 3            | 6             | P                    | Less than 80% in HSC French Continuers or more than 65% in HSC French Beginners N FRNC1201 | Semester 1 |
| FRNC1622 Junior French Intermediate 4            | 6             | P                    | FRNC1621 or FRNC1201 N FRNC1202 | Semester 1 |
| FRNC1631 Junior French Advanced 5                | 6             | P                    | HSC French Continuers and Extension or more than 80% in Continuers French N FRNC1301 | Semester 1 |
| FRNC1632 Junior French Advanced 6                | 6             | P                    | FRNC1631 or FRNC1301 N FRNC1302 | Semester 2 |
| FRNC2611 Senior French Intermediate 1            | 6             | P                    | FRNC2612, FRNC1612, FRNC1202, FRNC1102 N FRNC2103 | Semester 1 |
| FRNC2612 Senior French Intermediate 2            | 6             | P                    | FRNC2611, FRNC2103 N FRNC2104 | Semester 2 |
| FRNC2614 French Reading 1: Text and Society     | 6             | P                    | FRNC1612, FRNC1622, FRNC1102, FRNC1202 N FRNC2621, FRNC3631, FRNC2501, FRNC3621, FRNC3622 | Semester 1 |
| FRNC2615 Literature and Theatre                 | 6             | P                    | FRNC2614, FRNC2501 N FRNC2502, FRNC2622, FRNC3631, FRNC3621, FRNC3622 | Semester 2 |
| FRNC2621 Senior French Intermediate 3            | 6             | P                    | FRNC2621 or FRNC2104 N FRNC3105 | Semester 1 |</p>
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<th>Credit points</th>
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<td>FRNC2622  Senior French Intermediate 4</td>
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<td>FRNC2651  Introduction à la Linguistique</td>
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<td>FRNC3655  French Translation</td>
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<td>FRNC3682  French Popular Culture</td>
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<td>FRNC3686  Le Grand siècle: 17th century France</td>
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<td>P 48 senior credit points (with Credit average or better) including FRNC2666 Research Methods in French Studies and FRNC3631 Senior French Language (or equivalent).</td>
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**Gender Studies**

| GCST1602  Introduction to Gender Studies         | 6             |                        |                |                |                | Semester 2               |
| GCST2604  Sex, Violence and Transgression         | 6             | P 18 Junior credit points | N WMST2004     |                |                | Semester 2 Summer Early  |
| GCST2607  Bodies, Sexualities, Identities         | 6             | P 18 junior credit points. | N WMST2007    |                |                | Semester 1 Summer Main   |
| GCST2609  Masculinity, Mateship and Men's Lives   | 6             | P 18 Junior credit points | N WMST2009     |                |                | Semester 2 Winter Main   |
| GCST2610  Intimacy, Love and Friendship           | 6             | P 18 Junior credit points | N WMST2010     |                |                | Semester 2               |
| GCST2614  The Body: Theories, Practices, Cultures | 6             | P 18 Junior credit points | N WMST2012     |                |                | Semester 2               |
| GCST2804  Gender Studies Exchange                 | 6             | Note: Department permission required for enrolment |                |                |                | Semester 1 Semester 2    |
| GCST2805  Gender Studies Exchange                 | 6             | Note: Department permission required for enrolment |                |                |                | Semester 1 Semester 2    |
| GCST2806  Gender Studies Exchange                 | 6             | Note: Department permission required for enrolment |                |                |                | Semester 1 Semester 2    |

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## Arts units of study

### Unit of study: Gender Studies Exchange

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<td>GCST4101</td>
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<td>Note: Department permission required for enrolment</td>
<td>The Honours in Gender Studies and Honours in Cultural Studies programs are structured in the same way. For each, a student must enrol in GCST4101 Arguing the Point and GCST4102 Research Skills. Every student then takes four Honours Thesis units and two Honours Seminar units, in Gender Studies or Cultural Studies respectively. It is also possible to do combined Honours by enrolling in one Seminar and two Thesis units from each discipline. All Honours students are also expected to attend the Departmental research seminar series. Available only to students who commenced Cultural Studies or Gender Studies Honours prior to 2010.</td>
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### Unit of study: Germanic Studies

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<td>GRMN1122</td>
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#### Note:
- A: Assumed knowledge
- P: Prerequisites
- C: Corequisites
- N: Prohibition
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<td>GRMN2638 Gender &amp; Sexuality in German Literature</td>
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**Global Studies**

For continuing Bachelor of Global Studies students only.

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**Government and International Relations**

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<tr>
<td>GOVT1104 Power in Society</td>
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<td>GOVT1105 Geopolitics</td>
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<td>GOVT1202 World Politics</td>
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<td>GOVT2111 Human Rights and Australian Politics</td>
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<td>GOVT2114 The Australian Political Party System</td>
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<td>GOVT2116 Australian Foreign and Defence Policy</td>
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<td>GOVT2119 Southeast Asia: Dilemmas of Development</td>
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<td>P 12 Junior credit points from Government N GOVT2201</td>
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<td>GOVT2225 International Security in 21st Century</td>
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<td>P 12 Junior credit points from Government N GOVT2205</td>
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<td>GOVT2228 Environmental Politics</td>
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<td>GOVT2444 Europe in World Affairs</td>
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<td>GOVT2446 Reform, Revolution and Post Communism</td>
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<td>GOVT2603 Media Politics</td>
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<td>GOVT2611 Capitalism and Democracy in East Asia</td>
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<td>GOVT2801 Applied International Studies</td>
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<tr>
<td>GOVT3993 Power</td>
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<td>GOVT3994 Research Preparation</td>
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<td>P 12 Senior credit points from Government and GOVT2991, each at the level of Credit or better, or with the consent of the Honours Coordinator, Dr John Mikler. N GOVT3992</td>
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## Arts units of study

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### Greek (Ancient)

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<td>GRKA3604 Greek Philosophical Texts</td>
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### Hebrew (Classical)

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## Arts units of study

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<td>P 48 senior credit points of History (up to 18 credit points of which may be cross-listed), including HSTY2691, with an average mark in those units of study of credit or better. Students who do not meet this requirement, however, may apply to the Honours Coordinator for a waiver to permit their entry into the honours program. Note: Department permission required for enrolment</td>
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**Indigenous Australian Studies**

| KOCR2600 Indigenous Australia: An Introduction   | 6             | P 18 junior credit points                                                           |                                                                                |                                                                                |                                                                                | Semester 1   |
| KOCR2602 Issues in Indigenous Rights             | 6             | P KOCR2100 or KOCR2600                                                             | N KOCR2102                                                                       |                                                                                |                                                                                | Semester 2   |
| KOCR2603 Indigenous Health and Communities       | 6             | P KOCR2100 or KOCR2600                                                             |                                                                                |                                                                                |                                                                                | Semester 2   |
| KOCR2604 Colours of Identity: Indigenous Bodies  | 6             | P 18 junior credit points                                                           |                                                                                |                                                                                |                                                                                | Semester 1   |
| KOCR2605 Speaking Gamilaraay 1                   | 6             |                                                                                |                                                                                |                                                                                |                                                                                | Semester 1   |
| KOCR2607 Indigenous Creative Expression           | 6             | P 18 junior credit points                                                           |                                                                                |                                                                                |                                                                                | Semester 1   |
| KOCR2609 Indigenous Political Movements           | 6             | P KOCR2600 and KOCR2602                                                            |                                                                                |                                                                                |                                                                                | Semester 2   |
| KOCR2610 Indigenous Community Development         | 6             | P KOCR2600 and KOCR2603                                                            |                                                                                |                                                                                |                                                                                | Semester 1   |
| KOCR2611 Issues in Indigenous History             | 6             | P 12 credit points junior history                                                  | C KOCR2600                                                                       |                                                                                |                                                                                | Semester 2   |
| KOCR3602 Race, Racism and Indigenous Australia    | 6             | P KOCR2600                                                                        |                                                                                |                                                                                |                                                                                | Semester 1   |
| KOCR3607 Reawakening Australian Languages         | 6             | P KOCR2600                                                                        |                                                                                |                                                                                |                                                                                | Semester 2   |

**Indonesian Studies**

| INMS1101 Indonesian 1A                           | 6             | N Native or near native speakers of Indonesian or Malay, HSC Continuers, or Extension Indonesian or Beginners Indonesian with 75% or above |                                                                                |                                                                                |                                                                                | Semester 1   |
| INMS1102 Indonesian 1B                           | 6             | P INMS1101, INMS1102                                                             | N INMS1101, INMS1102                                                             |                                                                                |                                                                                | Semester 2   |
| INMS2601 Indonesian 2A                           | 6             | P INMS1102 or HSC Continuers or Extension Indonesian or HSC Beginners Indonesian 75% and above | N 8 credit point units of study numbered INMS2101 or above                      |                                                                                |                                                                                | Semester 1   |
| INMS2602 Indonesian 2B                           | 6             | P INMS2101 or INMS2601                                                           | N 8 credit point units of study numbered INMS2102 or above                      |                                                                                |                                                                                | Semester 2   |
| INMS3601 Indonesian 3A                           | 6             | P INMS2102 or INMS2602                                                           | N 8 credit point units of study numbered INMS2102 or above                      |                                                                                |                                                                                | Semester 1   |
| INMS3602 Indonesian 3B                           | 6             | P INMS3101 or INMS3601                                                           | N 8 credit point units of study numbered INMS3101 or above                      |                                                                                |                                                                                | Semester 2   |
| INMS3605 Autonomy and Human Rights in Indonesia  | 6             | P INMS3102 or INMS3602                                                           |                                                                                |                                                                                |                                                                                | Semester 1   |
| INMS3606 Enculturating the Indonesian Nation     | 6             | P INMS3102 or INMS3602                                                           |                                                                                |                                                                                |                                                                                | Semester 2   |
| INMS3607 Indonesia: The Challenges of Development| 6             | P INMS3102 or INMS3602                                                           |                                                                                |                                                                                |                                                                                | Semester 1   |
| INMS3608 Indonesia in Search of Modernity        | 6             | P INMS3102 or INMS3602                                                           |                                                                                |                                                                                |                                                                                | Semester 2   |
| INMS2650 Indonesian In-Country Study A           | 6             | P INMS1102 or INMS2101 or INMS2601                                              | Note: Department permission required for enrolment                              |                                                                                |                                                                                | Semester 1   |
| INMS2651 Indonesian In-Country Study B           | 6             | P INMS1102 or INMS2101 or INMS2601                                              | Note: Department permission required for enrolment                              |                                                                                |                                                                                | Semester 1   |
| INMS2652 Indonesian In-Country Study C           | 6             | P INMS1102 or INMS2101 or INMS2601                                              | Note: Department permission required for enrolment                              |                                                                                |                                                                                | Semester 1   |
| INMS2653 Indonesian In-Country Study D           | 6             | P INMS1102 or INMS2101 or INMS2601                                              | Note: Department permission required for enrolment                              |                                                                                |                                                                                | Semester 1   |
## Unit of study

### Arts units of study

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
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<td>Note: Department permission required for enrolment</td>
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<tr>
<td>INMS4011 Indonesian and Malay Studies Honours A</td>
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<td>P A major in Indonesian Studies with a Credit average or better, or departmental permission</td>
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<tr>
<td>INMS4014 Indonesian and Malay Studies Honours D</td>
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### International and Comparative Literary Studies

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<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
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<tr>
<td>ICLS2621 Love in Different Languages</td>
<td>6</td>
<td>P At least 18 junior credit points from any department in the Faculty of Arts from Table A, of which 12 credit points are from one subject</td>
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<tr>
<td>ICLS2624 Great Books 1: The Human Condition</td>
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<td>P 18 Junior credit points from any department in the Faculty of Arts from Table A, of which 12 credit points are from one subject</td>
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<tr>
<td>ICLS2637 Watching Stars: Film and the Star System</td>
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<tr>
<td>ICLS2641 What is Literature? Crosscultural Views</td>
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<td>ICLS4011 Int Comparative Literary Studies Honours A</td>
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<td>P Credit average in 48 senior credit points of ICLS, of which at least 36 senior credit points should be from ICLS units including exchange units, and 12 may be from cross-listed units from the School of Languages and Cultures or the Department of English. A reading knowledge of one language other than English is also required. Students not meeting these criteria may apply for special permission from the Director of ICLS. Special transitional entry arrangements will be made for students undertaking Honours in 2010.</td>
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### International and Global Studies

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<tr>
<td>INGS1002 Global Culture and Society</td>
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<tr>
<td>INGS2601 Transnational Spaces and Networks</td>
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<td>P INGS1001 and INGS1002 or permission from Bachelor of International and Global Studies Director.</td>
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Note: Department permission required for enrolment
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<tr>
<td>ITLN3679 Filming Fiction: The Italian Experience</td>
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<td>P One of ITLN1612, ITLN1632, ITLN1102, ITLN1202, ITLN1302, HSC Italian Continuers or Beginners</td>
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<td>ITLN3688 Advanced Italian: Translation</td>
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<td>12</td>
<td>P Students must have qualified for the award of the pass degree with a major in Italian (36 senior credit points). They will have completed an additional 12 credit points, normally including the special entry unit ITLN3691. Intending Honours students should attain a Credit average result in senior Italian units of study taken as a part of their major.</td>
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Arts units of study
## Unit of study Credit points A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition Session

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<th>C: Corequisites</th>
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### Japanese Studies

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<td>N JPN1121</td>
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<td>N JPN1124, JPN2222</td>
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<td>JPN3676 Monsters &amp; Ghosts: Japanese Fantasy &amp; SF</td>
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<td>JCTC1001 Palestine: Roman Rule to Islam</td>
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<td>KRNS4011 Korean Honours A</td>
<td>12</td>
<td>P Students must obtain a Credit average or better in their Korean Studies major and have taken an additional 12 credit points from KRNS or cross-listed ASNS units, including ASNS3690: Approaches to Research in Asian Studies. Note: Department permission required for enrolment</td>
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<td>P Credit average in 42 senior credit points of Latin including two of LATN3603, 3604, 3605, 3606 plus 6 additional senior credit points of Greek, Latin or Ancient History. Note: Department permission required for enrolment</td>
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**Legal Studies**

For continuing Bachelor of Arts and Sciences students only - no major available.

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<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
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<td>SLSS1001 Introduction to Socio-Legal Studies</td>
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<td>LNGS1001 Structure of Language</td>
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<td>LNGS1002 Language and Social Context</td>
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<td>6</td>
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<td>LNGS2611 Australia's Indigenous Languages</td>
<td>6</td>
<td>P One of LNGS1001, LNGS1004, LNGS1005 and (one of LNGS1002, LNGS1003)</td>
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<tr>
<td>LNGS2612 Language Variation and Change</td>
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<td>P Two of LNGS1001, LNGS1002, LNGS1003, LNGS1004 and LNGS1005</td>
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<td>LNGS2517 Cross-Cultural Communication</td>
<td>6</td>
<td>P Either (two of LNGS1001, LNGS1002, LNGS1003, LNGS1004, LNGS1005) or (Credit average in 12 Senior credit points from one of the foreign languages (French, Japanese, Chinese, Italian, Arabic, Spanish, German, Latin, Modern Greek, Ancient Greek, Indonesian, Malay, Korean, Thai, Yiddish, Hebrew, Syriac, Aramaic, Sanskrit))</td>
<td>N LNGS3903, LNGS3902</td>
<td>This unit is available as a designated 'Advanced' unit for students who are already enrolled in the BA (Advanced) degree program.</td>
<td>Semester 2, Winter Main</td>
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<td>LNGS2621 Phonology</td>
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<tr>
<td>LNGS3601 Semantics and Pragmatics</td>
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<td>P one of LNGS2602 [Syntax], LNGS2603 [Functional Grammar], ENGL2619 [Semiotics of Language] and ENGL2653 [Varieties of English Grammar]</td>
<td>N LNGS3026, LNGS3006</td>
<td>Compulsory for Honours students; other students may select as an option. This unit is available as a designated 'Advanced' unit to students enrolled in the BA (Advanced) degree program.</td>
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<td>LNGS3605 Structure and Use of a Language</td>
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<td>P LNGS2601 (or LNGS2001) and one of LNGS2602, LNGS2002, LNGS2003, LNGS2004</td>
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<td>LNGS3606 Genre and Register</td>
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<td>LNGS3608 Corpus Linguistics and Linguistic Theory</td>
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<td>LNGS3609 Media Discourse</td>
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<td>LNGS4011 Linguistics Honours A</td>
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### Arts units of study

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<td>MECO1001 Australian Media Studies</td>
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<td>MECO1002 Media and Communications Landscapes</td>
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<td>MECO2001 Radio Broadcasting</td>
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<td>MECO2003 Media Relations</td>
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<td>P 12 junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) N MECO2003 available to BA (Media and Comm) and BSc (Media and Comm) students only</td>
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<td>MECO3001 Video Production</td>
<td>6</td>
<td>P 12 junior credit points of MECO units plus (one of WRIT1001, WRIT1002, ENGL1025, ENGL1007) N MECO3001 Available to BA (Media and Comm) and BSc (Media and Comm) students only</td>
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<tr>
<td>MECO3002 Online Media</td>
<td>6</td>
<td>P 12 Junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) N MECO3002 Available to BA (Media and Comm) and BSc (Media and Comm) students only</td>
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<tr>
<td>MECO3003 Media, Law and Ethics</td>
<td>6</td>
<td>P 12 junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) N MECO3003 Note: Department permission required for enrolment Available to BA (Media and Comm) and BSc (Media and Comm) students only. Students wishing to enrol should see Steven Maras (unit of study coordinator) or Marc Brennan (undergraduate coordinator).</td>
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<td>MECO3005 Media Globalisation</td>
<td>6</td>
<td>P 12 Junior credit points of MECO units plus one of the following (WRIT1001, WRIT1002, ENGL1025, ENGL1007) N MECO3005 Available to BA (Media and Comm) and, subject to departmental approval, students undertaking a major in Cultural Studies.</td>
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<td>MECO3006 Advanced Media Writing</td>
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<td>MECO3009 Critical Practice in Media</td>
<td>6</td>
<td>P (12 junior and 42 senior credit points of MECO units) and (one of WRIT1001, WRIT1002, ENGL1025, ENGL1007) Available to BA (Media and Comm) and BSc (Media and Comm) students only.</td>
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<td>MECO3010 Media and Communications Internship</td>
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<td>P 30 junior credit points of MECO, including (MECO3063 or MECO3003). Students may not enrol in MECO3672 prior to the second semester of their 3rd year. N MECO3001, MECO3002 Available to BA (Media and Comm) and BSc (Media and Comm) students only.</td>
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<tr>
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<td>6</td>
<td>P 30 junior credit points of MECO, including two of (MECO3062, MECO3063, MECO3002, MECO3003). Note: Department permission required for enrolment Students may not enrol in MECO3672 prior to the first semester of their 4th year. All students must attend the Week One lecture, at which they sign up for one of 3 cycles of 4 x 2-hour seminars.</td>
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<tr>
<td>MECO4001 Media and Communications Honours A</td>
<td>12</td>
<td>P Average of high credit or above in senior units within the completed BA (Media and Communications) Note: Department permission required for enrolment</td>
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<td>MECO4002 Media and Communications Honours B</td>
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<td>MECO4004 Media and Communications Honours D</td>
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<td>C MECO4013</td>
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<td>Semester 1</td>
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<td>MECO4005 Honours Thesis A</td>
<td>6</td>
<td>Note: Department permission required for enrolment Available only to students who commenced Media and Communications Honours prior to 2010</td>
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<td>C: Corequisites</td>
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<td>Available only to students who commenced Media and Communications Honours prior to 2010</td>
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<tr>
<td><strong>Medieval Studies</strong></td>
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<tr>
<td>MDST2611 Medieval Heroes and Heroines</td>
<td>6</td>
<td>P At least 18 junior credit points from Table A, of which 12 credit points are from one subject area</td>
<td>This unit of study may be counted towards majors in History, French Studies, English, and European Studies</td>
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<tr>
<td>MDST2612 Byzantium between East and West</td>
<td>6</td>
<td>P 18 junior credit points from Table A of which 12 credit points are from one subject area</td>
<td>This unit of study may be counted towards majors in History and Modern Greek</td>
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<tr>
<td>MDST2614 The Legend of King Arthur</td>
<td>6</td>
<td>P Credit average in at least 48 senior credit points from Medieval Studies units of study or from cross-listed units of study (including at least two MDST units of study to the value of 12 credit points).</td>
<td>Note: Department permission required for enrolment</td>
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<tr>
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<td>MGRK1622 Junior Modern Greek 4</td>
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<td>MGRK2601 Senior Modern Greek 1</td>
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<td>P MGRK1102 or MGRK1602</td>
<td>N MGRK1501, MGRK2001</td>
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<tr>
<td>MGRK2602 Senior Modern Greek 2</td>
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<td>N MGRK1502, MGRK2002</td>
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<td>MGRK2603 Style and Expression</td>
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<td>N MGRK2203</td>
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<td>MGRK2605 Theory and Practice of Translation B</td>
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<td>N MGRK3211</td>
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<td>MGRK2622 The Other Road to Greek Modernity</td>
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<td>MGRK2655 Modern Greek Art</td>
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<td>MGRK2675 New Testament Greek and its World A</td>
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<td>P 12 junior credit points in any subject</td>
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<tr>
<td>MGRK2691 Sociolinguistics in the Greek Diaspora</td>
<td>6</td>
<td>P Credit or above in MGRK1402 or MGRK1622 or MGRK2002 or MGRK2602</td>
<td>N MGRK2904</td>
<td>Note: Department permission required for enrolment</td>
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<td>MGRK3633 Greekness and Hellenism</td>
<td>6</td>
<td>P MGRK1621 or MGRK2601</td>
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<tr>
<td>MGRK3692 Theories of Literature</td>
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<td>N MGRK3901</td>
<td>Note: Department permission required for enrolment</td>
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<td>MGRK3912 Modern Greek Exchange</td>
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<tr>
<td>MGRK3914 Modern Greek Exchange</td>
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<tr>
<td>MGRK3915 Modern Greek Exchange</td>
<td>6</td>
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211
### Arts units of study

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<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
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<tbody>
<tr>
<td>MGRK4011 Modern Greek Honours A</td>
<td>12</td>
<td>P A major in Modern Greek plus 12 additional credit points which must include MGRK2904 or MGRK2903 and MGRK3901 or MGRK3692. Note: Department permission required for enrolment</td>
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<td>MGRK4012 Modern Greek Honours B</td>
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### Music

<table>
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<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
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<th>C: Corequisites</th>
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<th>Session</th>
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<tbody>
<tr>
<td>MUSC1501 Concepts of Music</td>
<td>6</td>
<td>P At least 67% in the NSW HSC Music 2 or Music Extension, IB High Level Music or the equivalent skills as determined by the Chair of Unit N MUSC1503, MUSC1504, MUSC2693 The Arts Music Unit holds a diagnostic test in the week before Semester 1 begins for those students who have not passed the prescribed HSC courses yet believe they have the equivalent aural and harmonic skills to attend Concepts of Music. Please contact the Unit for details by mid February.</td>
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<tr>
<td>MUSC1503 Fundamentals of Music I</td>
<td>6</td>
<td>N MUSC1501, MUSC2693</td>
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<td>Semester 1 Semester 2</td>
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<tr>
<td>MUSC1504 Fundamentals of Music II</td>
<td>6</td>
<td>A Material covered in MUSC1503. Students interested in taking this unit who have not completed MUSC1503 are advised to see the co-ordinator beforehand to ascertain that they have the required knowledge. N MUSC1501</td>
<td></td>
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<td>Semester 2</td>
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<tr>
<td>MUSC1506 Music in Western Culture</td>
<td>6</td>
<td>A The ability to follow a musical score while listening to the music and some prior knowledge of elementary music theory.</td>
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<tr>
<td>MUSC1507 Sounds, Screens, Speakers: Music &amp; Media</td>
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<tr>
<td>MUSC2612 Arts Music Concert Performance 1</td>
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<td>P 18 junior credit points, AND audition (contact the Unit one week before semester begins) Note: Department permission required for enrolment</td>
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<tr>
<td>MUSC2613 Arts Music Concert Performance 2</td>
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<td>P MUSC2612</td>
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<tr>
<td>MUSC2614 Composition Workshop 1</td>
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<td>P 12 junior credit points in music or with permission from the co-ordinator</td>
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<tr>
<td>MUSC2615 Advanced Concepts</td>
<td>6</td>
<td>P MUSC1501 or MUSC1504 or MUSC2693</td>
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<tr>
<td>MUSC2631 Music and Everyday Life</td>
<td>6</td>
<td>P 12 junior music credit points or MUSC2693 Students will normally have completed either MUSC1501 Concepts of Music or MUSC1504 Fundamentals of Music II or MUSC2693 Advanced Fundamentals of Music.</td>
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<tr>
<td>MUSC2651 Re-presenting Australia in Music</td>
<td>6</td>
<td>A An ability to read music at a basic level and an understanding of fundamental musical terminology would be an advantage in this unit of study but is not essential. P 18 junior credit points</td>
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<tr>
<td>MUSC2653 Introduction to Digital Music Techniques</td>
<td>6</td>
<td>P 18 Junior credit points An ability to read music at a basic level and an understanding of fundamental musical terminology as covered in MUSC2699 is an advantage in this unit of study but is not essential.</td>
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<td>MUSC2663 Survey of Film Music</td>
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<td>MUSC2664 Popular Music and the Moving Image</td>
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<td>MUSC2685 Music of Bach</td>
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<tr>
<td>MUSC2693 Advanced Fundamentals of Music</td>
<td>6</td>
<td>A Material covered in MUSC1504 Fundamentals of Music 2 P MUSC1504 or advanced music theory qualifications (eg Grade 6 musicianship, IB high level music) N MUSC1501, MUSC2615</td>
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<tr>
<td>MUSC2699 The Language of Music</td>
<td>6</td>
<td>P 18 junior credit points N MUSC1501, MUSC1503, MUSC1504, MUSC2611, MUSC2693, JAZZ1621, MCGY1008</td>
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<td>MUSC3609 Musicology</td>
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<td>MUSC3611 Composition Workshop 2</td>
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<td>P Credit results in MUSC3609, and either MUSC2631 or MUSC2615, plus a Music Major with credit average results in 36 senior music credit points. Note: Department permission required for enrolment</td>
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<td>PACS2002 History and Politics of War and Peace</td>
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<td>PRFM2601 Being There: Theories of Performance</td>
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<td>P (PRFM2601 and PRFM2602) or (PRFM2001 and PRFM2002) N PRFM3023, PRFM3028</td>
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<td>PRFM3606 Approaches to Acting</td>
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<td>PRFM3620 Performance Production Internship</td>
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<tr>
<td>PRFM3961 Rehearsal Studies</td>
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<td>P Credit results in either (PRFM2601 and PRFM2602) or (PRFM2001 and PRFM2002) C PRFM3962 and sufficient units for a major in Performance Studies</td>
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<td>PRFM3962 Rehearsal to Performance</td>
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<td>PRFM4011 Performance Studies Honours A</td>
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### Arts units of study

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<td>PHIL1011 Reality, Ethics and Beauty</td>
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<td>PHIL1012 Introductory Logic</td>
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<td>PHIL1013 Society, Knowledge and Self</td>
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<td>PHIL2610 Exploring Nonclassical Logic</td>
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<td>P PHIL1012 Introductory Logic OR permission from coordinator</td>
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<tr>
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<td>PHIL2642 Critical Thinking</td>
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<td>PHIL2644 Critical Theory: From Marx to Foucault</td>
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<td>PHIL2647 The Philosophy of Happiness</td>
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<td>PHIL2649 The Classical Mind</td>
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Political Economy

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<th>Session</th>
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<td>Third year students who have not completed the prerequisites should consult the Department of Political Economy about alternative requirements.</td>
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### Unit of study

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<td>ECOP4001</td>
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<td>P credit average in four senior ECOP units and ECOP2011, ECOP2612 (or ECOP2012 with permission), ECOP2911, ECOP3911 and ECOP3912. Requirements for the Pass degree must be completed before entry to level 4000 honours units of study. Students who do not meet this requirement may apply to the Honours Coordinator for a waiver to permit their entry to Honours C ECOP4002, ECOP4003, ECOP4004 Note: Department permission required for enrolment</td>
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### Studies in Religion

| RLST1002      | The History of God  | 6                | Semester 1      | Semester 1      |
| RLST1005      | Atheism, Fundamentalism & New Religions | 6 | Semester 2 |
| RLST2605      | Christianity and the Medieval World | 6 A 12 Junior credit points of Studies in Religion or their equivalent to be assessed by the department | Semester 2 |
| RLST2606      | Christianity as a Global Religion | 6 A 12 junior credit points of Religion Studies, or equivalent as assessed by the Department N RLST2006 | Semester 1 Summer Main |
| RLST2612      | Ancient Gnosticism   | 6 A 12 junior credit points of Religion Studies, or equivalent as assessed by the Department N RLST2012 | Semester 2 |
| RLST2613      | Philosophy of Religion: East and West | 6 A 12 Junior credit points of Religion Studies, or their equivalent to be assessed by the Department N RLST2013 | Semester 1 |
| RLST2620      | Religion and Violence, Faith and Blood | 6 A 12 Junior credit points of Religion Studies, or their equivalent to be assessed by the Department N RLST2020 | Semester 1 |
| RLST2623      | Meditation and Self Transformation | 6 A 12 junior credit points of Religion Studies N RLST2023 | Semester 1 |
| RLST2626      | Witchcraft, Paganism and the New Age | 6 A 12 Junior credit points of Religion Studies, or their equivalent to be assessed by the Department N RLST2026 | Semester 1 |
| RLST3601      | Rethinking Religion | 6 P 12 senior credit points of Religion | Semester 2 |
| RLST1801      | Religious Studies Exchange | 6 Note: Department permission required for enrolment | Semester 1 Semester 2 |
| RLST2804      | Religious Studies Exchange | 6 Note: Department permission required for enrolment | Semester 1 Semester 2 |
| RLST2805      | Religious Studies Exchange | 6 Note: Department permission required for enrolment | Semester 1 Semester 2 |
| RLST2806      | Religious Studies Exchange | 6 Note: Department permission required for enrolment | Semester 1 Semester 2 |
| RLST2809      | Religious Studies Exchange | 6 Note: Department permission required for enrolment | Semester 1 Semester 2 |
| RLST2810      | Religious Studies Exchange | 6 Note: Department permission required for enrolment | Semester 1 Semester 2 |
| RLST4011      | Religious Studies Honours A | 12 P Credit average in 48 senior credit points of Studies in Religion Note: Department permission required for enrolment | Semester 1 Semester 2 |
| RLST4012      | Religious Studies Honours B | 12 C RLST4011 | Semester 1 Semester 2 |
| RLST4013      | Religious Studies Honours C | 12 C RLST4012 | Semester 1 Semester 2 |
| RLST4014      | Religious Studies Honours D | 12 C RLST4013 | Semester 1 Semester 2 |

### Sanskrit

<p>| SANS1001 | Sanskrit Introductory 1 | 6 | Semester 1 |
| SANS1002 | Sanskrit Introductory 2 | 6 P SANS1001 | Semester 2 |
| SANS2601 | Sanskrit Intermediate 1 | 6 P SANS2601 N SANS2001 | Semester 1 |
| SANS2602 | Sanskrit Intermediate 2 | 6 P SANS2602 or SANS2601 N SANS2002 | Semester 2 |
| SANS3601 | Sanskrit Advanced 1 | 6 P SANS3001 or SANS3601 N SANS3002 | Semester 1 |
| SANS3602 | Sanskrit Advanced 2 | 6 P SANS3001 or SANS3601 N SANS3002 | Semester 2 |
| SANS3612 | Sanskrit Research Preparation 2 | 6 P Credit result in SANS2601 or SANS2602 | Semester 2 |</p>
<table>
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<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
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<td>The completion of 8 senior units of study; a Credit average in senior level Sanskrit language units of study (SANS2601, SANS2602, SANS2612, SANS3601, SANS3602 and SANS3612) plus two additional units of study chosen from the following senior level Asian Studies units of study: SANS2620 Classical Indian Philosophy, SANS2621 Buddhist Philosophy, SANS2623 India: Tradition and Modernity, SANS2624 Understanding Buddhist Literature, SANS2625 Buddhism in Modern Asia, ASNS2626 Religious Traditions of South Asia, and / or any senior unit of Hindi / Urdu or equivalent as determined by the Department. Note: Department permission required for enrolment.</td>
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### Spanish and Latin American Studies

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<th>Session</th>
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<td>SPAN1611 Spanish Level 1</td>
<td>6</td>
<td>N Not to be taken by students with prior knowledge of Spanish. Students who have already studied Spanish at HSC level, or who have equivalent knowledge, may not take SPAN1611. Students should contact the department, which will determine the appropriate level of enrolment. Semester 1 Summer Main Winter Main</td>
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### Unit of study

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### Writing

No major available.

| WRIT1001 Academic English                                                   | 6             | Upon registration for this unit students will be directed to an online diagnostic exercise. | Semester 1                                    | Semester 2 Summer Late | Winter Main |

| WRIT1002 Academic Writing                                                   | 6             | A WRIT1001 is not a prerequisite for WRIT1002, but successful completion of WRIT1001 would be advantageous to students undertaking WRIT1002 | Semester 1                                    | Semester 2 Summer Late | Winter Main |

### Yiddish

No guarantee of continuing availability.

| YDDH1101 Yiddish 1                                                         | 6             |                                        | Semester 1                                    |                |                |                    |
| YDDH1102 Yiddish 2                                                         | 6             | P YDDH1101                             | Semester 1                                    |                |                |                    |
| YDDH2603 Yiddish 3                                                         | 6             | P YDDH1102, YDDH2103, YDDH2104         | Semester 1                                    |                |                |                    |
| YDDH2604 Yiddish 4                                                         | 6             | P YDDH2103 or YDDH2603, YDDH2104       | Semester 2                                    |                |                |                    |
| YDDH3605 Yiddish 5                                                         | 6             | P YDDH2104, YDDH2604, YDDH3105, YDDH3106 | Semester 1                                    |                |                |                    |
| YDDH3606 Yiddish 6                                                         | 6             | P YDDH3605 or YDDH3105, YDDH3105       | Semester 2                                    |                |                |                    |
Table B

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<th>Unit of study</th>
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Note: Department permission required for enrolment.

Entry into the School Honours program normally requires a credit average in a major relevant to the chosen project or relevant 24 credit points of senior study. The School will consider entry to students who do not have this requirement if their overall academic performance indicates an equivalent performance in other subject areas or if their SCIWAM exceeds 65.

Arts units of study
<table>
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<th>Unit of study</th>
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<th>A: Assumed knowledge</th>
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<td>P Distinction average in 12 credit points from MBLG (2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMED units including Distinction in BMED2802.</td>
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### Biology

| **BIOL1001** Concepts in Biology                       | 6             | A None. However, semester 1 students who have not completed HSC Biology (or equivalent) are strongly advised to take the Biology Bridging Course (in February). | N BIOL1911 | It is recommended that BIOL (1001 or 1911) be taken concurrently with either BIOL1003 or BIOL1903. Students who have completed HSC Biology and scored 80+ should enrol in BIOL1911. Students who lack 80+ in HSC Biology but have a UAI of at least 93 may enrol in BIOL1911 with permission from the UEO. The completion of MBLG 1001 is highly recommended. |                | Semester 1 |
|                                                      |               |                      |                  |                |                | Summer Main     |
| **BIOL1911** Concepts in Biology (Advanced)            | 6             | P 80+ in HSC 2-unit Biology (or equivalent) or Distinction or better in a University level Biology unit, or by invitation. | N BIOL 1001 | Note: Department permission required for enrolment |                |                |
|                                                      |               |                      |                  |                |                | Semester 1     |
| **BIOL1002** Living Systems                           | 6             | A HSC 2-unit Biology. Students who have not completed HSC biology (or equivalent) are strongly advised to take the Biology Bridging Course (in February). | N BIOL1902 | It is recommended that BIOL (1001 or 1911) be taken concurrently with all other Junior units of study in Biology. The completion of MBLG 1001 is highly recommended. |                | Semester 2 |
| **BIOL1902** Living Systems (Advanced)                 | 6             | P UAI (orATAR equivalent) of at least 93 and HSC Biology result in the 90+, or Distinction or better in a University level Biology unit, or by invitation. | N BIOL1002 | Note: Department permission required for enrolment |                |                |
| **BIOL1003** Human Biology                             | 6             | A HSC 2-unit Biology. Semester 1 students who have not completed HSC biology (or equivalent) are strongly advised to take the Biology Bridging Course (in February). | N BIOL1903 | It is recommended that BIOL (1001 or 1911) be taken concurrently with this unit of study. |                | Semester 1 |
| **BIOL1903** Human Biology (Advanced)                  | 6             | P UAI (orATAR equivalent) of at least 93 and HSC Biology result in the 90+, or Distinction or better in a University level Biology unit, or by invitation. | N BIOL1003 |                |                | Semester 1     |
| **MBL1001** Molecular Biology and Genetics (Intro)      | 6             | A 6 credit points of Junior Biology and 6 cp of Junior Chemistry | N AGCH2001, BCHM2001, BCHM2101, BCHM2901, MBLG2101, MBLG2901, MBLG2001, MBLG2311, MBLG2771, MBLG2871, MBLG1901 |                |                | Semester 2 |
| **MBL1901** Molecular Biology and Genetics (Adv)       | 6             | A HSC Chemistry and Biology OR 6 credit points of Junior Biology and 6 cp of Junior Chemistry | P UAI (orATAR equivalent) of 95 or minimum Band 5 in HSC chemistry and biology or by invitation | N AGCH2001, BCHM2001, BCHM2101, BCHM2901, MBLG2101, MBLG2901, MBLG2001, MBLG2311, MBLG2771, MBLG2871, MBLG1901 |                | Semester 2 |
### Arts units of study

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL2011 Invertebrate Zoology</td>
<td>6</td>
<td>A: BIOL (1002 or 1902), P: BIOL (1001 or 111) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH).</td>
<td>12 credit points of Junior Chemistry.</td>
<td>N: BIOL2911</td>
<td>Semester 1</td>
<td></td>
</tr>
<tr>
<td>BIOL2911 Invertebrate Zoology (Advanced)</td>
<td>6</td>
<td>A: BIOL (1002 or 1902). P: Distinction average in BIOL (1001 or 111) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry.</td>
<td>These requirements may be varied and students with lower averages should consult the Unit Executive Officer.</td>
<td>N: BIOL2011</td>
<td>Semester 1</td>
<td></td>
</tr>
<tr>
<td>BIOL2012 Vertebrates and their Origins</td>
<td>6</td>
<td>A: The content of BIOL (1002 or 1902) is assumed knowledge and students who have not completed BIOL (1002 or 1902) will need to do some preparatory reading. P: BIOL (1001 or 111) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry.</td>
<td>N: BIOL2912</td>
<td>Semester 2</td>
<td></td>
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</tr>
<tr>
<td>BIOL2912 Vertebrates and their Origins (Advanced)</td>
<td>6</td>
<td>A: The content of BIOL (1002 or 1902) is assumed knowledge and students who have not completed BIOL (1002 or 1902) will need to do some preparatory reading. P: Distinction average in BIOL (1001 or 111) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry. These requirements may be varied and students with lower averages should consult the Unit Executive Officer.</td>
<td>N: BIOL2012</td>
<td>Semester 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL2016 Cell Biology</td>
<td>6</td>
<td>P: 12 credit points of Junior Biology, e.g. any combination of 2 units made from the following options, BIOL (1001 or 111), BIOL (1002 or 1902), BIOL (1001 or 1901), MBLG (1001 or 1901), MBLG (1001 or 1901), EDUH1016, and 12 credit points of Junior Chemistry.</td>
<td>N: BIOL2916</td>
<td>Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL2916 Cell Biology (Advanced)</td>
<td>6</td>
<td>P: Distinction average in 12 credit points of Junior Biology or equivalent, e.g. any combination of 2 units made from the following options, BIOL (1001 or 111), BIOL (1002 or 1902), BIOL (1003 or 1903), MBLG (1001 or 1901), MBLG (1001 or 1901), EDUH1016, and 12 credit points of Junior Chemistry.</td>
<td>N: BIOL2016</td>
<td>Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL2017 Entomology</td>
<td>6</td>
<td>A: BIOL (2011 or 2911), P: BIOL (1001 or 111) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry.</td>
<td>N: BIOL2917</td>
<td>Semester 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL2917 Entomology (Advanced)</td>
<td>6</td>
<td>A: BIOL2011 or BIOL2911. P: Distinction average in BIOL (1001 or 111) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry.</td>
<td>N: BIOL2917</td>
<td>Semester 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL2018 Introduction to Marine Biology</td>
<td>6</td>
<td>A: 12 credit points of Junior Biology. P: BIOL (1001 or 111) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry.</td>
<td>N: BIOL2918</td>
<td>Semester 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL2918 Introduction to Marine Biology (Adv)</td>
<td>6</td>
<td>A: 12 credit points of Junior Biology. P: Distinction average in BIOL (1001 or 111) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry or for BSc (Marine Science) students 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics. These requirements may be varied and students with lower averages should consult the Unit Executive Officer.</td>
<td>N: BIOL2918</td>
<td>Semester 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL3006 Ecological Methods</td>
<td>6</td>
<td>A: BIOL (2011 or 2911 or 2012 or 2912) or PLNT (2002 or 2902). P: 12 credit points of Intermediate Biology or 6 credit points of Intermediate BIOL and one of ENVI (2111 or 2911) or GEOS (2115 or 2915).</td>
<td>N: BIOL3006</td>
<td>Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL3906 Ecological Methods (Advanced)</td>
<td>6</td>
<td>A: BIOL (2011 or 2911 or 2012 or 2912) or PLNT (2002 or 2902). P: Distinction average in 12 credit points of Intermediate Biology, or 6 credit points of Intermediate BIOL and ENVI (2111 or 2911) or GEOS (2115 or 2915). These requirements may be varied and students with lower averages should consult the Unit Executive Officer.</td>
<td>N: BIOL3006</td>
<td>Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL3007 Ecology</td>
<td>6</td>
<td>A: Although not prerequisites, knowledge obtained from BIOL3006/3906, and BIOL3008/3908 is strongly recommended. P: 12 credit points of Intermediate Biology, or 6 credit points of Intermediate BIOL, and one of ENVI (2111 or 2911) or GEOS (2115 or 2915).</td>
<td>N: BIOL3007</td>
<td>Semester 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL3907 Ecology (Advanced)</td>
<td>6</td>
<td>A: Although not prerequisites, knowledge obtained from BIOL3006/3906, and BIOL3008/3908 is strongly recommended. Students entering this unit of study should have achieved Distinction average. P: Distinction average in 12 credit points of Intermediate Biology, or 6 credit points of Intermediate BIOL and one of ENVI (2111 or 2911) or GEOS (2115 or 2915).</td>
<td>N: BIOL3007</td>
<td>Semester 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL3008 Marine Field Ecology</td>
<td>6</td>
<td>A: BIOL2018 or GEOS2115. BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. P: 12 credit points of Intermediate Biology, or 6 credit points of Intermediate BIOL and one of ENVI (2111 or 2911) or GEOS (2115 or 2915).</td>
<td>N: BIOL3008</td>
<td>S2 Intensive</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Dates:** 28 June - 5 July 2011.
<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL3908 Marine Field Ecology (Advanced)</td>
<td>6</td>
<td>A: BIOL2018 or GEOS2115. Prior completion of BIOL (3006 or 3906) is very strongly recommended.</td>
<td>P: Distinction average in 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and one of ENVI (2111 or 2911) or GEOS (2115 or 2915).</td>
<td>N: BIOL3008 Dates: 28 June - 5 July 2011.</td>
<td>S2 Intensive</td>
<td></td>
</tr>
<tr>
<td>BIOL3009 Terrestrial Field Ecology</td>
<td>6</td>
<td>A: BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended.</td>
<td>P: 12 credit points of Intermediate Biology or ANSC2004 and BIOM2001.</td>
<td>N: BIOL3909 One 6 day field trip held in the pre-semester break (17 - 22 July 2011), and 4x4 hr practical classes during weeks 1-4 in Semester 2.</td>
<td>S2 Intensive</td>
<td></td>
</tr>
<tr>
<td>BIOL3909 Terrestrial Field Ecology (Advanced)</td>
<td>6</td>
<td>A: BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended.</td>
<td>P: Distinction average in 12 credit points of Intermediate Biology or ANSC2004 and BIOM2001</td>
<td>N: BIOL3909 One 6 day field trip held in the pre-semester break (17 - 22 July 2011) and 4x4 hr practical classes during weeks 1-4 in Semester 2.</td>
<td>S2 Intensive</td>
<td></td>
</tr>
<tr>
<td>BIOL3010 Tropical Wildlife Biology and Management</td>
<td>6</td>
<td>A: None, although BIOL2012/2912 (Vertebrates and their Origins) would be useful.</td>
<td>P: 12 credit points of Intermediate Biology (BIOL/ENVI/PLNT), or equivalent.</td>
<td>N: BIOL3910 Note: Department permission required for enrolment</td>
<td>S1 Intensive</td>
<td>Dates: 13 February - 18 February 2011 Northern Territory; followed by tutorials and practical classes at the University of Sydney 21 February - 25 February 2011.</td>
</tr>
<tr>
<td>BIOL3011 Ecophysiology</td>
<td>6</td>
<td>A: BIOL (2012 or 2912 or 2016 or 2916) or PLNT (2003 or 2903).</td>
<td>P: 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and one of ENVI (2111 or 2911) or GEOS (2115 or 2915).</td>
<td>N: BIOL3911 The completion of 6 credit points of MBLG units is highly recommended.</td>
<td>Semester 1</td>
<td></td>
</tr>
<tr>
<td>BIOL3911 Ecophysiology (Advanced)</td>
<td>6</td>
<td>A: BIOL (2012 or 2912 or 2016 or 2916) or PLNT (2003 or 2903).</td>
<td>P: Distinction average in 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and ENVI (2111 or 2911) or GEOS (2115 or 2915). These requirements may be varied and students with lower averages should consult the Unit Executive Officer.</td>
<td>N: BIOL3911 The completion of 6 credit points of MBLG units is highly recommended.</td>
<td>Semester 1</td>
<td></td>
</tr>
<tr>
<td>BIOL3012 Animal Physiology</td>
<td>6</td>
<td>P: Distinction average in 12 credit points of Intermediate Biology. These requirements may be varied and students with lower averages should consult the Unit Executive Officer.</td>
<td>N: BIOL3912 The completion of 6 credit points of MBLG units is highly recommended.</td>
<td></td>
<td>Semester 1</td>
<td></td>
</tr>
<tr>
<td>BIOL3912 Animal Physiology (Advanced)</td>
<td>6</td>
<td>P: Distinction average in 12 credit points of Intermediate Biology.</td>
<td>N: BIOL3012 The completion of 6 credit points of MBLG units is highly recommended.</td>
<td></td>
<td>Semester 1</td>
<td></td>
</tr>
<tr>
<td>BIOL3013 Marine Biology</td>
<td>6</td>
<td>A: BIOL2018 or GEOS2115.</td>
<td>P: 12 credit points of Intermediate Biology, or 6 credit points of Intermediate BIOL and one of ENVI (2111 or 2911) or GEOS (2115 or 2915).</td>
<td>N: BIOL3913 The completion of 6 credit points of MBLG units is highly recommended.</td>
<td>Semester 1</td>
<td></td>
</tr>
<tr>
<td>BIOL3913 Marine Biology (Advanced)</td>
<td>6</td>
<td>A: BIOL2018 or GEOS2115.</td>
<td>P: Distinction average in 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and one of ENVI (2111 or 2911) or GEOS (2115 or 2915).</td>
<td>N: BIOL3913 The completion of 6 credit points of MBLG units is highly recommended.</td>
<td>Semester 1</td>
<td></td>
</tr>
<tr>
<td>BIOL3016 Coral Reef Biology</td>
<td>6</td>
<td>P: 12 credit points from Intermediate science units of study which must include at least 6 credit points of BIOL; or 6 credit points of BIOL and one of ENVI (2111 or 2911) or GEOS (2115 or 2915).</td>
<td>N: BIOL3916, NTMP3001 Dates: 14-25 February 2011.</td>
<td>S2 Intensive</td>
<td></td>
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</tr>
<tr>
<td>BIOL3017 Fungi in the Environment</td>
<td>6</td>
<td>P: 12 credit points of Intermediate Biology or Plant Science, or 6 credit points of Intermediate Biology, or Plant Science, and 6 Intermediate credit points of either Microbiology or Geography.</td>
<td>N: BIOL3917 Dates: 14-25 February 2011. The completion of 6 credit points of MBLG units is highly recommended.</td>
<td>S1 Intensive</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL3917 Fungi in the Environment (Advanced)</td>
<td>6</td>
<td>P: Distinction average in 12 credit points of Intermediate Biology or Plant Science, and 6 credit points of Intermediate Biology, or Plant Science, and 6 Intermediate credit points of either Microbiology or Geography.</td>
<td>N: BIOL3917 The completion of 6 credit points of MBLG units is highly recommended.</td>
<td></td>
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</tr>
<tr>
<td>BIOL3018 Applications of Recombinant DNA Tech</td>
<td>6</td>
<td>P: 12 credit points from MBLG (2071/2971), MBLG (2072/2972) and Intermediate Biology units.</td>
<td>For BMEdSc students: 36 credit points of Intermediate BMED units including BMED 2802.</td>
<td>N: BIOL3918</td>
<td>Semester 1</td>
<td></td>
</tr>
<tr>
<td>BIOL3918 Applications of Recombinant DNA Tech Adv</td>
<td>6</td>
<td>P: Distinction average in 12 credit points from MBLG (2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMEdSc students: 36 credit points of Intermediate BMED units including Distinction in BMED2802.</td>
<td>N: BIOL3918</td>
<td>Semester 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL3025 Evolutionary Genetics &amp; Animal Behaviour</td>
<td>6</td>
<td>P: Distinction average in 12 credit points from MBLG (2071/2971), MBLG (2072/2972) or Intermediate Biology or PLNT units. For BMEdSc students: 36 credit points of Intermediate BMED units including BMED2802.</td>
<td>N: BIOL3923</td>
<td>Semester 2</td>
<td></td>
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</tr>
<tr>
<td>BIOL3925 Evolutionary Gen. &amp; Animal Behaviour Adv</td>
<td>6</td>
<td>P: Distinction average in 12 credit points from MBLG (2071/2971), MBLG (2072/2972) or Intermediate Biology or PLNT units. For BMEdSc students: 36 credit points of Intermediate BMED units including Distinction in BMED2802.</td>
<td>N: BIOL3025</td>
<td>Semester 2</td>
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</tbody>
</table>
## Arts units of study

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<tr>
<th>Unit of study</th>
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<th>A: Assumed knowledge</th>
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<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Biol3026</strong> Developmental Genetics</td>
<td>6</td>
<td>P</td>
<td>12 credit points from MBLG (2071/2971) and MBLG (2072/2972). For BMedSc students: 36 credit points of Intermediate BMIED units including BMIED2802. N BIOL3926</td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td><strong>Biol3926</strong> Developmental Genetics (Advanced)</td>
<td>6</td>
<td>P</td>
<td>Distinction average in 12 credit points from MBLG (2071/2971), and MBLG (2072/2972). For BMedSc students: 36 credit points of Intermediate BMIED units including Distinction in BMIED2802. N BIOL3926</td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td><strong>Biol3027</strong> Bioinformatics and Genomics</td>
<td>6</td>
<td>P</td>
<td>12 credit points from MBLG (2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMIED units including BMIED2802. N BIOL3927</td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td><strong>Biol3927</strong> Bioinformatics and Genomics (Advanced)</td>
<td>6</td>
<td>P</td>
<td>Distinction average in 12 credit points from MBLG (2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMIED units including Distinction in BMIED2802. N BIOL3927</td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td><strong>MBLG2971</strong> Molecular Biology and Genetics A</td>
<td>6</td>
<td>P</td>
<td>12 credit points of Junior Chemistry and Distinction in MBLG (1001 or 1901). N MBLG2071, MBLG2771, MBLG2871, MBLG2001, MBLG2101, MBLG2901, MBLG2111, AGCH2001, BCHM2001, BCHM2101, BCHM2901 Students enrolled in the combined BAppSc (Exercise and Sport Science)/BSc(Nutrition) must have completed all Junior units for this course (CHEM1101, BACH1161, BIOS1159, EXSS1018 CHEM1102, BIOS1133, BIOS1166, EXSS1033, MBLG1001) prior to enrolling in this unit.</td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td><strong>MBLG2971</strong> Molecular Biology and Genetics A (Adv)</td>
<td>6</td>
<td>P</td>
<td>One of MBLG2071, MBLG2971 P BIOL (1001 or 1003 or 1911 or 1903) and MBLG (1001 or 1901) and 12 credit points of Junior Chemistry N MBLG2072</td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td><strong>MBLG2972</strong> Molecular Biology and Genetics B</td>
<td>6</td>
<td>A</td>
<td>Distinction average in 12 Junior credit points of Junior Chemistry and a Distinction in MBLG (2071 or 2971); or a Distinction in MBLG(1001 or 1901) and 12 credit points of Junior Chemistry, and a Distinction average in all Junior Science units of study undertaken. N MBLG2072</td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td><strong>PLNT2001</strong> Plant Biochemistry and Molecular Biology</td>
<td>6</td>
<td>P</td>
<td>12 Junior credit points from Chemistry and Biology (or with the Dean's permission BIOL1201 and BIOL1202) N PLNT2901, AGCH2004</td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td><strong>PLNT2901</strong> Plant Biochem &amp; Molecular Biology (Adv)</td>
<td>6</td>
<td>P</td>
<td>Distinction average in 12 Junior credit points from Chemistry and Biology (or with the Dean's permission BIOL1201 and BIOL1202) N PLNT2001, AGCH2004</td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td><strong>PLNT2902</strong> Aust Flora: Ecology and Conservation</td>
<td>6</td>
<td>P</td>
<td>6 credit points of a Junior unit of study N PLNT2902</td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td><strong>PLNT2902</strong> Aust Flora: Ecology &amp; Conservation (Adv)</td>
<td>6</td>
<td>A</td>
<td>The contents of BIOL(1002 or 1902) is assumed knowledge. Students wishing to enroll in Intermediate Biology (BIOL) and Plant Science (PLNT) units of study using BIOL(1003 or 1903) will need to do some preparatory reading P Distinction average in 6 credit points of Junior units of study N PLNT2902</td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td><strong>PLNT2903</strong> Plant Form and Function</td>
<td>6</td>
<td>A</td>
<td>12 credit points of Junior Biology, or equivalent eg BIOL (1001 or 1101 or 1901 or 1911) and BIOL (1002 or 1902 or 1003 or 1903) N PLNT2903, BIOL2003, BIOL2903, CROP2001</td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td><strong>PLNT2903</strong> Plant Form and Function (Advanced)</td>
<td>6</td>
<td>A</td>
<td>12 credit points of Junior Biology, or equivalent eg BIOL (1001 or 1101 or 1901 or 1911) and BIOL (1002 or 1902 or 1003 or 1903) N PLNT2903, BIOL2003, BIOL2903, CROP2001</td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td><strong>PLNT3001</strong> Plant, Cell and Environment</td>
<td>6</td>
<td>P</td>
<td>12 credit points of Intermediate Biology, Plant Science, Molecular Biology and Genetics or equivalent N PLNT2901</td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td><strong>PLNT3901</strong> Plant, Cell and Environment (Advanced)</td>
<td>6</td>
<td>P</td>
<td>12 credit points of Intermediate Biology, Plant Science, Molecular Biology and Genetics or equivalent with average grade of distinction N PLNT3901 Note: Department permission required for enrolment</td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td><strong>BIOL4012</strong> Biology Honours B</td>
<td>12</td>
<td>C</td>
<td>BIOL4011 or (BIOL4015 and BIOL4016)</td>
<td></td>
<td></td>
<td>Semester 1, Semester 2</td>
</tr>
<tr>
<td><strong>BIOL4013</strong> Biology Honours C</td>
<td>12</td>
<td>C</td>
<td>BIOL4012</td>
<td></td>
<td></td>
<td>Semester 1, Semester 2</td>
</tr>
<tr>
<td><strong>BIOL4014</strong> Biology Honours D</td>
<td>12</td>
<td>C</td>
<td>BIOL4013 Note: Department permission required for enrolment</td>
<td></td>
<td></td>
<td>Semester 1, Semester 2</td>
</tr>
<tr>
<td><strong>BIOL2554</strong> Biology Exchange</td>
<td>6</td>
<td>Note: Department permission required for enrolment</td>
<td>Special permission is required for this unit of study: S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1a Semester 1b Semester 2a Semester 2b</td>
<td></td>
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<td>Semester 2b</td>
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### Arts units of study

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<td>A: 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.</td>
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<td>CHEM1002  Fundamentals of Chemistry 1B</td>
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<td>N CHEM1102, CHEM1108, CHEM1902, CHEM1904</td>
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<td>P ATAR of at least 99.0 and HSC Chemistry result in Band 6</td>
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<td>P Distinction in CHEM1903</td>
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<td>N CHEM2001, CHEM2101, CHEM2301, CHEM2311, CHEM2502, CHEM2901, CHEM2903, CHEM2911, CHEM2915</td>
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<td>P By invitation. High WAM and a Distinction average in CHEM (1101 or 1901 or 1903) and CHEM (1102 or 1902 or 1904), 6 credit points of Junior Mathematics.</td>
<td>N CHEM2002, CHEM2302, CHEM2402, CHEM2902, CHEM2912</td>
<td>Semester 2</td>
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<tr>
<td>CHEM2403  Chemistry of Biological Molecules</td>
<td>6</td>
<td>P 12 credit points of Junior Chemistry, 6 credit points of Junior Mathematics.</td>
<td>N CHEM2001, CHEM2901, CHEM2311, CHEM2903, CHEM2913</td>
<td>Semester 2</td>
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<tr>
<td>Unit of study</td>
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<td>P: Prerequisites</td>
<td>C: Corequisites</td>
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<tr>
<td>CHEM2404 Forensic and Environmental Chemistry</td>
<td>6</td>
<td>P 12 credit points of Junior Chemistry; 6 credit points of Junior Mathematics</td>
<td>N CHEM0107, CHEM3197</td>
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<td>Semester 1</td>
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<td>To enrol in Senior Chemistry students are required to have completed CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). Students are advised that combinations of Intermediate Chemistry units that do not meet this requirement will generally not allow progression to Senior Chemistry.</td>
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<tr>
<td>CHEM3110 Biomolecules: Properties and Reactions Adv</td>
<td>6</td>
<td>P CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916), N CHEM3910</td>
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<td>CHEM3910 Biomolecules: Properties &amp; Reactions Adv</td>
<td>6</td>
<td>P WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916), N CHEM3110</td>
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<tr>
<td>CHEM3111 Organic Structure and Reactivity</td>
<td>6</td>
<td>P CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916), N CHEM3911</td>
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<tr>
<td>CHEM3911 Organic Structure and Reactivity (Adv)</td>
<td>6</td>
<td>P WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916), N CHEM3111</td>
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<td>Semester 1</td>
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<td>CHEM3112 Materials Chemistry</td>
<td>6</td>
<td>P CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916), N CHEM3912</td>
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<tr>
<td>CHEM3912 Materials Chemistry (Adv)</td>
<td>6</td>
<td>P WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916), N CHEM3112</td>
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<tr>
<td>CHEM3113 Catalysis and Sustainable Processes</td>
<td>6</td>
<td>P CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916), N CHEM3913</td>
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<td>CHEM3913 Catalysis and Sustainable Process (Adv)</td>
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<td>P WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916), N CHEM3113</td>
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<td>CHEM3114 Metal Complexes: Medicine and Materials</td>
<td>6</td>
<td>P CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916), N CHEM3914</td>
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<td>CHEM3914 Metal Complexes: Medic. &amp; Mater. (Adv)</td>
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<td>P WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916), N CHEM3114</td>
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<td>CHEM3115 Synthetic Medicinal Chemistry</td>
<td>6</td>
<td>P CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916), N CHEM3915</td>
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<td>CHEM3915 Synthetic Medicinal Chemistry (Adv)</td>
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<td>CHEM3116 Membranes, Self Assembly and Surfaces (Adv)</td>
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<td>P CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916), N CHEM3916</td>
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<td>CHEM3916 Membranes, Self Assembly &amp; Surfaces (Adv)</td>
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<td>P WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916), N CHEM3116</td>
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<td>CHEM3117 Molecular Spectroscopy &amp; Quantum Theory</td>
<td>6</td>
<td>P CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916), N CHEM3917</td>
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<td>CHEM3917 Mol. Spectroscopy &amp; Quantum Theory (Adv)</td>
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<td>P WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916), N CHEM3117</td>
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<td>CHEM4011 Chemistry Honours A</td>
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<tr>
<td>CHEM4012 Chemistry Honours B</td>
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<tr>
<td>CHEM4013 Chemistry Honours C</td>
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<tr>
<td>CHEM4014 Chemistry Honours D</td>
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**Computer Science**

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<th>Unit of study</th>
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<th>C: Corequisites</th>
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<th>Session</th>
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<tr>
<td>INFO1003 Foundations of Information Technology</td>
<td>6</td>
<td>N INFO1000 or INF51000</td>
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<tr>
<td>INFO1103 Introduction to Programming</td>
<td>6</td>
<td>A HSC Mathematics</td>
<td>N SOFT (1001 or 1901) or COMP (1001 or 1901) or DECO2011</td>
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<tr>
<td>INFO1903 Informatics (Advanced)</td>
<td>6</td>
<td>A HSC Mathematics</td>
<td>P ATAR sufficient to enter BCST(Adv), BIT or BS(Adv), or portfolio of work suitable for entry Note: Department permission required for enrolment</td>
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<tr>
<td>INFO1105 Data Structures</td>
<td>6</td>
<td>A Programming, as for INFO1103</td>
<td>N INFO1905 or SOFT (1002 or 1902) or COMP (1002 or 1902 or 2160 or 2860 or 2111 or 2811 or 2902)</td>
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<tr>
<td>INFO1905 Data Structures (Advanced)</td>
<td>6</td>
<td>P 75% or greater in INFO1103 or INFO1903</td>
<td>N INFO1105 or SOFT (1002 or 1902) or COMP (1002 or 1902)</td>
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<tr>
<td>INFO1911 IT Special Project 1A</td>
<td>6</td>
<td>Note: Department permission required for enrolment Enrolment in this unit of study is by invitation only.</td>
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<tr>
<td>INFO1912 IT Special Project 1B</td>
<td>6</td>
<td>A ATAR of at least 98 and High Distinction average in first year IT units of study and Distinction average in first year non-IT units of study Note: Department permission required for enrolment Departmental permission is required.</td>
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## Arts units of study

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<tbody>
<tr>
<td>ELEC1601 Foundations of Computer Systems</td>
<td>6</td>
<td>A HSC Mathematics extension 1 or 2</td>
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<tr>
<td>INFO2110 Systems Analysis and Modelling</td>
<td>6</td>
<td>A Experience with a data model as in INFO1003 or INFO1103 or INF1000 N INFO2810, INFO2000, INFO2800</td>
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<tr>
<td>INFO2120 Database Systems 1</td>
<td>6</td>
<td>A Some exposure to programming and some familiarity with data model concepts such as taught in INFO1003 or INFO1003 or INF1000 or INFO1903 N INFO2820, INFO2005, INFO2805</td>
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<td>Semester 1</td>
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<tr>
<td>INFO2820 Database Systems 1 (Advanced)</td>
<td>6</td>
<td>P Distinction-level result in INFO1003 or INFO1103 or INFO1903 or INFO1105 or INFO1905 N INFO2120, INFO2005, INFO2805</td>
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<td>Semester 1</td>
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<tr>
<td>INFO2315 Introduction to IT Security</td>
<td>6</td>
<td>A Computer literacy N NETS3305, NETS3605, NETS3016, NETS3916, ELEC5610, ELEC5616</td>
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<td>Semester 2</td>
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<tr>
<td>INFO2911 IT Special Project 2A</td>
<td>6</td>
<td>P Distinction average in non-IT units completed in previous year of study, high distinction average in IT units completed in previous year. Note: Department permission required for enrolment. Departmental permission required.</td>
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<tr>
<td>INFO2912 IT Special Project 2B</td>
<td>6</td>
<td>P Distinction average in non-IT units completed in previous year of study, high distinction average in IT units completed in previous year. Note: Department permission required for enrolment. Departmental permission required.</td>
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<tr>
<td>COMP2007 Algorithms and Complexity</td>
<td>6</td>
<td>A INFO1105, MATH1904 N COMP2907, COMP3309, COMP3609, COMP3111, COMP3811</td>
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<tr>
<td>COMP2007 Algorithms and Complexity (Advanced)</td>
<td>6</td>
<td>A INFO1905, MATH1904 P Distinction level result in INFO1105 or INFO1905 or SOFT1102 or SOFT1902</td>
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<tr>
<td>COMP2121 Distributed Systems &amp; Network Principles</td>
<td>6</td>
<td>P (INFO1103 or INFO1903) AND (INFO1105 or INFO1905) C (COMP2007 OR COMP2907)</td>
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<tr>
<td>COMP2129 Operating Systems and Machine Principles</td>
<td>6</td>
<td>A Programming, as from INFO1103 N SOFT2130, SOFT2830, SOFT2004, SOFT2904, COMP2004, COMP2904</td>
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<td>INFO2822 Object Oriented Design</td>
<td>6</td>
<td>A INFO2110, INFO1105 N SOFT3301, SOFT3601, SOFT3101, SOFT3801, COMP3008, COMP3908</td>
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<tr>
<td>INFO3315 Human-Computer Interaction</td>
<td>6</td>
<td>A INFO2110 N MULT3307, MULT3607, MULT3018, MULT3918, SOFT3102, SOFT3802, COMP3102, COMP3802</td>
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<tr>
<td>INFO3402 Management of IT Projects and Systems</td>
<td>6</td>
<td>A INFO2800, INFO2110, INFO2810, INFO2900 N ISYS3300, ISYS3302, ELEC3606</td>
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<tr>
<td>INFO3404 Database Systems 2</td>
<td>6</td>
<td>A Introductory database study such as INFO2120 or INFO2820 or INFO2005 or INFO2905. Students are expected to be familiar with SQL and the relational data model, and to have some programming experience. N INFO3004, INFO3905, COMP3005, COMP3905</td>
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<tr>
<td>INFO3504 Database Systems 2 (Adv)</td>
<td>6</td>
<td>P Distinction-level result in INFO2120 or INFO2820 or COMP2007 or COMP2907 N INFO3404, INFO3005, INFO3905, COMP3005, COMP3905</td>
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<tr>
<td>INFO3911 IT Special Project 3A</td>
<td>6</td>
<td>P Distinction average in non-IT units completed in previous year of study, high distinction average in IT units completed in previous year. Note: Department permission required for enrolment. Departmental permission required.</td>
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<tr>
<td>INFO3912 IT Special Project 3B</td>
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<td>ELEC3506 Data Communications and the Internet</td>
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<td>N NETS2150, NETS2009, NETS2909, NETS3007, NETS3907, ELEC3504, ELEC4501</td>
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<td>ELEC3609 Internet Software Platforms</td>
<td>6</td>
<td>P INFO1103, INFO2110, INFO2120 N EBUS3401</td>
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<td>ELEC3610 E-Business Analysis and Design</td>
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<td>COMP3109 Programming Languages and Paradigms</td>
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<td>COMP3308 Introduction to Artificial Intelligence</td>
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<td>A COMP2007 N COMP3608, COMP3802, COMP3902</td>
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<td>COMP3419 Graphics and Multimedia</td>
<td>6</td>
<td>A COMP2007, MATH1902 N MULT3306, MULT3606, MULT3019, MULT3918, MULT3004, MULT3904, COMP3004, COMP3904</td>
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<td>COMP3456 Computational Methods for Life Sciences</td>
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<td>P INFO1105 and (COMP2007 or INFO2120) and 6 credit points from BIOL or MBLG</td>
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<td>COMP3520 Operating Systems Internals</td>
<td>6</td>
<td>A COMP2129, INFO1105 N NETS3304, NETS3604, NETS3909, NETS3907, COMP3009, COMP3909</td>
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<tr>
<td>COMP3608 Intro. to Artificial Intelligence (Adv)</td>
<td>6</td>
<td>P Distinction-level results in some 2nd year COMP or MATH or SOFT units. N COMP3308, COMP3802, COMP3902</td>
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<td>COMP3615 Software Development Project</td>
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<td>ECMT1010 Business and Economic Statistics A</td>
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<td>Other than in exceptional circumstances, it is strongly recommended that students do not undertake Business and Economic Statistics B before attempting Business and Economic Statistics A.</td>
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<tr>
<td>ECON1001 Introductory Microeconomics</td>
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<tr>
<td>ECON1002 Introductory Macroeconomics</td>
<td>6</td>
<td>A Mathematics</td>
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<tr>
<td>ECOS2001 Intermediate Microeconomics</td>
<td>6</td>
<td>P ECON1002 C ECMT1020 N ECOS2001, ECOS2901, ECON2901</td>
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<td>Semester 2</td>
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<td>Certain combinations of Maths/Stats may substitute for Econometrics. Consult the Chair of the Discipline of Economics.</td>
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<tr>
<td>ECOS2002 Intermediate Macroeconomics</td>
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<td>P ECON1002 C ECMT1020 N ECOS2002, ECOS2902, ECON2902</td>
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<td>Certain combinations of Maths/Stats may substitute for Econometrics. Consult the Chair of the Discipline of Economics.</td>
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<td>ECOS2001 Economics of Competition and Strategy</td>
<td>6</td>
<td>P ECON1001 and ECON1002 N ECOS2001, ECOS3005</td>
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<td>ECOS2002 Managerial Firms: Evolution &amp; Attributes</td>
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<td>P ECON1001 and ECON1002 N ECOS2001, ECOS3003, ECON3003</td>
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<tr>
<td>ECOS2001 Intermediate Microeconomics Honours</td>
<td>6</td>
<td>P ECON1001 and ECON1002 with a Credit average or better in the two units of study combined C ECOS2903 or MATH2070 and ECMT1010 N ECOS2901, ECOS2901, ECON2001</td>
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<td>ECOS2002 Intermediate Macroeconomics Honours</td>
<td>6</td>
<td>P ECON1001 and ECON1002 with a Credit average or better in the two units of study combined C ECMT1020 N ECOS2902, ECOS2902, ECON2002</td>
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<td>ECOS2003 Mathematical Economics A</td>
<td>6</td>
<td>C ECOS2901 N ECOS2903</td>
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<td>Students intending to proceed to the third year economics honours program must take this unit or MATH2070</td>
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<td>ECOS3002 Development Economics</td>
<td>6</td>
<td>P One of (ECOS2001 or ECON2001) or (ECOS2902 or ECON2902) or (ECOS2901 or ECON2901) or (ECOS2902 or ECON2902) N ECOS3002</td>
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<td>ECOS3003 Hierarchies, Incentives &amp; Firm Structure</td>
<td>6</td>
<td>P Either (ECOS2001 or ECON2001) or (ECOS2901 or ECON2901) N ECOS3003, ECOS3003</td>
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<td>ECOS3004 History of Economic Thought</td>
<td>6</td>
<td>P 1 of (ECOS2001 or ECON2001) or (ECOS2901 or ECON2901) or (ECOS2902 or ECON2902) or (ECOS2902 or ECON2902) or (ECO2001 or ECON2001) or (ECO2002 or ECON2002) N ECOS3004</td>
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<td>ECOS3005 Industrial Organisation</td>
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<td>P ECOS2001 or ECON2001 or ECOS2901 or ECON2901 N ECOS3005, ECOS32201</td>
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<td>ECOS3006 International Trade</td>
<td>6</td>
<td>P Either (ECOS2001 or ECON2001) or (ECOS2901 or ECON2901) N ECOS3005</td>
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<td>ECOS3007 International Macroeconomics</td>
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<td>ECOS3008 Labour Economics</td>
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<td>P One of (ECOS2001 or ECON2001) or (ECOS2901 or ECON2901) or (ECO2001 or ECON2001) or (ECO2002 or ECON2002) or (ECO2002 or ECON2002) N ECOS3008</td>
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<td>ECOS3010 Monetary Economics</td>
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<td>ECOS3011 Public Finance</td>
<td>6</td>
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<td>ECOS3012 Strategic Behaviour</td>
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<td>ECOS3016 Experimental and Behavioural Economics</td>
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<td>ECOS3017 Health Economics</td>
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<td>ECOS3018 Economics of Growth</td>
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<td>ECOS3019 Capital and Dynamics</td>
<td>6</td>
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## Arts units of study

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<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
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<tr>
<td>ECOS3020 Special Topic in Economics</td>
<td>6</td>
<td>P ECOS2001 (or ECON2001) and ECOS2002 (or ECON2002) and ECOS2901 (or ECON2901) and ECOS2902 (or ECON2902)</td>
<td>Note: Department permission required for enrolment.</td>
<td>Semester 1 Semester 2</td>
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<td>ECOS3021 Business Cycles and Asset Markets</td>
<td>6</td>
<td>P ECOS2002 or ECON2002 or ECOS2902 or ECON2902</td>
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<tr>
<td>ECOS3022 The Economics of Financial Markets</td>
<td>6</td>
<td>P (ECOS2001 or ECON2001 or ECON2002) and (ECOS2002 or ECON2002 or ECON2902 or ECON2902)</td>
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<tr>
<td>ECOS3901 Advanced Microeconomics Honours</td>
<td>6</td>
<td>P (ECOS2901 or ECON2901) and (ECOS2902 or ECON2902) and (ECOS2903 or ECON2903) and (ECOS3901 or MATH2070) with a 70% average or better over the three units combined</td>
<td>Note: Department permission required for enrolment. Students intending to proceed to fourth year economics honours must complete at least one unit of study from (ECOS3001 or ECON3001) to (ECOS3015 or ECON3015) inclusive, in either semester of their third year.</td>
<td>Semester 1 Semester 2</td>
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<tr>
<td>ECOS3902 Advanced Macroeconomics Honours</td>
<td>6</td>
<td>P (ECOS2901 or ECON2901), (ECOS2902 or ECON2902), (ECOS2903 or ECON2903) or (ECMT2110 or ECMT2110)</td>
<td>Note: Department permission required for enrolment. Students intending to proceed to fourth year economics honours must complete at least one unit of study from (ECOS3001 or ECON3001) to (ECOS3015 or ECON3015) inclusive, in either semester of their third year.</td>
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<tr>
<td>ECOS3903 Applied Economics</td>
<td>6</td>
<td>P (ECOS2901 or ECON2901), (ECOS2902 or ECON2902), (ECOS2903 or ECON2903) and (ECMT2110 or ECMT2110)</td>
<td>Note: Department permission required for enrolment. Students intending to proceed to fourth year economics honours must complete this unit or (ECMT3110 plus one of ECMT2120, ECMT3120, ECMT3130, EMCT3160 or ECMT3170).</td>
<td>Semester 2</td>
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<tr>
<td>ECON4101 Economics Honours A</td>
<td>12</td>
<td>P The prerequisite for entry to Economics Honours is at least 24 credit points at 3000 level Economics, including Advanced Microeconomics Honours: (ECOS3001 or ECON3001), Advanced Macroeconomics Honours: (ECOS3902 or ECON3902) and Applied Microeconomics (ECOS2901) with a 70% or better in ECOS3901, ECOS3902 and ECOS3903; and Regression Modelling (ECMT2110 or ECMT2110) and Mathematical Economics A (ECOS2903 or ECON2903).</td>
<td>Note: Department permission required for enrolment. Requirements for the Pass degree must be completed before entry to 4000 level honours units of study.</td>
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<td>ECON4102 Economics Honours B</td>
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<td>C ECON4101</td>
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<td>ECON4104 Economics Honours D</td>
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<td>C ECON4103</td>
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<td>ECOF9106 International Exchange Program</td>
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<td>ECOF9206 International Exchange Program</td>
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<td>ECOF9212 International Exchange Program</td>
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<td>ECOF9218 International Exchange Program</td>
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<td>ECOF9224 International Exchange Program</td>
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<td>Semester 1 Semester 2</td>
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### Education

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<th>Unit of study</th>
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<tr>
<td>EDUF1018 Education, Teachers and Teaching</td>
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<td>EDUF1019 Human Development and Education</td>
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<tr>
<td>EDUF2006 Educational Psychology</td>
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<tr>
<td>EDUF2007 Social Perspectives on Education</td>
<td>6</td>
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<td>EDUF3022 Sport: Contemporary Educational Issues</td>
<td>6</td>
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<tr>
<td>EDUF3026 Global Poverty and Education</td>
<td>6</td>
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<tr>
<td>EDUF3027 International Education</td>
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<td>EDUF3028 Mentoring in Educational Contexts</td>
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<tr>
<td>EDUF3029 Psychology of Learning and Teaching</td>
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<td>EDUF3030 Australian Secondary Schooling</td>
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<td>EDUF3032 Curriculum and Evaluation</td>
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<td>EDUF3034 Australian Theatre, Film and Learning</td>
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<td>EDUF3035 Multicultural Learning and Teaching</td>
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<td>EDUF3036 Arts-Based Learning and Teaching</td>
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<td>EDUF4215 Education Honours 1</td>
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<td>EDUF4216 Education Honours 2</td>
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*Environmental Studies*

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<tr>
<td>GEO1001 Earth, Environment and Society</td>
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<td>N GEOS1901, GEOG1001, GEOG1002, GEOL1001, GEOL1002, GEOL1902</td>
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<tr>
<td>GEO1002 Introductory Geography</td>
<td>6</td>
<td>N GEOS1902, GEOG1001, GEOG1002</td>
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<tr>
<td>GEO1901 Earth, Environment and Society Advanced</td>
<td>6</td>
<td>P Departmental permission is required for enrolment. An ATAR above 93 is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.</td>
<td>N GEOS1901, GEOG1001, GEOG1002, GEOL1001, GEOL1002, GEOL1902</td>
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<tr>
<td>GEO1902 Introductory Geography (Advanced)</td>
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<td>P Departmental permission is required for enrolment. A UAI (or ATAR equivalent) above 93 is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.</td>
<td>N GEOS1902, GEOG1001, GEOG1002</td>
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<tr>
<td>GEO1003 Introduction to Geology</td>
<td>6</td>
<td>N GEOS1903, GEOL1002, GEOL1902, GEOL1501</td>
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<tr>
<td>GEO1903 Introduction to Geology (Advanced)</td>
<td>6</td>
<td>P Departmental permission is required for enrolment. A UAI (or ATAR equivalent) above 93 is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.</td>
<td>N GEOL1002, GEOL1902, GEOS1903</td>
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<tr>
<td>ENV1211 Conservation Biology and Applied Ecology</td>
<td>6</td>
<td>P BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry.</td>
<td>N ENVI2911</td>
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<tr>
<td>ENV1211 Conservation Biol &amp; Applied Ecology Adv</td>
<td>6</td>
<td>P Distinction average in BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry. These requirements may be varied and students with lower averages should consult the Unit Executive Officer.</td>
<td>N ENVI2111</td>
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<tr>
<td>ENV2122 Atmospheric Processes and Climate</td>
<td>6</td>
<td>P 24 credit points of Junior Science units, including 12 credit points of Junior Chemistry or Physics</td>
<td>N ENVI2002</td>
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<tr>
<td>ENV3111 Environmental Law and Ethics</td>
<td>6</td>
<td>A Intermediate Environmental Science. P 12 credit points of Intermediate Science or Agriculture units.</td>
<td>N ENVI3001, ENVI3003</td>
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<tr>
<td>ENV3112 Environmental Assessment</td>
<td>6</td>
<td>A Intermediate Environmental Science. P 12 credit points of Intermediate Science or Agriculture units.</td>
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<tr>
<td>ENV3114 Energy and the Environment</td>
<td>6</td>
<td>A Junior Physics or Intermediate Environmental Science. P 12 credit points of Intermediate Science or Agriculture units.</td>
<td>N ENVI3001, PHYS3600</td>
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<td>Semester 2</td>
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<tr>
<td>GEO1212 Economic Geography of Global Development</td>
<td>6</td>
<td>P 24 credit points of Junior units of study, including 6 credit points of Junior Geoscience or ECOP1001 or ECOP1002</td>
<td>N GEOS2912, GEOG2511</td>
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<tr>
<td>GEO1212 Economic Geography of Global Dev. Adv.</td>
<td>6</td>
<td>P 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002</td>
<td>N GEOS2912, GEOG2511</td>
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<tr>
<td>GEO1213 Making the Australian Landscape</td>
<td>6</td>
<td>P 24 credit points of Junior units of study, including GEOS1002 or GEO1903 or GEO1902 or GEOL1001 or GEOL1002 or GEOL1902</td>
<td>N GEOS2913</td>
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<tr>
<td>GEO1213 Making the Australian Landscape Advanced</td>
<td>6</td>
<td>P 24 credit points of Junior units of study, including a distinction in one of GEOS1002 or GEO1903 or GEO1902 or GEOL1001 or GEOL1002 or GEOL1902</td>
<td>N GEOS2913</td>
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<tr>
<td>GEO1212 Urban Geography</td>
<td>6</td>
<td>P 24 credit points of Junior units of study, including 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002</td>
<td>N GEOS2922, GEOG2521</td>
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<tr>
<td>GEO1212 Urban Geography (Advanced)</td>
<td>6</td>
<td>P 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002</td>
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## Arts units of study

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<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
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<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
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<tbody>
<tr>
<td>GEOS3914 GIS in Coastal Management</td>
<td>6</td>
<td>P MARS(2005 or 2905) and MARS(2006 or 2906), or 12 credit points of Intermediate Geoscience* units, or (GEOS(2115 or 2915) and BIOL(2018 or 2918))</td>
<td>N GEOS3914, MARS3104</td>
<td>* Geoscience is the disciplines of Geography, Geology and Geophysics.</td>
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<td>Semester 2</td>
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<tr>
<td>GEOS3914 GIS in Coastal Management (Advanced)</td>
<td>6</td>
<td>P Distinction average in 12 credit points of Intermediate geography or geology units or GEOS (2115 or 2915) and BIOL (2018 or 2016). Department permission required for enrolment</td>
<td>N GEOS3014, MARS3104</td>
<td>Note: Department permission required for enrolment</td>
<td>A distinction average in prior Geography, Geology or Marine Science units of study is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.</td>
<td>Semester 2</td>
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<tr>
<td>GEOS3918 Rivers: Science, Policy and Management</td>
<td>6</td>
<td>P 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geoscience (GEOG or GEOS) units of study</td>
<td>N GEOS3918</td>
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<tr>
<td>GEOS3918 Rivers: Science and Management (Adv)</td>
<td>6</td>
<td>P Distinction average in 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geoscience(GEOS or GEOS) units of study</td>
<td>N GEOS3018</td>
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<tr>
<td>GEOS3913 Regional Development and Environment</td>
<td>6</td>
<td>P 24 credit points of intermediate and/or senior units of study including 6 credit points of intermediate units of study in Geography.</td>
<td>N ENV3113, GEOS3511, GEOS3911, GEOS3913</td>
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<tr>
<td>GEOS3913 Regional Development &amp; Environment (Adv)</td>
<td>6</td>
<td>P 24 credit points of intermediate and/or senior units of study including 6 credit points of intermediate units of study in Geography with a grade of Credit or better</td>
<td>N ENV3113, GEOS3511, GEOS3913, GEOS3511</td>
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<tr>
<td>GEG3521 Sustainable Cities</td>
<td>6</td>
<td>P 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geoscience</td>
<td>N GEOS3921, GEOG3202</td>
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<td>Semester 2</td>
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<tr>
<td>GEG3921 Sustainable Cities (Adv)</td>
<td>6</td>
<td>P Distinction average 24 credit points of Intermediate Units of study including 6 credit points of Intermediate Geoscience units of study.</td>
<td>N GEOS3521, GEOS3922</td>
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<td>GEOS3922 Cities and Citizenship</td>
<td>6</td>
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<td>N GEOS3522, GEOS3922</td>
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<tr>
<td>GEOS3922 Cities and Citizenship (Advanced)</td>
<td>6</td>
<td>P Distinction average 24 credit points of Intermediate Units of study including 6 credit points of Intermediate Geography units of study.</td>
<td>N GEOS3522</td>
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## Geography

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<th>Unit of study</th>
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<th>P: Prerequisites</th>
<th>C: Corequisites</th>
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<td>GEOS1001 Earth, Environment and Society</td>
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<td>6</td>
<td>P Departmental permission is required for enrolment. An ATAR above 93 is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.</td>
<td>N GEOS1001, GEOG1001, GEOG1002, GEOL1001, GEOL1002, GEOL1902</td>
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<td>GEOS1002 Introductory Geography</td>
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<td>GEOS1902 Introductory Geography (Advanced)</td>
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<td>P Departmental permission is required for enrolment. A UAI (or ATAR equivalent) above 93 is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.</td>
<td>N GEOS1002, GEOG1001, GEOG1002</td>
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<td>GEOS2111 Natural Hazards: a GIS Approach</td>
<td>6</td>
<td>P 24 credit points of Junior units of study including 6 credit points of Junior Geoscience</td>
<td>N GEOS2411, GEOS2911</td>
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<td>GEOS2111 Natural Hazards: a GIS Approach Advanced</td>
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<td>P 24 credit points of junior units of study including a distinction in 6 credit points of Junior Geoscience</td>
<td>N GEOS2411, GEOS2911</td>
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<td>GEOS2112 Economic Geography of Global Development</td>
<td>6</td>
<td>P 24 credit points of Junior units of study, including 6 credit points of Junior Geoscience or ECOP1001 or ECOP1002</td>
<td>N GEOS2912, GEOS2511</td>
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<td>GEOS2512 Economic Geography of Global Dev. Adv.</td>
<td>6</td>
<td>P 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002</td>
<td>N GEOS2912, GEOS2511</td>
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<td>GEOS2113 Making the Australian Landscape</td>
<td>6</td>
<td>P 24 credit points of Junior units of study, including GEOS1002 or GEOS1003 or GEOS1903 or GEOS2002 or GEOL1001 or GEOL1002 or GEOL1902</td>
<td>N GEOS2913</td>
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<td>GEOS2113 Making the Australian Landscape Advanced</td>
<td>6</td>
<td>P 24 credit points of Junior units of study, including distinction in one of GEOS1002 or GEOS1003 or GEOS1902 or GEOS1903 or GEOS1001 or ENVI1002 or GEOL1002 or GEOL1001 or GEOL1902</td>
<td>N GEOS2913</td>
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<td>GEOS2115 Oceans, Coasts and Climate Change</td>
<td>6</td>
<td>P At least one of (GEOS1001, GEOL1001, GEOL1002, GEOS1003, GEOS1903, ENVI1002, GEOL1002, GEOL1001)</td>
<td>N GEOS2915, MARS2006</td>
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<tr>
<td>GEOS2915 Oceans, Coasts and Climate Change (Adv)</td>
<td>6</td>
<td>P Distinction average in 48 credit points from Junior units of study</td>
<td>N GEOS2211, MARS2006</td>
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<tr>
<td>GEOS2121 Environmental and Resource Management</td>
<td>6</td>
<td>P 24 credit points of junior units of study, including 6 credit points of Junior Geoscience or ECOP1001 or ECOP1002</td>
<td>N GEOS2421, GEOL2002, GEOS2921</td>
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<td>Unit of study</td>
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<td>GEOS2921 Environmental &amp; Resource Management Adv</td>
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<td>P 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002. This requirement may be varied and students should consult the unit of study coordinator.</td>
<td>N GEOG2421, GEOG2202, GEOG2121</td>
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<tr>
<td>GEOS2122 Urban Geography</td>
<td>6</td>
<td>P 24 credit points of Junior units of study, including 6 credit points of Junior Geoscience or ECOP1001 or ECOP1002.</td>
<td>N GEOS2922, GEOG2521</td>
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<td>GEOS2922 Urban Geography (Advanced)</td>
<td>6</td>
<td>P 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002.</td>
<td>N GEOS2122</td>
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<td>Semester 2</td>
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<tr>
<td>GEG2321 Fluvial and Groundwater Geomorphology</td>
<td>6</td>
<td>P 24 credit points of Junior units of study including 6 credit points of Junior Geoscience. Students in the BevSys should have ENSY1001, 12 credit points of Chemistry, 6 credit points of Biology, BIOM1003 or ENVX2001.</td>
<td>N GEOG2002, GEOG2302, GEOG2303, MARS2002, MARS2006</td>
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<tr>
<td>GEOS3251 Sustainable Cities</td>
<td>6</td>
<td>P 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geoscience.</td>
<td>N GEOG3921, GEOG3302</td>
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<tr>
<td>GEG3921 Sustainable Cities (Adv)</td>
<td>6</td>
<td>P Distinction average 24 credit points of Intermediate Units of study including 6 credit points of Intermediate Geography units of study.</td>
<td>N GEOG3521, GEOG3302</td>
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<tr>
<td>GEOS3009 Coastal Environments and Processes</td>
<td>6</td>
<td>P Distinction average in 12 credit points of Intermediate Geoscience units and (6 further credit points of Physics or Mathematics or Information Technology or Engineering units) or ((MARS2005 or MARS2905) and (MARS2006 or MARS2906))</td>
<td>N GEOG3909, MARS3003, MARS3015</td>
<td>* Geoscience is the disciplines of Geography, Geology and Geophysics.</td>
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<tr>
<td>GEOS3009 Coastal Environments and Processes (Adv)</td>
<td>6</td>
<td>P Distinction average in (6 credit points of Intermediate Geoscience units) and (6 further credit points of Intermediate Geoscience or 6 credit points of Physics, Mathematics, Information Technology or Engineering units) or ((MARS2005 or MARS2905) and (MARS2006 or MARS2906))</td>
<td>N GEOG3909, MARS3003, MARS3015</td>
<td>* Geoscience is the disciplines of Geography, Geology and Geophysics.</td>
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<tr>
<td>GEOS3014 GIS in Coastal Management</td>
<td>6</td>
<td>P MARS(2005 or 2905) and MARS(2006 or 2906), or 12 credit points of Intermediate Geoscience units, or (GEOS(2115 or 2915) and BIOL(2018 or 2918)).</td>
<td>N GEOG3914, MARS3014</td>
<td>* Geoscience is the disciplines of Geography, Geology and Geophysics.</td>
<td>Semester 2</td>
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<tr>
<td>GEOS3014 GIS in Coastal Management (Advanced)</td>
<td>6</td>
<td>P Distinction average in 12 credit points of Intermediate geography or geology units or GEOS (2115 or 2915) and BIOL (2018 or 2918), Department permission required for enrolment.</td>
<td>N GEOG3014, MARS3014</td>
<td>Note: Department permission required for enrolment A distinction average in prior Geography or Geology units is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.</td>
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<td>GEOS3015 Environmental Geomorphology</td>
<td>6</td>
<td>A Intermediate geomorphology/ physical geography/ geology.</td>
<td>P 24 credit points of Intermediate units, including 6 credit points of Intermediate Geoscience</td>
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<td>GEOS3015 Environmental Geomorphology (Advanced)</td>
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<td>P Distinction average in 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geography units of study.</td>
<td>N GEOG3015</td>
<td>Note: Department permission required for enrolment</td>
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<tr>
<td>GEOS3018 Rivers: Science, Policy and Management</td>
<td>6</td>
<td>P 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geoscience (GEOG or GEOS) units of study</td>
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<tr>
<td>GEOS3918 Rivers: Science and Management (Adv)</td>
<td>6</td>
<td>P Distinction average in 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geoscience(GEOG or GEOG) units of study</td>
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<tr>
<td>GEOS3053 Asia-Pacific Field School-Assessment A</td>
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<td>P 6 credit points of Intermediate units of study in Geography. Department permission is required. S1 Intensive for enrolment.</td>
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<td>S1 Intensive</td>
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<td>Note: Department permission required for enrolment Students must contact the unit coordinator no later than the end of May in the year before taking this Unit.</td>
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<tr>
<td>GEOS3953 Asia-Pacific Field School-A (Adv)</td>
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<td>Note: Department permission required for enrolment Department permission required for enrolment Students must contact the unit coordinator no later than the end of May in the year before taking this Unit.</td>
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<td>P 6 credit points of Intermediate units of study in Geography. Department permission is required. S1 Intensive for enrolment.</td>
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<td>GEOS3513 Regional Development and Environment</td>
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<td>N ENV3113, GEO3511, GEO3911, GEO3913</td>
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<tr>
<td>GEOS3913 Regional Development &amp; Environment (Adv)</td>
<td>6</td>
<td>P 24 credit points of intermediate and/or senior units of study including 6 credit points of intermediate units of study in Geography with a grade of Credit or better</td>
<td>N ENV3113, GEO3511, GEO3913, GEO3911</td>
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<td>GEO3922 Cities and Citizenship (Advanced)</td>
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<td>P Distinction average in 24 credit points of Intermediate Units of study including 6 credit points of Intermediate Geography units of study.</td>
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<td>GEOG4013 Geography Honours C</td>
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<td>GEOG4014 Geography Honours D</td>
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<td>6</td>
<td>P Departmental permission is required for enrolment. An ATAR above 93 is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.</td>
<td>N GEOS1001, GEOG1001, GEOG1002, GEOL1001, GEOL1002, GEOL1902 Note: Department permission required for enrolment</td>
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<td>Semester 1</td>
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<tr>
<td>GEOS1002  Introductory Geography</td>
<td>6</td>
<td>N GEOS1902, GEOG1001, GEOG1002</td>
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<tr>
<td>GEOS1902  Introductory Geography (Advanced)</td>
<td>6</td>
<td>P Departmental permission is required for enrolment. A UAI (or ATAR equivalent) above 93 is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.</td>
<td>N GEOS1002, GEOG1001, GEOG1002</td>
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<tr>
<td>GEOS1003  Introduction to Geology</td>
<td>6</td>
<td>N GEOS1903, GEOL1002, GEOL1902, GEOL1501</td>
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<tr>
<td>GEOS1903  Introduction to Geology (Advanced)</td>
<td>6</td>
<td>P Departmental permission is required for enrolment. A UAI (or ATAR equivalent) above 93 is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.</td>
<td>N GEOL1002, GEOL1902, GEOS1003</td>
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<tr>
<td>GEOS2111  Natural Hazards: a GIS Approach</td>
<td>6</td>
<td>P 24 credit points of Junior units of study including 6 credit points of Junior Geoscience</td>
<td>N GEOG2411, GEOS2911</td>
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<td>Semester 1</td>
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<tr>
<td>GEOS2911  Natural Hazards: a GIS Approach Advanced</td>
<td>6</td>
<td>P 24 credit points of junior units of study including a distinction in 6 credit points of Junior Geoscience</td>
<td>N GEOG2411, GEOS2111</td>
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<td>Semester 1</td>
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<tr>
<td>GEOS2114  Volcanoes, Hot Rocks and Minerals</td>
<td>6</td>
<td>P One of (GEOG1001, GEOL1001, GEOL1002, GEOS1003, GEOS1903, ENVI1002, GEOL1902, GEOL1501) and 24 credit points of Junior Science units of study.</td>
<td>N GEOL2111, GEOL2911, GEOS2914</td>
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<td>Semester 1</td>
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<tr>
<td>GEOS2914  Volcanoes, Hot Rocks and Minerals Adv</td>
<td>6</td>
<td>P 24 credit points of Junior Science units of study and Distinction in one of GEOL1002 or GEOS1002 or ENVI1002 or GEOL1501 or GEOL1902 or GEOS1902 or GEOS1003 or GEOS1903. This requirement may be varied and students should consult the unit of study coordinator.</td>
<td>N GEOL1002, GEOL1902, GEOS1003</td>
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<td>Semester 2</td>
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<tr>
<td>GEOS2115  Oceans, Coasts and Climate Change</td>
<td>6</td>
<td>A At least one of (GEOG1001, GEOL1001, GEOL1002, GEOS1003, GEOS1903, ENVI1002, GEOL1902, GEOL1501)</td>
<td>P 48 credit points from Junior Units of Study</td>
<td>N GEOS2915, MARS2006</td>
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<td>Semester 1</td>
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<tr>
<td>GEOS2915  Oceans, Coasts and Climate Change (Adv)</td>
<td>6</td>
<td>A (GEOG1001, GEOL1001, GEOL1002, GEOS1003, GEOS1903, ENVI1002, GEOL1902, GEOL1501)</td>
<td>P Distinction average in 48 credit points from Junior units of study</td>
<td>N GEOS2115, MARS2006</td>
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<td>Semester 1</td>
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<tr>
<td>GEOS2121  Environmental and Resource Management</td>
<td>6</td>
<td>P 24 credit points of junior units of study, including 6 credit points of Junior Geoscience or ECOP1001 or ECOP1002</td>
<td>N GEOG2421, GEOL2202, GEOS2921</td>
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<td>Semester 2</td>
</tr>
<tr>
<td>GEOS2921  Environmental &amp; Resource Management Adv</td>
<td>6</td>
<td>P 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002. This requirement may be varied and students should consult the unit of study coordinator.</td>
<td>N GEOG2421, GEOL2202, GEOS2121</td>
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<td>Semester 2</td>
</tr>
<tr>
<td>GEOS2124  Fossils and Tectonics</td>
<td>6</td>
<td>P 24 credit points of Junior units of study, including GEOS1003 or GEOS1903 or GEOL1902 or GEOL1902 or GEOL1501</td>
<td>N GEOS2924, GEOL2123, GEOL2124</td>
<td></td>
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<td>Semester 2</td>
</tr>
<tr>
<td>GEOS2924  Fossils and Tectonics (Advanced)</td>
<td>6</td>
<td>P Distinction in GEOS1003 or Distinction average in 12 credit points of Junior Geoscience units (Geoscience is the disciplines of Geography, Geology and Geophysics)</td>
<td>N GEOS2124, GEOL2123, GEOL2124</td>
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<td>Semester 2</td>
</tr>
<tr>
<td>GEOS2922  Urban Geography (Advanced)</td>
<td>6</td>
<td>P 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002</td>
<td>N GEOL2122</td>
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<td>Semester 2</td>
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<tr>
<td>GEOSS008  Field Geology and Geophysics</td>
<td>6</td>
<td>P GEOG2124 or GEOS2924</td>
<td>N GEOL3103, GEOS3008</td>
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<td>Semester 2</td>
</tr>
<tr>
<td>GEOS2908  Field Geology and Geophysics (Advanced)</td>
<td>6</td>
<td>P GEOG2124 or GEOS2924 with a mark of 65% or greater</td>
<td>N GEOS3008</td>
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<td>Semester 2</td>
</tr>
<tr>
<td>GEOS3101  Earth’s Structure and Evolution</td>
<td>6</td>
<td>A GEOG2114, GEOS2124</td>
<td>P GEOG2114 and GEOS2124 or GEOS2124; or 24 credit points of Intermediate Science units of study and GEOS1003 with permission of the Head of School</td>
<td>N GEOS3801, GEOS3901, GEOS3903, GEOS3004, GEOS3804, GEOS3006, GEOS3906, GEOS3017, GEOS3917</td>
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<tr>
<td>Unit of study</td>
<td>Credit points</td>
<td>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</td>
<td>Session</td>
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</table>
| GEOS3801 Earth’s Structure and Evolutions (Adv)  | 6             | A GEOS2114, GEOS2124  
P Distinctions in GEOS(2114/2914) and GEOS(2124/2924); Students who have a credit average for all Geoscience units may enrol in this unit with the permission of the Head of School  
N GEOS3101, GEOS3003, GEOS3903, GEOS3004, GEOS3904, GEOS3006, GEOS3906, GEOS3017, GEOS3917 | Semester 1   |
| GEOS3102 Global Energy and Resources             | 6             | A GEOS2114 and GEOS2124  
P GEOS(2114 or 2914) and GEOS(2124 or 2924); or 24 credit points of Intermediate Science units of study and GEOS1003 with permission of the Head of School  
N GEOS3802, GEOS3003, GEOS3903, GEOS3004, GEOS3904, GEOS3006, GEOS3906, GEOS3017, GEOS3917 | Semester 1   |
| GEOS3802 Global Energy and Resources (Adv)       | 6             | A GEOS2114 and GEOS2124  
P Distinction in GEOS(2114 or 2914) and GEOS(2124 or 2924); Students who have a credit average for all Geoscience units may enrol in this unit with the permission of the Head of School  
N GEOS3102, GEOS3003, GEOS3903, GEOS3004, GEOS3904, GEOS3006, GEOS3906, GEOS3017, GEOS3917 | Semester 1   |
| GEOS3103 Environmental and Sedimentary Geology   | 6             | A GEOS1003, GEOS2124  
P GEOS(2124 or 2924) and GEOS(2111 or 2911 or 2114 or 2914 or 2113 or 2913); or GEOS(1003 or 1903) and 24 credit points of Intermediate Science units of study with permission of the Head of School  
N GEOS3803 | Semester 2   |
| GEOS3803 Environmental & Sedimentary Geology(Adv) | 6             | A GEOS1003, GEOS2124  
P Distinctions in GEOS(2114 or 2914) and GEOS(2124 or 2924); Students who have a credit average for all Geoscience units may enrol in this unit with the permission of the Head of School  
N GEOS3103 | Semester 2   |
| GEOS3104 Geophysical Methods                     | 6             | P 24 credit points of Intermediate Science units of study or (GEOS(2114/2914) and GEOS(2124/2924))  
N GEOS3004, GEOS3804, GEOS3003, GEOS3903, GEOS3006, GEOS3906, GEOS3016, GEOS3916, GEOS3017, GEOS3917 | Semester 2   |
| GEOS3804 Geophysical Methods (Advanced)          | 6             | P Distinction in GEOS2114 or GEOS2914 and GEOS2124 or GEOS2924; Students who have a credit average for all Geoscience units may enrol in this unit with the permission of the Head of School  
N GEOS3104, GEOS3003, GEOS3903, GEOS3006, GEOS3906, GEOS3016, GEOS3918, GEOS3017, GEOS3917 | Semester 2   |
<p>| GEOL4011 Geology Honours A                       | 12            | Note: Department permission required for enrolment                   | Semester 1   |
| GEOL4012 Geology Honours B                       | 12            | C GEOL4011                                                           | Semester 1   |
| GEOL4013 Geology Honours C                       | 12            | C GEOL4012                                                           | Semester 2   |
| GEOL4014 Geology Honours D                       | 12            | C GEOL4013                                                           | Semester 2   |
| GEOL1551 Geology Exchange                        | 6             | Note: Department permission required for enrolment Special permission is required for this unit of study. | S1 Intensive |
| GEOL1552 Geology Exchange                        | 6             | Note: Department permission required for enrolment Special permission is required for this unit of study. | S1 Intensive |
| GEOL2554 Geology Exchange                        | 6             | Note: Department permission required for enrolment Special permission is required for this unit of study. | S1 Intensive |
| GEOL2955 Geology Exchange                        | 6             | Note: Department permission required for enrolment Special permission is required for this unit of study. | S1 Intensive |</p>
<table>
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<tr>
<th>Unit of study</th>
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<th>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</th>
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<tr>
<td>GEOL2556 Geology Exchange</td>
<td>6</td>
<td>Note: Department permission required for enrolment Special permission is required for this unit of study.</td>
<td>S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b</td>
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<tr>
<td>GEOL2557 Geology Exchange</td>
<td>6</td>
<td>Note: Department permission required for enrolment Special permission is required for this unit of study.</td>
<td>S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b</td>
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<tr>
<td>GEOL3551 Geology Exchange</td>
<td>6</td>
<td>Note: Department permission required for enrolment Special permission is required for this unit of study.</td>
<td>S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b</td>
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<tr>
<td>GEOL3552 Geology Exchange</td>
<td>6</td>
<td>Note: Department permission required for enrolment Special permission is required for this unit of study.</td>
<td>S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b</td>
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<td>GEOL3553 Geology Exchange</td>
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<td>Note: Department permission required for enrolment Special permission is required for this unit of study.</td>
<td>S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b</td>
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<td>GEOL3554 Geology Exchange</td>
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<td>Note: Department permission required for enrolment Special permission is required for this unit of study.</td>
<td>S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b</td>
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<td>GEOS3551 Geoscience Exchange</td>
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<td>Note: Department permission required for enrolment Special permission is required for this unit of study.</td>
<td>S1 Intensive S1 Late Int S2 Intensive S2 Late Int Semester 1 Semester 1a Semester 1b Semester 2 Semester 2a Semester 2b</td>
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<td>GEOS3552 Geoscience Exchange</td>
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<td>Note: Department permission required for enrolment Special permission is required for this unit of study.</td>
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<tr>
<td>GEOS3553 Geoscience Exchange</td>
<td>6</td>
<td>Note: Department permission required for enrolment Special permission is required for this unit of study.</td>
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### Arts units of study

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<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
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<tr>
<td>GEOS3554 Geoscience Exchange</td>
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<td>Note: Department permission required for enrolment</td>
<td>Special permission is required for this unit of study.</td>
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### History and Philosophy of Science

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<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
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<tr>
<td>HPSC1000 Bioethics</td>
<td>6</td>
<td>N HPSC1900</td>
<td>This Junior unit of study is highly recommended to Intermediate and Senior Life Sciences students.</td>
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<td>Semester 1</td>
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<tr>
<td>HPSC1900 Bioethics (Advanced)</td>
<td>6</td>
<td>N HPSC1000</td>
<td>Note: Department permission required for enrolment</td>
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<td>Semester 1</td>
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<tr>
<td>HPSC2100 The Birth of Modern Science</td>
<td>6</td>
<td>P 24 credit points of Junior units of study</td>
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<td>Semester 1</td>
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<tr>
<td>HPSC2101 What Is This Thing Called Science?</td>
<td>6</td>
<td>P 24 credit points of Junior units of study</td>
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<td>Semester 2</td>
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<tr>
<td>HPSC2900 The Birth of Modern Science (Advanced)</td>
<td>6</td>
<td>P Enrolment in the Talented Student Program or 24 credit points of Junior study with a Distinction average</td>
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<td>Semester 1</td>
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<tr>
<td>HPSC2901 What Is This Thing Called Science? (Adv)</td>
<td>6</td>
<td>P Enrolment in the Talented Student Program or 24 credit points of Junior study with a Distinction average</td>
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<td>Semester 2</td>
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<tr>
<td>HPSC3002 History of Biological/Medical Sciences</td>
<td>6</td>
<td>P HPSC(2100 or 2900) and HPSC(2101 or 2901)</td>
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<td>Semester 2</td>
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<tr>
<td>HPSC3016 The Scientific Revolution</td>
<td>6</td>
<td>P HPSC(2100 or 2900) and HPSC(2101 or 2901)</td>
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<td>Semester 2</td>
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<tr>
<td>HPSC3021 Philosophy and Sociology of Biology</td>
<td>6</td>
<td>A HPSC (2100 and 2101) or HPSC (2001 and 2002),</td>
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<td>Semester 1</td>
</tr>
<tr>
<td>This unit of study is not available in 2011</td>
<td></td>
<td>P At least 12 credit points of Intermediate HPSC units or Credit or better in at least 6 credit points of Intermediate HPSC units, and at least 24 credit points of Intermediate or Senior units.</td>
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<tr>
<td>HPSC3022 Science and Society</td>
<td>6</td>
<td>P HPSC(2100 or 2900) and HPSC(2101 or 2901)</td>
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<td>Semester 1</td>
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<tr>
<td>HPSC3023 Psychology &amp; Psychiatry: History &amp; Phil</td>
<td>6</td>
<td>A Basic knowledge about the history of modern science as taught in HPSC2100 AND the principles of philosophy of science as taught in HPSC2101 OR knowledge of the various sub-disciplines within Psychology.</td>
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<td>Semester 1</td>
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<tr>
<td>HPSC3024 Science and Ethics</td>
<td>6</td>
<td>P At least 24 credit points of Intermediate or Senior units of study: HPSC1000</td>
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<td>Semester 2</td>
</tr>
<tr>
<td>HPSC4101 Philosophy of Science</td>
<td>6</td>
<td>P Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission.</td>
<td>Note: Department permission required for enrolment</td>
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<td>Semester 1</td>
</tr>
<tr>
<td>HPSC4102 History of Science</td>
<td>6</td>
<td>P Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission.</td>
<td>Note: Department permission required for enrolment</td>
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<td>Semester 2</td>
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<tr>
<td>HPSC4103 Sociology of Science</td>
<td>6</td>
<td>P Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission.</td>
<td>Note: Department permission required for enrolment</td>
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<td>Semester 2</td>
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<tr>
<td>HPSC4104 Recent Topics in HPS</td>
<td>6</td>
<td>P Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission.</td>
<td>Note: Department permission required for enrolment</td>
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<td>Semester 2</td>
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<tr>
<td>HPSC4105 HPS Research Methods</td>
<td>6</td>
<td>P Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission.</td>
<td>Note: Department permission required for enrolment</td>
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<td>Semester 2</td>
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<tr>
<td>HPSC4108 Core topics: History &amp; Philosophy of Sci</td>
<td>6</td>
<td>P Available only to students admitted to HPS Honours, Graduate Diploma in Science (History and Philosophy of Science) and Graduate Certificate in Science (History and Philosophy of Science), or by special permission</td>
<td>Note: Department permission required for enrolment</td>
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<td>Semester 2</td>
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<tr>
<td>HPSC4201 HPS Research Project 1</td>
<td>6</td>
<td>A (HPSC2001 and HPSC2002) or (HPSC2100 and HPSC2101)</td>
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<td>Semester 1</td>
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</table>
### Industrial Relations and Human Resource Management

<table>
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<tr>
<th>Unit of study</th>
<th>Credit points</th>
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<th>N: Prohibition</th>
<th>Session</th>
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<tr>
<td>HPSC4202 HPS Research Project 2</td>
<td>6</td>
<td>A (HPSC2001 and 2002) or (HPSC2100 and HPSC2101)</td>
<td>P Available only to students admitted to HPS Honours and Graduate Diploma or Certificate in Science (History and Philosophy of Science). N HPSC4106, HPSC4107</td>
<td>Note: Department permission required for enrolment</td>
<td>Semester 1 Semester 2</td>
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<tr>
<td>HPSC4203 HPS Research Project 3</td>
<td>6</td>
<td>A (HPSC2001 and 2002) or (HPSC2100 and HPSC2101)</td>
<td>P Available only to students admitted to HPS Honours and Graduate Diploma or Certificate in Science (History and Philosophy of Science). N HPSC4106, HPSC4107</td>
<td>Note: Department permission required for enrolment</td>
<td>Semester 1 Semester 2</td>
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<tr>
<td>HPSC4204 HPS Research Project 4</td>
<td>6</td>
<td>A (HPSC2001 and 2002) or (HPSC2100 and HPSC2101)</td>
<td>P Available only to students admitted to HPS Honours and Graduate Diploma or Certificate in Science (History and Philosophy of Science). N HPSC4106, HPSC4107</td>
<td>Note: Department permission required for enrolment</td>
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<tr>
<td>HPSC4999 History &amp; Philosophy of Science Honours</td>
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<td>Available only to students admitted to HPS Honours. Note: Department permission required for enrolment</td>
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<td>Semester 1 Semester 2</td>
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</table>

**Industrial Relations and Human Resource Management**

**WORK1003 Foundations of Work and Employment**
- 6 credit points of senior level WORK units of study
- This is the compulsory unit of study for the Industrial Relations/Human Resource Management major.
- Semester 1 Semester 2

**WORK2201 Foundations of Management**
- 6 credit points of senior level WORK units of study
- N IREL2001, WORK2001
- This is the compulsory unit of study for the Management major.
- Semester 1

**WORK2203 Industrial Relations Policy**
- 6 credit points of senior level WORK units of study
- N IREL2003, WORK2003
- This is the compulsory unit of study for the Industrial Relations/Human Resource Management major.
- Semester 2

**WORK2205 Human Resource Processes**
- 6 credit points of senior level WORK units of study
- N IREL2005, WORK2005
- This is the compulsory unit of study for the Industrial Relations/Human Resource Management major.
- Semester 1

**WORK2209 Organisational Analysis and Behaviour**
- 6 credit points of senior level WORK units of study
- N IREL2009, WORK2009
- Semester 1

**WORK2210 Strategic Management**
- 6 credit points of senior level WORK units of study
- N IREL2010, WORK2010
- Semester 1

**WORK2211 Human Resource Strategies**
- 6 credit points of senior level WORK units of study
- N IREL2011, WORK2011
- Semester 2

**WORK2215 IR and HRM Practice**
- 6 credit points of senior level WORK units of study
- P WORK1003 or (WORK1001 and WORK1002) plus 12 senior credit points in WOS units of study
- S2 Late Int
- Semester 2

**WORK2217 International Human Resource Management**
- 6 credit points of senior level WORK units of study
- N IREL2015, WORK2015
- Note: Department permission required for enrolment
- Entry to the unit is by application to the Discipline of Work and Organisational Studies Office and is on a merit basis. The application can be downloaded at: http://sydney.edu.au/business/_data/assets/word_doc/0003/62076/WORK2215_Application_Form_2010.doc
- Semester 2

**WORK2218 People and Organisations**
- 6 credit points of senior level WORK units of study
- N IREL2018, IREL2019
- Semester 2

**WORK2219 Management and Organisational Ethics**
- 6 credit points of senior level WORK units of study
- N IREL2019, IREL2020
- Semester 2

**WORK2222 Leadership in Organisations**
- 6 credit points of senior level WORK units of study
- N IREL2022, IREL2023
- Semester 2

**WORK2225 Work and Society**
- 6 credit points of senior level WORK units of study
- P WORK1003
- Semester 1

**WORK2227 Regulation at Work**
- 6 credit points of senior level WORK units of study
- N WORK2007, WORK2008
- Semester 1

**WORK3921 Theories of Work and Organisations**
- 6 credit points of senior level WORK units of study
- P WORK1003
- N IREL3901, IREL3902
- Semester 1

**WORK3922 Researching Work and Organisations**
- 6 credit points of senior level WORK units of study
- P WORK3921 or IREL3921 or IREL3922
- N IREL3921, IREL3922
- Semester 2

**WORK4101 Industrial Relations & HRM Honours A**
- 12 credit points of senior level WORK units of study
- N IREL4101
- Semester 1 Semester 2

**WORK4102 Industrial Relations & HRM Honours B**
- 12 credit points of senior level WORK units of study
- N IREL4102
- Semester 1 Semester 2

**WORK4103 Industrial Relations & HRM Honours C**
- 12 credit points of senior level WORK units of study
- N IREL4103
- Semester 1 Semester 2
## Information Systems

### Arts units of study

<table>
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<tr>
<th>Unit of study</th>
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<tr>
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<tr>
<td>INFO1003 Foundations of Information Technology</td>
<td>6</td>
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<tr>
<td>INFO1103 Introduction to Programming</td>
<td>6</td>
<td>A HSC Mathematics N SOFT (1001 or 1901) or COMP (1001 or 1901) or DECO2011</td>
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<tr>
<td>INFO1903 Informatics (Advanced)</td>
<td>6</td>
<td>A HSC Mathematics N ATAR sufficient to enter BCST(Adv), BIT or BSc(Adv), or portfolio of work suitable for entry</td>
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<td>INFO1105 Data Structures</td>
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<td>A Programming, as for INFO1103 N INFO1905 or SOFT (1002 or 1902) or COMP (1002 or 1902) or 2160 or 2860 or 2111 or 2811 or 2002 or 2802</td>
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<td>INFO1905 Data Structures (Advanced)</td>
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<td>P 75% or greater in INFO1103 or INFO1903 N INFO1905 or SOFT (1002 or 1902) or COMP (1002 or 1902)</td>
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<td>INFO1911 IT Special Project 1A</td>
<td>6</td>
<td>Note: Department permission required for enrolment</td>
<td>Semester 1</td>
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<td></td>
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<td>Enrolment in this unit of study is by invitation only</td>
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<tr>
<td>INFO1912 IT Special Project 1B</td>
<td>6</td>
<td>A ATAR of at least 98 and High Distinction average in first year non-IT units of study. Note: Department permission required for enrolment</td>
<td>Semester 2</td>
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<td></td>
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<td>Departmental permission is required.</td>
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<tr>
<td>INFO2110 Systems Analysis and Modelling</td>
<td>6</td>
<td>A Experience with a data model as in INFO1003 or INFO1103 or INFO1000 N INFO2820, INFO2900, INFO2900</td>
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<tr>
<td>INFO2120 Database Systems 1</td>
<td>6</td>
<td>A Some exposure to programming and some familiarity with data model concepts such as taught in INFO1103 or INFO1105 or INFO1000 or INFO1105 N INFO2820, INFO2900, INFO2900</td>
<td>Semester 1</td>
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<tr>
<td>INFO2820 Database Systems 1 (Advanced)</td>
<td>6</td>
<td>P Distinction-level result in INFO1003 or INFO1103 or INFO1903 or INFO1005 or INFO1005 N INFO2120, INFO2900, INFO2900</td>
<td>Semester 1</td>
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<td>Semester 2</td>
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<tr>
<td>INFO2315 Introduction to IT Security</td>
<td>6</td>
<td>A Computer literacy N NETS3305, NETS3605, NETS3016, NETS3916, ELEC35610, ELEC5616</td>
<td>Semester 2</td>
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<tr>
<td>INFO2911 IT Special Project 2A</td>
<td>6</td>
<td>P Distinction average in non-IT units completed in previous year of study, high distinction average in IT units completed in previous year. Note: Department permission required for enrolment</td>
<td>Semester 1</td>
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<tr>
<td>INFO2912 IT Special Project 2B</td>
<td>6</td>
<td>P Distinction average in non-IT units completed in previous year of study, high distinction average in IT units completed in previous year. Note: Department permission required for enrolment</td>
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<td>ISYS2140 Information Systems</td>
<td>6</td>
<td>A INFO1003 or INFO1000 N ISYS2006, ISYS2007</td>
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<tr>
<td>INFO2220 Object Oriented Design</td>
<td>6</td>
<td>A INFO2110, INFO1015 N SOFT3301, SOFT3601, SOFT3101, SOFT3801, COMP3008, COMP3908</td>
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<tr>
<td>INFO3315 Human-Computer Interaction</td>
<td>6</td>
<td>A INFO2110 N MULT3307, MULT3607, MULT3018, MULT3918, SOFT3102, SOFT3802, COMP3102, COMP3802</td>
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<tr>
<td>INFO3402 Management of IT Projects and Systems</td>
<td>6</td>
<td>A INFO2820, INFO2110, INFO2810, INFO2900 N ISYS3000, ISYS3012, ELEC3606</td>
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<tr>
<td>INFO3404 Database Systems 2</td>
<td>6</td>
<td>A Introductory database study such as INFO2120 or INFO2820 or INFO2005 or INFO2905. Students are expected to be familiar with SQL and the relational data model, and to have some programming experience. N INFO3904, INFO3905, INFO3905, COMP3005, COMP3905</td>
<td>Semester 2</td>
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<tr>
<td>INFO3504 Database Systems 2 (Adv)</td>
<td>6</td>
<td>P Distinction-level result in INFO2120 or INFO2820 or COMP2007 or COMP2907 N INFO3404, INFO3905, INFO3905, COMP3005, COMP3905</td>
<td>Semester 2</td>
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<tr>
<td>INFO3911 IT Special Project 3A</td>
<td>6</td>
<td>P Distinction average in non-IT units completed in previous year of study, high distinction average in IT units completed in previous year. Note: Department permission required for enrolment</td>
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<tr>
<td>INFO3912 IT Special Project 3B</td>
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<td>P Distinction average in non-IT units completed in previous year of study, high distinction average in IT units completed in previous year. Note: Department permission required for enrolment</td>
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<tr>
<td>ISYS3400 Information Systems Project</td>
<td>6</td>
<td>A INFO2120 P (INFO3402 or ISYS3012) and (ISYS3401 or ISYS3015) N INFO3900, ISYS3020</td>
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<tr>
<td>ISYS3401 Analytical Methods &amp; Information Systems</td>
<td>6</td>
<td>A INFO2110, ISYS2140 N ISYS3015</td>
<td>Semester 1</td>
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<tr>
<td>ELEC3610 E-Business Analysis and Design</td>
<td>6</td>
<td>P INFO2120 N EBUS3003, EBUS3001</td>
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<tr>
<td>ISYS4301 Information Systems Honours A</td>
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<tr>
<td>ISYS4302 Information Systems Honours B</td>
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<td>C ISYS3402</td>
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<tr>
<td>ISYS4303 Information Systems Honours C</td>
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<td>C ISYS3402</td>
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<td>Semester 2</td>
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### International Business

(For Bachelor of International and Global Studies Students only.)

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
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<tbody>
<tr>
<td>ISYS4304 Information Systems Honours D</td>
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<td>C ISYS4303</td>
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<tr>
<td>ISYS3554 Information Systems Exchange</td>
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<td>ISYS3555 Information Systems Exchange</td>
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<td>ISYS3557 Information Systems Exchange</td>
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### Law

<table>
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<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
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<tbody>
<tr>
<td>LAWS1006 Foundations of Law</td>
<td>6</td>
<td>N LAWS1000</td>
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<td>Semester 1</td>
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<tr>
<td>LAWS1012 Torts</td>
<td>6</td>
<td>P LAWS1006, LAWS1005, LAWS1010, LAWS2001</td>
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<td></td>
<td>S1 Intensive, 2</td>
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<tr>
<td>LAWS1013 Legal Research I</td>
<td>C LAWS1006</td>
<td>N LAWS1006, LAWS1010, LAWS1000</td>
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<tr>
<td>LAWS1014 Civil and Criminal Procedure</td>
<td>6</td>
<td>P LAWS1006, LAWS1012, LAWS1000, LAWS1007, LAWS2002, LAWS3002, LAWS3004, LAWS2006</td>
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<tr>
<td>LAWS1015 Contracts</td>
<td>6</td>
<td>P LAWS1006, LAWS1000, LAWS1002, LAWS2008</td>
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<tr>
<td>LAWS1016 Criminal Law</td>
<td>6</td>
<td>P LAWS1006, LAWS1014, LAWS1000, LAWS1003, LAWS2000, LAWS2001</td>
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<td>Semester 1, 2</td>
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<tr>
<td>LAWS1017 Torts and Contracts II</td>
<td>6</td>
<td>(LAWS1010 or LAWS1012) and LAWS1015</td>
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<tr>
<td>LAWS1019 Legal Research II</td>
<td>P LAWS1013</td>
<td>N LAWS1008, LAWS1000, LAWS1010, LAWS1002</td>
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<tr>
<td>LAWS1021 Public Law</td>
<td>6</td>
<td>P LAWS1006, LAWS1007, LAWS3003, LAWS1004</td>
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<tr>
<td>LAWS1023 Public International Law</td>
<td>6</td>
<td>P LAWS1006, LAWS1010, LAWS2005</td>
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**Unit of study points**

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<th>Arts units of study</th>
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<tr>
<td>Winter Main</td>
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<td>Semester 1</td>
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<td>Winter Main</td>
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<td>Semester 2</td>
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<tr>
<td>Summer Main</td>
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<tr>
<td>Semester 2</td>
</tr>
<tr>
<td>Summer Late</td>
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<tr>
<td>Semester 2</td>
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</table>

**Session**

- Semester 1: Main session, held in the first semester of the academic year.
- Semester 2: Main session, held in the second semester of the academic year.
- Summer Main: Main session, held in the main summer session.
- Summer Late: Summer session, held in the late summer session.
- S1 Intensive: Intensive session, held in Intensive Semester.
### Arts units of study

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
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<tr>
<td><strong>Management</strong></td>
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<tr>
<td>ECOS2306 Managerial Firms: Evolution &amp; Attributes</td>
<td>6</td>
<td>P ECON1001 and ECON1002</td>
<td>N ECDS2006, ECOS3003, ECON3003</td>
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<td>Semester 2</td>
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<tr>
<td>ECOS3003 Hierarchies, Incentives &amp; Firm Structure</td>
<td>6</td>
<td>P Either (ECOS2001 or ECON2001) or (ECOS2001 or ECON2001)</td>
<td>N ECOS2003, ECOS3006</td>
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<td>Semester 2</td>
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<tr>
<td>ECOS3005 Industrial Organisation</td>
<td>6</td>
<td>P ECOS2001 or ECON2001 or ECOS2901 or ECON2901</td>
<td>N ECON2005, ECON3005</td>
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<td>Semester 2</td>
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<tr>
<td>ECOS3008 Labour Economics</td>
<td>6</td>
<td>P One of (ECOS2001 or ECON2001 or ECOS2901 or ECON2901 or ECOP2011 or ECOP2001) and one of (ECOS2002 or ECON2002 or ECOS2902 or ECON2902 or ECOP2002 or ECOP2002)</td>
<td>N ECON3008</td>
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<tr>
<td>ECOS3012 Strategic Behaviour</td>
<td>6</td>
<td>P ECOS2001 or ECON2001 or ECOS2901 or ECON2901</td>
<td>N ECON3012, ECOS3901</td>
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<tr>
<td>WORK2201 Foundations of Management</td>
<td>6</td>
<td>P 24 credit points of junior units of study</td>
<td>N IREL2001, WORK2001</td>
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<td>Semester 1</td>
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<tr>
<td>WORK2205 Human Resource Processes</td>
<td>6</td>
<td>P 24 credit points of junior units of study including WORK1003 (or WORK1002 or IREL1002)</td>
<td>N IREL2005, WORK2005</td>
<td>This is the compulsory unit of study for the Management major.</td>
<td>Semester 1</td>
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<tr>
<td>WORK2209 Organisational Analysis and Behaviour</td>
<td>6</td>
<td>P 40 credit points worth of units of study</td>
<td>N IREL2009, WORK2009</td>
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<td>WORK2210 Strategic Management</td>
<td>6</td>
<td>P 40 credit points worth of units of study</td>
<td>N IREL2010, WORK2010</td>
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<td>Semester 1</td>
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<tr>
<td>WORK2211 Human Resource Strategies</td>
<td>6</td>
<td>P 40 credit points of units of study including WORK1003 (or WORK1002 or IREL1002)</td>
<td>N IREL2011, WORK2011</td>
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<td>Semester 2</td>
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<tr>
<td>WORK2217 International Human Resource Management</td>
<td>6</td>
<td>P 40 credit points worth of units of study including either (WORK1003 or WORK1001 or IREL1001) or (IBUS2101 or IBUS2001)</td>
<td>N WORK2017</td>
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<td>Semester 2</td>
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<tr>
<td>WORK2218 People and Organisations</td>
<td>6</td>
<td>P 24 junior credit points</td>
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<tr>
<td>WORK2219 Management and Organisational Ethics</td>
<td>6</td>
<td>P 40 credit points worth of units of study</td>
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<tr>
<td>WORK2220 Managing Knowledge Work</td>
<td>6</td>
<td>P 48 credit points</td>
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<tr>
<td>WORK2222 Leadership in Organisations</td>
<td>6</td>
<td>A WORK2201 or WORK2218</td>
<td>P 40 credit points worth of units of study</td>
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<tr>
<td>WORK2227 Regulation at Work</td>
<td>6</td>
<td>A WORK1003</td>
<td>P 24 credit points of junior units of study including WORK1003</td>
<td>WORK2207, WORK2208</td>
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<td>Semester 1</td>
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<tr>
<td><strong>Mathematics</strong></td>
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<tr>
<td>MATH1001 Differential Calculus</td>
<td>3</td>
<td>A HSC Mathematics Extension 1</td>
<td>N MATH1011, MATH1901, MATH1906, MATH1111</td>
<td>N MATH1904, MATH2011</td>
<td>Semester 1</td>
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<tr>
<td>MATH1002 Linear Algebra</td>
<td>3</td>
<td>A HSC Mathematics Extension 1</td>
<td>N MATH1902, MATH1012, MATH1014</td>
<td>N MATH2015, MATH2016</td>
<td>Semester 1</td>
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<tr>
<td>MATH1003 Integral Calculus and Modelling</td>
<td>3</td>
<td>A HSC Mathematics Extension 2 or MATH1001 or MATH1011</td>
<td>N MATH1012, MATH1903, MATH1907</td>
<td>N MATH2015, MATH2016</td>
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<td>MATH1004 Discrete Mathematics</td>
<td>3</td>
<td>A HSC Mathematics Extension 1</td>
<td>N MATH1904, MATH2011</td>
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<tr>
<td>MATH1005 Statistics</td>
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<td>A HSC Mathematics</td>
<td>N MATH1015, MATH1905, STAT1021, STAT1022, ECMT1010</td>
<td>N MATH2015, MATH2016</td>
<td>Semester 2</td>
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<tr>
<td>MATH1011 Applications of Calculus</td>
<td>3</td>
<td>A HSC Mathematics</td>
<td>N MATH1111, MATH1001, MATH1901, MATH1906, BIOM1003</td>
<td>N MATH2015, MATH2016</td>
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<td>MATH1013 Mathematical Modelling</td>
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<td>A HSC Mathematics or MATH1111</td>
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<td>N MATH2015, MATH2016</td>
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<td>MATH1014 Introduction to Linear Algebra</td>
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<td>A HSC Mathematics or MATH1111</td>
<td>N MATH1003, MATH1903, MATH1907</td>
<td>N MATH2015, MATH2016</td>
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<td>MATH1015 Biostatistics</td>
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<td>N MATH1005, MATH1905, STAT1021, STAT1022, ECMT1010, BIOM1003</td>
<td>N MATH2015, MATH2016</td>
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<tr>
<td>MATH1111 Introduction to Calculus</td>
<td>6</td>
<td>A HSC General Mathematics</td>
<td>N MATH1001, MATH1901, MATH1011, MATH1906</td>
<td>N MATH2015, MATH2016</td>
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<td>MATH1901 Differential Calculus (Advanced)</td>
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<td>P HSC Mathematics Extension 2. This requirement may be varied. Students with an interest in mathematics, but without HSC mathematics Extension 2, should consult the unit of study coordinator</td>
<td>N MATH1111, MATH1011, MATH1001, MATH1906</td>
<td>N MATH2015, MATH2016</td>
<td>Semester 1</td>
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</table>

Note: Department permission required for enrolment Students who have previously studied calculus at any level are prohibited from enrolling in this unit. In particular, students with HSC Mathematics Extension 1/Extension 2 (or equivalent) are prohibited.
<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
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<th>Session</th>
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<td>MATH1902 Linear Algebra (Advanced)</td>
<td>3</td>
<td>P HSC Mathematics Extension 2. This requirement may be varied. Students with an interest in mathematics, but without HSC mathematics Extension 2, should consult the unit of study coordinator. MATH1002, MATH1012, MATH1014</td>
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<tr>
<td>MATH1903 Integral Calculus and Modelling Advanced</td>
<td>3</td>
<td>A HSC Mathematics Extension 2 or Credit or better in MATH1001 or MATH1901. P HSC Mathematics Extension 2. This requirement may be varied. Students with an interest in mathematics, but without HSC mathematics Extension 2, should consult the unit of study coordinator. MATH1903, MATH1013, MATH1907</td>
<td>N MATH1003, MATH1013</td>
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<td>MATH1905 Statistics (Advanced)</td>
<td>3</td>
<td>P HSC Mathematics Extension 2. This requirement may be varied. Students with an interest in mathematics, but without HSC mathematics Extension 2, should consult the unit of study coordinator. MATH1905, MATH1005, STAT1021, STAT1022, ECMT1010</td>
<td>N MATH1905, MATH1015</td>
<td>Semester 2</td>
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<tr>
<td>MATH1906 Mathematics (Special Studies Program) A</td>
<td>3</td>
<td>P UAI (or ATAR equivalent) of at least 98.5 and result in Band E4 HSC Mathematics Extension 2. 2; by invitation N MATH1011, MATH1010, MATH1901</td>
<td>Note: Department permission required for enrolment</td>
<td>Semester 1</td>
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<tr>
<td>MATH1907 Mathematics (Special Studies Program) B</td>
<td>3</td>
<td>P Distinction in MATH1906; by invitation N MATH1003, MATH1013, MATH1903</td>
<td>Note: Department permission required for enrolment</td>
<td>Semester 2</td>
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<tr>
<td>MATH2061 Linear Mathematics and Vector Calculus</td>
<td>6</td>
<td>P MATH(1011 or 1001 or 1901 or 1906) and MATH(1014 or 1002 or 1902) and MATH(1003 or 1903 or 1907)</td>
<td>N MATH2001, MATH2901, MATH2002, MATH2902, MATH2961, MATH2067</td>
<td>Semester 1</td>
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<tr>
<td>MATH2063 Math Computing and Nonlinear Systems</td>
<td>6</td>
<td>P MATH(1011 or 1001 or 1901 or 1906) and MATH(1014 or 1002 or 1902) and MATH(1003 or 1903 or 1907)</td>
<td>N MATH2003, MATH2903, MATH2002, MATH2906, MATH2963</td>
<td>Semester 1</td>
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<tr>
<td>MATH2065 Partial Differential Equations (Intro)</td>
<td>6</td>
<td>P MATH(1011 or 1001 or 1901 or 1906) and MATH(1014 or 1002 or 1902) and MATH(1003 or 1903 or 1907)</td>
<td>N MATH2005, MATH2905, MATH2965, MATH2067</td>
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<tr>
<td>MATH2068 Number Theory and Cryptography</td>
<td>6</td>
<td>A MATH (1014 or 1002 or 1902) and 6 credit points of Junior level Mathematics</td>
<td>N MATH2924, MATH3009, MATH2988</td>
<td>Semester 2</td>
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<tr>
<td>MATH2069 Discrete Mathematics and Graph Theory</td>
<td>6</td>
<td>P 6 credit points of Junior level Mathematics</td>
<td>N MATH2011, MATH2009, MATH2969</td>
<td>Semester 1</td>
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<tr>
<td>MATH2070 Optimisation and Financial Mathematics</td>
<td>6</td>
<td>A MATH (1003 or 1903 or 1907)</td>
<td>MATH(1011 or 1001 or 1901 or 1906) and MATH(1014 or 1002 or 1902)</td>
<td>N MATH2010, MATH2901, MATH2902, MATH2961, MATH2067</td>
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<tr>
<td>MATH2961 Linear Mathematics &amp; Vector Calculus Adv</td>
<td>6</td>
<td>P MATH(1901 or 1006 or Credit in 1001) and MATH(1902 or Credit in 1002) and MATH (1903 or 1907 or Credit in 1003)</td>
<td>N MATH2002, MATH2902, MATH2902, MATH2902, MATH2967</td>
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<tr>
<td>MATH2962 Real and Complex Analysis (Advanced)</td>
<td>6</td>
<td>P MATH (1901 or 1906 or Credit in 1001) and MATH (1902 or Credit in 1002) and MATH (1903 or 1907 or Credit in 1003)</td>
<td>N MATH2007, MATH2907</td>
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<tr>
<td>MATH2963 Math Computing &amp; Nonlinear Systems (Adv)</td>
<td>6</td>
<td>P MATH (1901 or 1906 or Credit in 1001) and MATH (1902 or Credit in 1002) and MATH (1903 or 1907 or Credit in 1003)</td>
<td>N MATH2003, MATH2903, MATH2006, MATH2906, MATH2963</td>
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<tr>
<td>MATH2965 Partial Differential Equations Intro Adv</td>
<td>6</td>
<td>P MATH (2961 or Credit in 2061) or (MATH (2901 or Credit in 2001) and MATH (2902 or Credit in 2002)</td>
<td>N MATH2005, MATH2905, MATH2965, MATH2067</td>
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<tr>
<td>MATH2968 Algebra (Advanced)</td>
<td>6</td>
<td>P 9 credit points of Junior Mathematics (advanced level or Credit at normal level) including (MATH1902 or Credit in MATH1002)</td>
<td>N MATH2908, MATH2918, MATH2006</td>
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<tr>
<td>MATH2969 Discrete Mathematics &amp; Graph Theory Adv</td>
<td>6</td>
<td>P 9 credit points of Junior Mathematics (advanced level or Credit at the normal level) including</td>
<td>N MATH2011, MATH2009, MATH2969</td>
<td>Semester 1</td>
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<tr>
<td>MATH2970 Optimisation &amp; Financial Mathematics Adv</td>
<td>6</td>
<td>A MATH (1903 or 1907) or Credit in MATH1003</td>
<td>MATH (1901 or 1906 or Credit in 1001) and MATH (1902 or Credit in 1002)</td>
<td>semster 2</td>
<td>Semester 2</td>
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<tr>
<td>MATH2988 Number Theory and Cryptography Advanced</td>
<td>6</td>
<td>P MATH (1901 or Credit in 1001), MATH (1902 or Credit in 1002), MATH (1903 or Credit in 1003), MATH (1904 or Credit in 1004), MATH (1905 or Credit in 1005)</td>
<td>MATH1906, MATH1907, MATH2961 or Credit in MATH2061, MATH2962 or Credit in MATH2969</td>
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<tr>
<td>MATH3016 Working Seminar A (SSP)</td>
<td>3</td>
<td>P By invitation. High Distinction average over 12 credit points of Advanced Junior Mathematics</td>
<td>Note: Department permission required for enrolment</td>
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<tr>
<td>MATH3017 Working Seminar B (SSP)</td>
<td>3</td>
<td>P By invitation. High Distinction average over 12 credit points of Advanced Junior Mathematics</td>
<td>Note: Department permission required for enrolment</td>
<td>Semester 2</td>
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<tr>
<td>MATH3061 Geometry and Topology</td>
<td>6</td>
<td>P 12 credit points of Intermediate Mathematics</td>
<td>N MATH3901, MATH3906</td>
<td>Semester 2</td>
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<tr>
<td>MATH3062 Algebra and Number Theory</td>
<td>6</td>
<td>P 12 credit points of Intermediate Mathematics</td>
<td>N MATH3962, MATH3902, MATH3902, MATH3902</td>
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<tr>
<td>MATH3063 Differential Equations and Biomaths</td>
<td>6</td>
<td>P 12 credit points of Intermediate Mathematics</td>
<td>N MATH3020, MATH3920, MATH3003, MATH3923, MATH3963</td>
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<tr>
<td>MATH3065 Logic and Foundations</td>
<td>6</td>
<td>P 6 credit points of Intermediate Mathematics</td>
<td>N MATH3005</td>
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## Arts units of study

<table>
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<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
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<tbody>
<tr>
<td>MATH3068 Analysis</td>
<td>6</td>
<td>P 12 credit points of Intermediate Mathematics</td>
<td>N MATH3008, MATH2007, MATH2962</td>
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<td>Semester 2</td>
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<tr>
<td>MATH3075 Financial Mathematics</td>
<td>6</td>
<td>P 12 credit points of Intermediate Mathematics</td>
<td>N MATH3975, MATH3015, MATH3933</td>
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<td>Semester 2</td>
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<tr>
<td>MATH3076 Mathematical Computing</td>
<td>6</td>
<td>P 12 credit points of Intermediate Mathematics and one of MATH(1001 or 1003 or 1903 or 1906 or 1907)</td>
<td>N MATH3976, MATH3016, MATH3916</td>
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<td>Semester 1</td>
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<tr>
<td>MATH3078 PDEs and Waves</td>
<td>6</td>
<td>A MATH(2061/2961) and MATH(2065/2965)</td>
<td>P 12 credit points of Intermediate Mathematics</td>
<td>N MATH3976, MATH3018, MATH3921</td>
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<td>Semester 2</td>
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<tr>
<td>MATH3961 Metric Spaces (Advanced)</td>
<td>6</td>
<td>A MATH2961 or MATH2962</td>
<td>P 12 credit points of Intermediate Mathematics units</td>
<td>N MATH3901, MATH3001</td>
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<td>Semester 1</td>
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<tr>
<td>MATH3962 Rings, Fields and Galois Theory (Adv)</td>
<td>6</td>
<td>A MATH2961</td>
<td>P 12 credit points of Intermediate Mathematics</td>
<td>N MATH3062, MATH3902, MATH3002</td>
<td>Students are advised to take MATH2968 before attempting this unit.</td>
<td>Semester 1</td>
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<td>MATH3963 Differential Equations &amp; Biomas (Adv)</td>
<td>6</td>
<td>A MATH2961</td>
<td>P 12 credit points of Intermediate Mathematics</td>
<td>N MATH3920, MATH3903, MATH3063</td>
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<tr>
<td>MATH3964 Complex Analysis with Applications (Adv)</td>
<td>6</td>
<td>A MATH2962</td>
<td>P 12 credit points of Intermediate Mathematics</td>
<td>N MATH3904, MATH3915</td>
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<td>Semester 2</td>
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<tr>
<td>MATH3966 Modules and Group Representations (Adv)</td>
<td>6</td>
<td>A MATH3962</td>
<td>P 12 credit points of Intermediate Mathematics</td>
<td>N MATH3906, MATH3907</td>
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<td>Semester 2</td>
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<tr>
<td>MATH3968 Differential Geometry (Advanced)</td>
<td>6</td>
<td>A At least 6 credit points of Advanced Mathematics units of study at Intermediate or Senior level.</td>
<td>P 12 credit points of Intermediate Mathematics, including MATH2961</td>
<td>N MATH3903</td>
<td>This unit of study is offered only in odd numbered years.</td>
<td>Semester 2</td>
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<tr>
<td>MATH3969 Measure Theory &amp; Fourier Analysis (Adv)</td>
<td>6</td>
<td>A At least 6 credit points of Advanced Mathematics units of study at Intermediate or Senior level.</td>
<td>P 12 credit points Intermediate Mathematics</td>
<td>N MATH3909</td>
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<td>Semester 2</td>
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<tr>
<td>MATH3974 Fluid Dynamics (Advanced)</td>
<td>6</td>
<td>A MATH2961, MATH2965</td>
<td>P 12 credit points of Intermediate Mathematics with average grade of at least Credit</td>
<td>N MATH3914</td>
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<td>Semester 1</td>
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<tr>
<td>MATH3975 Financial Mathematics (Advanced)</td>
<td>6</td>
<td>P 12 credit points of Intermediate Mathematics with at least Credit average</td>
<td>N MATH3933, MATH3015, MATH3075</td>
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<td>Semester 2</td>
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<tr>
<td>MATH3976 Mathematical Computing (Advanced)</td>
<td>6</td>
<td>P 12 credit points of Intermediate Mathematics and one of MATH(1903 or 1907) or Credit in MATH1003</td>
<td>N MATH3076, MATH3016, MATH3916</td>
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<td>Semester 1</td>
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<tr>
<td>MATH3977 Lagrangian &amp; Hamiltonian Dynamics (Adv)</td>
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<td>P 12 credit points of Intermediate Mathematics with at least Credit average</td>
<td>N MATH2904, MATH2004, MATH3917</td>
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<td>Semester 2</td>
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<tr>
<td>MATH3978 PDEs and Waves (Advanced)</td>
<td>6</td>
<td>A MATH(2061/2961) and MATH(2065/2965)</td>
<td>P 12 credit points of Intermediate Mathematics with at least Credit average</td>
<td>N MATH3078, MATH3018, MATH3921</td>
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<tr>
<td>MATH4301 Pure Mathematics Honours A</td>
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<td>Note: Department permission required for enrolment</td>
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<td>Semester 1</td>
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<td>MATH4302 Pure Mathematics Honours B</td>
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<tr>
<td>MATH4303 Pure Mathematics Honours C</td>
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<td>C MATH4302</td>
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<tr>
<td>MATH4304 Pure Mathematics Honours D</td>
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<tr>
<td>MATH4401 Applied Mathematics Honours A</td>
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<tr>
<td>MATH4402 Applied Mathematics Honours B</td>
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<td>C MATH4401</td>
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<td>MATH4403 Applied Mathematics Honours C</td>
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<tr>
<td>MATH4404 Applied Mathematics Honours D</td>
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### Medicine

(For BA(Adv)/(Hons)/MBBS students only.)

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<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
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<td>SMTP3007</td>
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<td>SMTP Elective I</td>
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<td>Unit of study</td>
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<td><strong>Microbiology</strong></td>
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<td>MICR2021</td>
<td>6</td>
<td>P 6cp of Junior Biology and (6cp of MBLG (1001 or 1901) or MBLG2901 or PLNT2901 or PLNT2902) and (6cp of Junior Chemistry)</td>
<td>N MICR2921, MICR2924, MICR2901, MICR2903, MICR2907, MICR2901, MICR2909</td>
<td>Students are very strongly recommended to complete MICR (2021 or 2024 or 2029) before enrolling in MICR2022 in Semester 2. For progression on to Senior Microbiology units, students must also complete MBLG (1001 or 1901) or PLNT (2001 or 2901).</td>
<td>Semester 1</td>
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<tr>
<td><strong>Microbial Life (Advanced)</strong></td>
<td>6</td>
<td>P 6 credit points of Junior Biology and (6 credit points of MBLG (1901 or 1901) or MBLG2901 or PLNT2901 or PLNT2902) and (6 credit points of Junior Chemistry). Distinction grade required in at least one of Junior Biology or MBLG (1001 or 1901) or PLNT2901 or PLNT2911.</td>
<td>N MICR2921, MICR2924, MICR2901, MICR2903, MICR2907, MICR2901, MICR2909</td>
<td>Students are very strongly advised to complete MICR (2021 or 2024 or 2029) before enrolling in MICR2022 or 2922 in Semester 2. For progression on to Senior Microbiology units, students must also complete MBLG (1001 or 1901) or PLNT (2001 or 2901).</td>
<td>Semester 1</td>
<td></td>
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<tr>
<td><strong>Microbes in Society</strong></td>
<td>6</td>
<td>A MICR (2021 or 2921 or 2024 or 2029)</td>
<td>P 6 of Junior Biology and (6 of MBLG (1001 or 1901) or PLNT2901 or PLNT2911) and 6 of Junior Chemistry</td>
<td>N MICR2922, MICR2902, MICR2909, MICR2904, MICR2908, MICR2912, MICR2909</td>
<td>Semester 2</td>
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<tr>
<td><strong>Microbes in Society (Advanced)</strong></td>
<td>6</td>
<td>P 6 credit points of Junior Biology and (6 credit points of MBLG1001 or MBLG1901 or PLNT2901 or PLNT2902) and (6 credit points of Junior Chemistry). Distinction grade required in at least one of Junior Biology or MBLG (1001 or 1901) or PLNT2911.</td>
<td>N MICR2922, MICR2902, MICR2909, MICR2904, MICR2908, MICR2912, MICR2909</td>
<td>Students are very strongly advised to complete MICR (2021 or 2024 or 2029) before enrolling in MICR2022 in Semester 2. For progression on to Senior Microbiology units, students must also complete MBLG (1001 or 1901) or PLNT (2001 or 2901).</td>
<td>Semester 2</td>
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<tr>
<td><strong>Microbes in the Environment</strong></td>
<td>6</td>
<td>P 12 credit points of first year Biology</td>
<td>N MICR2001, MICR2901, MICR2903, MICR2907, MICR2911, MICR2920, MICR2921, MICR2909</td>
<td>Semester 2</td>
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<tr>
<td><strong>Microbes in Infection</strong></td>
<td>6</td>
<td>P At least 6 credit points of MBLG units and (MICR2022 or MICR2922 or MICR2902 or MICR2920). For BMEdSc students: 42 credit points of Intermediate BMED units including (BME2807 and BMED2808). For BScAg students: (PLNT2001 or PLNT2901) and (MICR2922 or MICR2924).</td>
<td>N MICR2911, MICR39001, MICR39001</td>
<td>Semester 1</td>
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<tr>
<td><strong>Microbes in Infection (Advanced)</strong></td>
<td>6</td>
<td>P At least 6 credit points of MBLG units and Distinction in MICR (2022 or 2922 or 2902) or 2902. For BMEdSc students: 42 credit points of Intermediate BMED units including BMED (2001 or 2901) and MICR (2522 or 2922) including one Distinction.</td>
<td>N MICR2931, MICR39001, MICR39001</td>
<td>Semester 1</td>
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<tr>
<td><strong>Molecular Biology of Pathogens</strong></td>
<td>6</td>
<td>P At least 6 credit points of MBLG units and MICR (2022 or 2922 or 2002 or 2902). For BMEdSc students: 42 credit points of Intermediate BMED units including BMED (2002, 2007 and 2808).</td>
<td>For BScAg students: PLNT (2001 or 2901) and MICR2024.</td>
<td>N MICR3912, MICR39002, MICR39003, MICR39004, MICR39004</td>
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<tr>
<td><strong>Molecular Biology of Pathogens (Adv)</strong></td>
<td>6</td>
<td>P At least 6 credit points of MBLG units and Distinction in MICR (2022 or 2922 or 2902 or 2901). For BMEdSc students: 42 credit points of Intermediate BMED units including BMED (2002, 2007 or 2808) with a Distinction in one of these three. For BScAg students: PLNT (2001 or 2901) and MICR2024 including one Distinction.</td>
<td>N MICR3912, MICR39002, MICR39003, MICR39004, MICR39004</td>
<td>Semester 2</td>
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<tr>
<td><strong>Microbial Biotechnology</strong></td>
<td>6</td>
<td>P At least 6 credit points of MBLG units and 6 credit points of Intermediate MICR units. For BMEdSc students: 42 credit points of Intermediate BMED units including BMED (2802 and 2807).</td>
<td>For BScAg students: PLNT (2001 or 2901) and MICR2024.</td>
<td>N MICR3922, MICR39002, MICR39002</td>
<td>Semester 2</td>
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<tr>
<td><strong>Microbial Biotechnology (Advanced)</strong></td>
<td>6</td>
<td>P At least 6 credit points of MBLG units and Distinction in 6 credit points of Intermediate MICR units.</td>
<td>For BMEdSc students: 42 credit points of Intermediate BMED units including BMED (2802 and 2807) with a Distinction in at least one of these two. For BScAg students: PLNT (2001 or 2901) and MICR2024 including one Distinction.</td>
<td>N MICR3922, MICR39002, MICR39002</td>
<td>Semester 2</td>
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<tr>
<td><strong>Virology</strong></td>
<td>6</td>
<td>A MICR (2021 or 2921 or 2022 or 2922)</td>
<td>P At least 6 credit points of MBLG units and at least 6 credit points in Intermediate MICR or BCHM or BIOL or IMMU or PCOL or PSII or PLNT units. For BMEdSc students: 42 credit points of Intermediate BMED units including BMED2802. For BScAg students: PLNT (2001 or 2901) and MICR2024.</td>
<td>N VIRO3901</td>
<td>Semester 1</td>
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<tr>
<td><strong>Virology (Advanced)</strong></td>
<td>6</td>
<td>A MICR (2021 or 2921 or 2022 or 2922)</td>
<td>P At least 6 credit points of MBLG units and at least 6 credit points in Intermediate MICR or BCHM or BIOL or IMMU or PCOL or PSII units. For BMEdSc students: 42 credit points of Intermediate BMED units including BMED2807. Students are very strongly advised to complete VIRO (3001 or 3901) before enrolling in VIRO3002 Medical and Applied Virology in Session 2.</td>
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<td>A: Intermediate microbiology, immunology, molecular biology and genetics.</td>
<td>P 6 CP MBLG units and at least 6 CP from Intermediate MICR or BCHM or BIOL or IMMU or PCOL or PSII units. For BMEdSc students: 42 credit points of Intermediate BMED units including BMED2807. Students are very strongly recommended to complete VIRO (3001 or 3901) before enrolling in VIRO3002 Medical and Applied Virology in Semester 2.</td>
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**Physics**

| COSC1001 Computational Science in Matlab | 3 | A HSC Mathematics | N COSC1901 | Semester 2 |
| COSC1002 Computational Science in C     | 3 | A HSC Mathematics | N COSC1902 | Semester 2 |
| COSC1901 Computational Science in Matlab (Adv) | 3 | A HSC Mathematics | P UAI (or ATAR equivalent) of at least 90, or COSC1902, or a distinction or better in COSC1002, INFO1003 or INFO1903. | N COSC1001 | Semester 2 |
| COSC1902 Computational Science in C (Adv) | 3 | A HSC Mathematics | P UAI (or ATAR equivalent) of at least 90, or COSC1901, or a distinction or better in COSC1001, INFO1003 or INFO1903. | N COSC1002 | Semester 2 |
| COSC3011 Scientific Computing           | 6 | A Programming experience in MATLAB. | P 12 credit points chosen from Junior Mathematics and Statistics, 12 credit points of Intermediate units in Science subject areas. | N COSC3911, COSC3001, COSC3901, PHYS3301, PHYS3901 | Semester 2 |
| COSC3911 Scientific Computing (Advanced) | 6 | A Programming experience in MATLAB. | P 12 credit points chosen from Junior Mathematics and Statistics, 12 credit points of Intermediate units in Science subject areas with a credit average. | N COSC3011, COSC3001, COSC3901, PHYS3301, PHYS3901 | Semester 2 |
| PHYS1001 Physics 1 (Regular)            | 6 | A HSC Physics | C Recommended concurrent Units of Study: MATH (1001/1901, 1002/1902) | N PHYS1002, PHYS1901, EDUH1017 | Semester 1
| PHYS1002 Physics 1 (Fundamentals)       | 6 | A No assumed knowledge of Physics | C Recommended concurrent Units of Study: MATH (1001/1901, 1002/1902) | N PHYS1001, PHYS1901, EDUH1017 | Semester 1 |
| PHYS1003 Physics 1 (Technological)      | 6 | A HSC Physics or PHYS (1001 or 1002 or 1901) or equivalent. | C Recommended concurrent Units of Study: MATH (1003/1903), MATH (1005/1905). | N PHYS1004, PHYS1902 | Semester 2 |
| PHYS1004 Physics 1 (Environmental & Life Science) | 6 | A HSC Physics or PHYS (1001 or 1002 or 1901) or equivalent. | C Recommended concurrent Units of Study: MATH (1003/1903), MATH (1005/1905). | N PHYS1003, PHYS1902 | Semester 2 |
| PHYS1500 Astronomy                      | 6 | A No assumed knowledge of Physics. | C Recommended concurrent Units of Study: MATH (1001/1901, 1002/1902). | N PHYS1001, PHYS1901, EDUH1017 | Semester 2 |
| PHYS1901 Physics 1A (Advanced)          | 6 | P UAI (or ATAR equivalent) of at least 96, or HSC Physics result in Band 6, or PHYS1902, or a distinction or better in PHYS (1003 or 1004) or an equivalent unit. | C Recommended concurrent Units of Study: MATH (1001/1901, 1002/1902). | N PHYS1001, PHYS1902, EDUH1017 | Semester 2 |
| PHYS1902 Physics 1B (Advanced)          | 6 | P UAI (or ATAR equivalent) of at least 96, or HSC Physics result in Band 6, or PHYS1902, or a distinction or better in PHYS (1001 or 1002) or an equivalent unit. | C Recommended concurrent Units of Study: MATH (1003/1903), MATH (1005/1905). | N PHYS1003, PHYS1904 | Semester 2 |
| PHYS2011 Physics 2A                     | 6 | A MATH (1001/1901 and 1002/1902 and 1003/1903). MATH (1005/1905) would also be useful | P 12 credit points of Junior Physics (excluding PHYS1500). | N PHYS2001, PHYS2901, PHYS2911, PHYS2213, PHYS2203 | Semester 1 |
| PHYS2012 Physics 2B                     | 6 | A MATH (1001/1901 and 1002/1902 and 1003/1903). MATH (1005/1905) would also be useful | P 12 credit points of Junior Physics (excluding PHYS1500). | N PHYS2002, PHYS2902, PHYS2912, PHYS2213, PHYS2203 | Semester 1 |
| PHYS2013 Astrophysics and Relativity    | 6 | A MATH (1001/1901 and 1002/1902 and 1003/1903). MATH (1005/1905) would also be useful | P 12 credit points of Junior Physics (excluding PHYS1500). | N PHYS2001, PHYS2901, PHYS2913, PHYS2211, PHYS2103 | Semester 1 |
| PHYS2911 Physics 2A (Advanced)          | 6 | A MATH (1901/1901 and 1902/1902 and 1903/1903). MATH (1905/1905) would also be useful | P Credit or better in PHYS (1903 or 1904 or 1902) and Credit or better in PHYS (1901 or 1902 or 1901 or 1903 or 1904). | N PHYS2201, PHYS2202, PHYS2203 | Semester 2 |
| PHYS2912 Physics 2B (Advanced)          | 6 | A MATH (1901/1901 and 1902/1902 and 1903/1903). MATH (1905/1905) would also be useful | P Credit or better in PHYS (1903 or 1904 or 1902) and Credit or better in PHYS (1901 or 1902 or 1903 or 1904). | N PHYS2201, PHYS2202, PHYS2203 | Semester 2 |

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## Arts units of study

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### Plant Science

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<td>PLNT2901 Plant Biochemistry and Molecular Biology (Adv)</td>
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<td>PLNT2902 Plant Ecological and Conservation</td>
<td>6</td>
<td>P 6 credit points of a Junior unit of study</td>
<td>N PLNT2902</td>
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<tr>
<td>PLNT2902 Plant Ecological and Conservation (Adv)</td>
<td>6</td>
<td>A The contents of BIOL1002 or 1902 are assumed knowledge. Students wishing to enroll in Intermediate Biology (BIOL) and Plant Science (PLNT) units of study using BIOL1003 or 1903 will need to do some preparatory reading.</td>
<td>P Distinction average in 6 credit points of Junior units of study</td>
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<tr>
<td>PLNT2903 Plant Ecological and Conservation (Adv)</td>
<td>6</td>
<td>P 6 credit points of Intermediate Biology, Plant Science, Molecular Biology and Genetics or equivalent</td>
<td>N PLNT3901</td>
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<tr>
<td>PLNT3901 Plant, Cell and Environment</td>
<td>6</td>
<td>P 12 credit points of Intermediate Biology, Plant Science, Molecular Biology and Genetics or equivalent with average grade of distinction</td>
<td>N PLNT3901</td>
<td>Semester 2</td>
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<tr>
<td>PLNT3902 Plant, Cell and Environment (Advanced)</td>
<td>6</td>
<td>P 12 credit points of Intermediate PLNT, BIOL, AGCH or CROP units of study including at least one of PLNT2901, PLNT2902, PLNT2903, BIOL2016, BIOL2916, BIOL2003, BIOL2903, BIOL2902, BIOL2906, CROP2001, AGCH2002 or equivalent</td>
<td>N PLNT3902, BIOL3021, BIOL3931</td>
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<tr>
<td>PLNT3902 Plant Growth and Development (Advanced)</td>
<td>6</td>
<td>P 12 credit points of Intermediate PLNT, BIOL, AGCH or CROP units of study including at least one of PLNT2901, PLNT2902, PLNT2903, BIOL2016, BIOL2916, BIOL2003, BIOL2903, BIOL2902, BIOL2906, CROP2001, AGCH2002 or equivalent</td>
<td>N PLNT3902, BIOL3021, BIOL3931</td>
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<tr>
<td>PLNT3903 Systematics and Evolution of Plants</td>
<td>6</td>
<td>P 6 credit points of any Intermediate unit of study from BIOL, PLNT, LWSC, HORT, GEOG, ENV, SOIL. These requirements may be varied and students with lower averages should consult the Unit Executive Officer.</td>
<td>N PLNT3903</td>
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<tr>
<td>PLNT3903 Systematics and Evolution of Plants (Adv)</td>
<td>6</td>
<td>P Distinction average in 6 credit points of any Intermediate unit of study from BIOL, PLNT, LWSC, HORT, GEOG, ENV, SOIL. These requirements may be varied and students with lower averages should consult the Unit Executive Officer.</td>
<td>N PLNT3903</td>
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<td>BIOL3009 Terrestrial Field Ecology</td>
<td>6</td>
<td>A BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended.</td>
<td>P 12 credit points of Intermediate Biology or ANSC2004 and BIOM2001.</td>
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<tr>
<td>BIOL3009 Terrestrial Field Ecology (Advanced)</td>
<td>6</td>
<td>A BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended.</td>
<td>P Distinction average in 12 credit points of Intermediate Biology or ANSC2004 and BIOM2001.</td>
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<td>BIOL3017 Fungi in the Environment</td>
<td>6</td>
<td>P 12 credit points of Intermediate Biology or Plant Science, or 6 credit points of Intermediate Biology, or Plant Science, and 6 Intermediate credit points of either Microbiology or Geography.</td>
<td>N BIOL3939</td>
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<td>BIOL3017 Fungi in the Environment (Advanced)</td>
<td>6</td>
<td>P Distinction average in 12 credit points of Intermediate Biology and Plant Science, or 6 credit points of Intermediate Biology, or Plant Science, and 6 Intermediate credit points of either Microbiology or Geography.</td>
<td>N BIOL3939</td>
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<td>PSYC2012 Statistics &amp; Research Methods for Psych</td>
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<td>PSYC3010 Advanced Statistics for Psychology</td>
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<tr>
<td>STAT2012 Statistical Tests</td>
<td>6</td>
<td>P MATH (1005 or 1905 or 1015)</td>
<td>N STAT2004, STAT2912</td>
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<tr>
<td>STAT2911 Probability and Statistical Models (Adv)</td>
<td>6</td>
<td>P MATH (1903 or 1907 or Credit in 1003) and MATH (1905 or 1904 or Credit in 1005)</td>
<td>N STAT2001, STAT2011, STAT2901</td>
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<td>STAT2912 Statistical Tests (Advanced)</td>
<td>6</td>
<td>A STAT (2911 or 2901)</td>
<td>P MATH1905 or Credit in MATH1005</td>
<td>N STAT2004, STAT2012</td>
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<tr>
<td>STAT3011 Stochastic Processes and Time Series</td>
<td>6</td>
<td>P STAT (2011 or 2911 or 2901) and MATH (1003 or 1903 or 1907).</td>
<td>N STAT3911, STAT3003, STAT3903, STAT3005, STAT3905</td>
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<td>STAT3012 Applied Linear Models</td>
<td>6</td>
<td>P STAT(2012 or 2912 or 2004) and MATH(1002 or 1014 or 1902).</td>
<td>N STAT3912, STAT3002, STAT3902, STAT3004, STAT3904</td>
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<td>STAT3013 Statistical Inference</td>
<td>6</td>
<td>P STAT(2012 or 2912 or 2003 or 2903) and STAT (2011 or 2911)</td>
<td>N STAT3913, STAT3001, STAT3901</td>
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<td>STAT3014 Applied Statistics</td>
<td>6</td>
<td>A STAT(3012 or 3912).</td>
<td>P STAT(2012 or 2912 or 2004).</td>
<td>N STAT3914, STAT3002, STAT3902, STAT3006</td>
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<tr>
<td>STAT3911 Stochastic Processes and Time Series Adv</td>
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<td>P [STAT2911 or credit in STAT2011] and MATH(1003 or 1903 or 1907).</td>
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<td>N STAT3012, STAT3002, STAT3902, STAT3004, STAT3904</td>
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This chapter provides information on each of the undergraduate units of study offered by the Faculty of Science, as well as additional information on each of the teaching Schools and Departments and interdisciplinary subject areas.

Organisation of unit of study information

The units of study are generally organised alphabetically by School or Departments. EMHU and HSTO units can be found under the entry for Anatomy and Histology. NEUR can be found in the Anatomy or Physiology entries, depending on the principle teaching department for the individual unit. COMP INFO, ISYS, NETS, MULT AND SOFT can be found under the Information Technologies entry. Further information on Information Technology units can be found in the Faculty of Engineering and Information Technologies Handbook and website. NTMP can be found under the Marine Science entry. STAT can be found under the Mathematics and Statistics entry. VIRO can be found under the Microbiology entry.

Aerospace, Mechanical and Mechatronic Engineering

The School of Aerospace, Mechanical and Mechatronic Engineering is part of the Faculty of Engineering and Information Technologies. In addition to providing professional training in aerospace, mechanical, biomedical and mechatronic engineering, units of study in the School are available to students in the Faculty of Science who meet any prerequisite requirements for a particular unit.

Agricultural Chemistry and Soil Science

Study in the discipline of Agricultural Chemistry is offered by the Faculty of Agriculture, Food and Natural Resources. Units of study in Agricultural Chemistry for Science students cover aspects of chemistry and biochemistry which are relevant in basic and applied biological sciences including agriculture, the environment and food science. The unit of study Agricultural Chemistry (AGCH2004) introduces students to basic analytical and environmental chemistry. Senior units of study include Chemistry and Biochemistry of Foods A and B (AGCH3025 and AGCH3026) and Land and Water Ecochemistry (AGCH3032). These senior units of study introduce students to the applied aspects of food chemistry science or to applied environmental chemistry. Emphasis is placed on the chemistry of both naturally occurring molecules of biological, agricultural and environmental significance (eg in foods and natural fibres), and chemically synthesised (eg insecticides and herbicides). Agricultural Chemistry Honours is available to students who wish to further their studies in food chemistry or environmental chemistry.

AGCH2004

Agricultural Chemistry

Credit points: 6

Teacher/Coordinator: Dr Robert Caldwell, Professor David Fraser, Professor Ivan Kennedy

Session: Semester 1

Classes: 3x1-hr lectures/week, 1x3-hr laboratory session, weeks 1 to 12

Prerequisites: 12 credit points of Junior Chemistry

Prohibitions: AGCH2003, PLNT2001

Assessment:

1x2-hr exam (50%), 1x1-hr quiz (10%), 1x1-hr theory of practical test (10%), laboratory reports (30%)

This introductory unit of study consists of aspects of chemistry relevant in studies of basic and applied biological sciences including agriculture, food and the rural environment. Lecture topics include an introduction to quantitative aspects of bio-analytical chemistry; the principles of basic analytical methods such as spectroscopy, chromatography and electrochemistry; environmental aspects of water and its behaviour as a solvent of hydrophobic solutes, surfactants, neutral hydrophilic solutes, salts and other electrolytes, and gases. A component of the unit will be devoted to basic biological chemistry and enzymology having particular emphasis on biochemical processes in animals. Six laboratory sessions will demonstrate aspects of analytical chemistry including: elemental analysis of foods and natural waters, spectrophotometry, chromatographic techniques, preparation of buffers, fundamentals of pH measurement. A further five laboratory sessions will involve experiments in the preparation and/or properties of carbohydrates, proteins, lipids and DNA. One session will examine some fundamental properties of enzymes.

AGCH3025

Chemistry and Biochemistry of Foods

Credit points: 6

Teacher/Coordinator: Dr Meredith Wilkes, Prof Les Copeland

Session: Semester 1

Classes: 3x1-hr lectures/week, 1x4-hr practical fortnightly

Prerequisites: AGCH2004 or PLNT2001 or PLNT2901 or BCHM2071 or BCHM2072 or 6 credit points of Intermediate units in Chemistry

Assessment:

1x2hr exam (50%) and lab reports (30%)

This unit of study aims to give students an understanding of the properties of food constituents, and the interactions between these constituents during food processing, storage and digestion. The unit will develop an understanding of the relationship between form and functionality of constituents and the concept of fitness-for-purpose (ie, quality) in converting agricultural products into foods. Students will gain an appreciation of the relationship between chemical composition and properties of macroconstituents (carbohydrates, proteins, lipids) and microconstituents (vitamins, minerals, flavour and anti-nutritional chemicals) and their functions in plant and animal based foods. The material presented in lectures and practical classes will enable students to develop research and inquiry skills and an analytical approach in understanding the biochemistry of foods, food processing and storage. On completing this unit, students will be able to describe the chemical and biochemical properties of major food constituents, and demonstrate an understanding of the functionality of these constituents in food processing and nutrition. Students will have gained experience in laboratory techniques used in industry for the analysis of some food products, and information literacy and communication skills from the preparation of practical reports.

Textbooks

Laboratory notes will be available for purchase from the Copy Centre in the first week of semester and lecture notes and readings will be made available through WebCT. There is no recommended textbook.

AGCH3026

Food Biotechnology

Credit points: 6

Teacher/Coordinator: Dr Meredith Wilkes, Prof Les Copeland

Session: Semester 1

Classes: 3x1-hr lectures/week, 1x4-hr practical fortnightly

Prerequisites: AGCH2004 or PLNT2001 or PLNT2901 or BCHM2071 or BCHM2072 or 6 credit points of Intermediate units in Chemistry

Corequisites: AGCH3025

Assessment:

1x2hr exam (50%) and lab reports (30%) and 1xoral presentation (20%)

This unit aims to give students an understanding of the chemistry, biochemistry and biotechnology of analytical and diagnostic methods and manufacturing processes used in the conversion of raw products into foods. Knowledge of food constituents gained in AGCH3025 will be applied to develop an understanding of: the use of enzymes in food processing and diagnostic technologies; processing of cereal, legume and oilseed grains, and livestock products, into foods; doughs and baking technologies; the evaluation of foods and food quality. Emphasis is placed on current issues faced by the food industry (including GM technology, organic production, and food safety) through a series of special guest lectures from people connected with the food industry. On completing this unit, students will have gained an
enhanced understanding of food production and manufacturing systems, the processing of raw ingredients into food products, and food analysis and evaluation. Students will have gained experience in laboratory techniques used in industry for the analysis of some food products, and information literacy and communication skills from the preparation of a case study and practical reports.

Textbooks

Laboratory notes will be available for purchase from the Copy Centre in the first week of semester and lecture notes and readings will be made available through WebCT. There is no recommended textbook.

AGC3032

Land and Water Ecochemistry

Credit points: 6 Teacher/Coordinator: Professor Ivan Kennedy, Dr Robert Caldwell Session: Semester 2 Classes: 5-day field trip in AVCC common break; 20 hr lectures/tutorials, 25 hr laboratory classes and project during semester Prerequisites: AGCH2003 or AGCH2004 or PLNT2001 or CHEM24XX or BCHM2XXX or ENV2001 Prohibitions: AGCH3030, AGCH3031 Assessment: 1x 2 hr exam (60%), laboratory prac reports (25%) and 1x field trip report and presentation (15%)

Note: Department permission required for enrolment.

This field-oriented unit will develop professional expertise in rural ecochemistry, measuring impacts on sustainability and seeking solutions to chemical problems at the catchment scale. AGCH3032 is an elective unit suitable for the BSc, BScAgr, BLWSc, BhortSc, BRResEc and BAnVetBioSc degrees, building on intermediate units in chemistry or biochemistry. It will promote knowledge and professional skills related to key chemical processes in ecosystems causing risks to soil and water resources, the quality of agricultural produce and to ecological biodiversity. These will be examined by quantitative risk analysis, targeted monitoring and remediation, seeking innovative solutions (e.g. IPM and genetic modification).

A field trip in the AVCC break and professional report on a chosen topic will investigate relevant case studies at selected centres in eastern Australia doing innovative research on global warming and climate change, soil and water quality and environmental protection. Lectures will provide knowledge in the environmental C, N and S cycles important for sustaining action in ecosystems, the nature of greenhouse gases and mitigation of their production including C sequestration, risks to biota (soil, water, plants, animals) from acidification and innovative means of remediation, environmental risk from pesticides and other pollutants, monitoring and their remediation. In laboratory exercises, students will gain skills in relevant analyses using GC, LC, mass spectrometry and ELISA. The assessment procedures are designed to provide students with skills in definition of research problems and risk assessment, quality in analyses, risk management and remediation, and effective communication of outputs.

Soil Science

The Soil Science units of study aim primarily at giving students an introduction to the three major branches of soil science, namely soil physics, soil chemistry, and pedology, and at providing the basis for a professional career in each of these divisions for students wishing to specialise. The introductory unit of study is particularly relevant for students interested in the environmental and geological sciences and in land-use management. For a major in Soil Science, the minimum requirement is completion of SOIL3008, 3009 and 3010 and one of AGCH3032 or LWSC3007 or PPT4005.

SOIL2003

Soil Properties and Processes

Credit points: 6 Teacher/Coordinator: A/Prof Balwant Singh (Coordinator), Prof Alex McBratney, Dr Stephen Cattle Session: Semester 1 Classes: 3x1hr lectures and 1x3hr practical/week, commencing week 1, and a compulsory field excursion to be held on the Thursday and Friday in the week preceding the first semester. Assessment: Soil description report (10%), Quizzes (or Essay) (15%), Practical exercise book (20%), Practical exam (15%) and Written exam (40%).

This unit of study is designed to introduce students to the fundamental concepts within pedology, soil physics and soil chemistry. These concepts are part of the grounding principles that underpin crop and animal production, nutrient and water cycling, and environmental sustainability taught by other units of study in the Faculty. Students will participate in a two-day field excursion in the first week of semester to examine some common soils of the Sydney Basin, they will also learn to describe soil, and measure soil chemical and physical properties in the field. Referring to common soil profiles of the Sydney Basin, students will concentrate on factors affecting soil formation, the rudiments of soil description, and analysis of soil properties that are used in soil classification. Students will also develop knowledge of the physics of water and gas movement, soil strength, soil chemical properties, inorganic and organic components, nutrient cycles and soil acidity in an agricultural context. At the end of this unit students will become familiar with the factors that determine a soil’s composition and behaviour, and will have an understanding of the importance of soil physical and chemical properties. Students will develop communication skills through essay, report and practical exercises. The final report and laboratory exercise questions are designed to develop team work and collaborative efforts.

Textbooks


SOIL2004

The Soil Resource

Credit points: 6 Teacher/Coordinator: Dr Stephen Cattle (Coordinator), Prof Alex McBratney, A/Prof Balwant Singh Session: Semester 2 Classes: 2x1hr lec, 1x2hr prac/week, 24 hr (5 days) field work out of semester time Assessment: Fieldtrip participation (5%), soil survey mapping report (30%), laboratory report and poster presentation (25%), three group tutorials (20%), viva voce exam (20%)

This unit will familiarize students with the description and mapping of soil types in the Australian landscape, with common analytical methods for soil and with the various forms of degradation that may alter the quality and function of soil. It is an applied soil science unit which builds on the fundamental soil science concepts learned in the SOIL2003 unit. The first practical component of the unit, a five-day soil survey, will give students experience in soil description and classification in the field, and soil samples collected during this survey will be subsequently analysed for a variety of attributes by the students in laboratory practicals. In the lecture series, topics including soil type distribution, soil quality, soil function, soil fertility and soil degradation will be discussed and linked to practical sessions. By the end of this unit, students will be able to construct maps of soil properties and soil type distribution, describe primary soil functions, soil attributes and types of soil degradation in an agricultural context, and be able to recognize and communicate the ability of a soil profile to sustain plant growth. Students will gain research and inquiry skills by collecting, analyzing and interpreting soil survey data, and will gain communication skills by having to prepare and present a poster.

Textbooks


LWCS2002

Introductory Hydrology

Credit points: 6 Teacher/Coordinator: Dr Willem Vervoort Session: Semester 2 Classes: Lec 2hr/wk; practical: 3hr/wk (for 8 weeks); field work: 25hr/wk (for 1 wk only) Assumed knowledge: AFNR1001, AFNR1002, ENSY1001 and (BIOM1003 or ENVX1001) Assessment: One 2 hr exam (50%), laboratory and practical reports (20%), field trip report (30%), Practical field work: 1 week field trip

This unit introduces students to hydrology and water management in the context of Australian integrated catchment management. It particularly focuses on the water balances, rainfall runoff modelling, 258
analysis and prediction of streamflow and environmental flows, water quality and sustainable practices in water management. Through theoretical work and case studies, the students will engage with problems related to water quantity and quality in Australia and the world. The unit builds on knowledge gained in AFN1001, AFNR1002, and SOIL2001 and establishes the foundation for later units in the hydrology and water area. The unit provides one of the essential building blocks for a career related to water management and hydrology. The unit consists of two parts; the first part will involve a series of lectures, tutorials, practical exercises and case studies. The second part of the unit consists of field excursions to parts of NSW. During the field excursions, students will engage with current water problems and engage in basic hydrometric and water quality data collection. The data will be used later to analyse catchment condition and water supply issues.

After completion of this unit, you should be able to:

- Explain the different processes in the hydrological cycle
- Measure and interpret hydrometric and basic water quality data
- Elucidate the processes involved in generation of streamflow from rainfall.
- Distinguish the link between water quantity and water quality and its implications for water management.
- Demonstrate a deeper understanding of the unique nature of Australian Hydrology
- Master the ability to critically debate problems facing sustainable water resource management policy and practice in Australia using course material, scientific literature, policy and popular media

Textbooks


SOIL3009

Contemporary Field and Lab Soil Science

Credit points: 6
Teacher/Coordinator: Prof Alex McIntyre (coordinator), A/Prof Balwant Singh, Dr Stephen Cattle, Dr Budiman Minasny
Session: Semester 1
Classes: 2 (lec. 2 prac)/wk, 6-day field excursion
Prerequisites: SOIL2003
Assessment: 1 x viva voce exam (40%), pedology written assessments (15%), soil physics written assessments (15%), soil chemistry written assessments (15%), 1 x group presentation (5%), 1 x synthesis paper (10%)

This is a theoretical and empirical unit providing specialised training in three important areas of contemporary soil science, namely pedology, soil chemistry and soil physics. The key concepts of these sub-disciplines will be outlined and strengthened by hands-on training in essential field and laboratory techniques. All of this is synthesized by placing it in the context of soil distribution and use in North-Western New South Wales. The unit is motivated by the teaching team’s research in this locale. It builds on students existing soil science knowledge gained in SOIL2003. After completion of the unit, students should be able to articulate the advantages and disadvantages of current field & laboratory techniques for gathering necessary soil information, and simultaneously recognize key concepts and principles that guide contemporary thought in soil science. Students will be able to synthesise soil information from a multiplicity of sources and have an appreciation of the cutting edge areas of soil research. By investigating the contemporary nature of key concepts, students will develop their skills in research and inquiry. Students will develop their communication skills through report writing and oral presentations and will also articulate an openness to new ways of thinking which augments intellectual autonomy. Teamwork and collaborative efforts are encouraged in this unit.

Textbooks

D.L. Sparks 2003 Environmental Soil Chemistry (2nd edn). Academic Press, San Diego, CA, USA

SOIL3010

The Soil at Work

Credit points: 6
Teacher/Coordinator: Prof Alex McIntyre (coordinator), A/Prof Balwant Singh, Dr Stephen Cattle (facilitators) plus research-only academics
Session: Semester 2
Classes: Problem-based unit; each student completes 2 problems; 4 x 3 hr workshops per problem (each student attends 8 workshops in total)
Prerequisites: SOIL2003 or SOIL2004
Assessment: For each of two scenarios: Statement of the problem report (2.12.5%) - shared info, but two team reports; How to tackle problem seminar (2x12.5%) - team seminars, before fieldwork, analyses done; Results seminar (2x12.5%) - team seminars; Final report (2x12.5%) - individual work.

This is a problem-based applied soil science unit. It is designed to allow students to identify soil-related problems in the real-world and by working in a group and with an end-user to suggest short and long-term solutions to such problems. This is a core unit for students majoring or specializing in soil science and an elective unit for those wishing to gain an understanding of environmental problem-solving. It utilises and reinforces soil-science knowledge gained in SOIL2003 and/or SOIL2004 and problem-solving skills gained during the degree program. This unit will address real-world scenarios which involve soil-related problems such as carbon management, structural decline, acidification, salinisation and contamination. Students will gain some understanding of the concept of sustainability, and will be able to identify the causes of problems by reference to the literature, discussion with landusers and by the design and execution of key experiments and surveys. They will gain a focused knowledge of the key soil drivers to environmental problems and will have some understanding on the constraints surrounding potential solutions. By designing and administering strategies to tackle real-world soil issues, students will develop their research and inquiry skills and enhance their intellectual autonomy. By producing reports and seminars that enables understanding by an end-user students will improve the breadth of their communication skills.

Textbooks


AGCH3032

Land and Water Ecochemistry

Credit points: 6
Teacher/Coordinator: Professor Ivan Kennedy, Dr Robert Caldwell
Session: Semester 2
Classes: 5-day field trip in AVCC common break; 20 hr lectures/tutorials, 25 hr laboratory classes and project during semester
Prerequisites: AGCH2003 or AGCH2004 or PLNT2001 or CHEM24XX or BCHM2XX or ENV2001
Prohibitions: AGCH3030, AGCH3031
Assessment: 1 x 2 hr exam (60%), laboratory prac reports (25%) and 1 x field trip report and presentation (15%)
Note: Department permission required for enrolment.

This field-oriented unit will develop professional expertise in rural ecochemistry, measuring impacts on sustainability and seeking solutions to chemical problems at the catchment scale. AGCH3032 is an elective unit suitable for the BSc, BScAgr, BLWSc, B HortSc, BResEc and BAnVetBioSc degrees, building on intermediate units in chemistry or biochemistry. It will promote knowledge and professional skills related to key chemical processes in ecosystems causing risks to soil and water resources, the quality of agricultural produce and to ecological biodiversity. These will be examined by quantitative risk analysis, targeted monitoring and remediation, seeking innovative solutions (e.g. IPM and genetic modification).

A field trip in the AVCC break and professional report on a chosen topic will investigate relevant case studies at selected centres in eastern Australian doing innovative research on global warming and climate change, soil and water quality and environmental protection. Lectures will provide knowledge in the environmental C, N and S cycles important for sustaining action in ecosystems, the nature of greenhouse gases and mitigation of their production including C sequestration, risks to biota (soil, water, plants, animals) from acidification and innovative means of remediation, environmental risk from pesticides and other pollutants, monitoring and their remediation. In laboratory exercises, students will gain skills in relevant analyses using GC, LC, mass spectrometry and ELISA. The assessment
procedures are designed to provide students with skills in definition of research problems and risk assessment, quality in analyses, risk management and remediation, and effective communication of outputs.

LWSC3C07
Advanced Hydrology and Modelling
Credit points: 6 Teacher/Coordinator: Dr. Willem Vervoort Session: Semester 1 Classes: 2 hr lectures/week, 1 hr on-line and 2 hr practical/week Prerequisites: MICR2024 Assessment: Practical reports (50%), take-home exam (50%)

This unit of study is designed to allow students to examine advanced hydrological modeling and sampling designs focusing on catchment level responses and uncertainty.

This unit builds on the theoretical knowledge gained in MICR2024 and possibly GEOG2321. Students will learn how to develop their own simulation model of catchment hydrological processes in R and review the possibilities and impossibilities of using simulation models for catchment management. Students will further investigate optimal sampling techniques for water quality data based on understanding the variability in hydrological responses. At the end of this unit, students will be able to build their own catchment model and calibrate this model, articulate advantages and disadvantages of using simulation models for catchment management, justify the choice of a simulation model for a particular catchment management problem, identify issues in relation to uncertainty in water quality and quantity, develop an optimal water quality sampling scheme. The students will gain research and inquiry skills through research based group projects, information literacy and communication skills through on-line discussion postings, laboratory reports and a presentation and personal and intellectual autonomy through working in groups.

Textbooks
Oven, K.J. Rainfall-Runoff modeling, The Primer, John Wiley and Sons, Chichester, 2001

PPAT4005
Soil Biology
Credit points: 6 Teacher/Coordinator: Prof David Guest Session: Semester 1 Classes: (2 tut, 3 hrs prac)/wk Prerequisites: MICR2024 or 6cp intermediate microbiology Assessment: Tutorial papers (30%), project proposal (10%), project report (50%), peer review (10%).

This unit investigates the diversity of organisms living in the soil, their biology, interactions and ecology, and their roles in maintaining and improving soil function. The unit is an elective for BScAgr, BHortSc and BSc students. It builds on the material introduced in MICR2024, and possibly GEOG2321. Students will learn how to design, conduct and analyse experiments. At the completion of this unit, students will be able to exercise problem-solving skills (developed through practical experiments, projects and tutorial discussions), think critically, and organise knowledge (from consideration of the lecture material and preparation of project reports), and expand from theoretical principles to practical explanations (through observing and reporting on project work). Students will consolidate their teamworking skills, develop self-directed study skills and plan effective work schedules, use statistical analysis in research, keep appropriate records of laboratory research, work safely in a research laboratory and operate a range of scientific equipment. Students will gain research and inquiry skills through group research projects, information literacy and communication skills through assessment tasks and personal and intellectual autonomy through working in groups.

Textbooks

Anatomy and Histology
The Discipline of Anatomy and Histology teaches topographical and neuroanatomy, histology and cell biology, developmental biology and physical anthropology to students in the Faculties of Science, Medicine and Dentistry.

Location
The office is in the Anderson Stuart Building. The Discipline Office is on the first floor, Room S463.

Noticeboards
The noticeboards are situated near Room S463. Students are advised to consult the noticeboard regularly. Timetables for lectures and practical classes will be posted, where possible, in the week before the beginning of each semester.

Vaccinations
All students studying gross anatomy or neurosciences who may also be exposed to human tissues or fluids should contact the University Health Service regarding vaccinations.

Protective clothing
All students studying gross anatomy or neurosciences must wear a laboratory coat or gown in tutorial rooms and a gown in dissection rooms and must wear gloves when handling cadaveric material. Closed footwear must be worn in both tutorial rooms and dissection rooms.

Website
The Department’s website is http://sydney.edu.au/medicine/anatomy/

ANAT2008
Principles of Histology
Credit points: 6 Teacher/Coordinator: Dr Laura Lindsay Session: Semester 1 Classes: Two 1-hour lectures and one 2-hour practical per week, online and museum exercises (6 hours per week total) Prerequisites: 6 credit points of Junior biology or psychology or molecular biology Assumed knowledge: General concepts in human biology Assessment: One 1-hour theory exam, one 1-hour practical exam, four quizzes (100%)

This unit of study covers the principles of cell biology and study of the structure of cells, tissues and organ systems at the light and electron microscopic levels. The focus is on human systems. Extension exercises introduce students to the connection between histology and anatomy. Modern practical applications of histological techniques and analysis for research are also presented.

Textbooks

ANAT2009
Comparative Primate Anatomy
Credit points: 6 Teacher/Coordinator: Dr Denise Donlon Session: Semester 2 Classes: Two 1-hour lectures and one 2-hour practical per week. Prerequisites: 36 credit points, including 12 credit points of Junior Biology (BIOL) or Junior Psychology or Junior Archaeology. Prohibitions: ANAT2002 Assumed knowledge: Knowledge of basic vertebrate biology Assessment: Essay (10%), 2 quizzes (10%), Theory exam (50%), Practical exam (30%)

This unit of study covers the musculo-skeletal anatomy of the human body with particular emphasis on human evolution and comparisons with apes and fossil hominids. The topics covered include the versatility of the human hand, in manipulation and locomotion, bipedalism, climbing and brachiation in apes, and the change in pelvic anatomy associated with bipedalism and obstetric consequences.

Textbooks

ANAT2010
Concepts of Neuroanatomy
Credit points: 6 Teacher/Coordinator: Dr Karen Cullen Session: Semester 2 Classes: Two 1-hour lectures and one 2-hour practical per week. Prerequisites: BIOL (1003 or 1803) and one of: ANAT2008 or BIOL (1002 or 1902) or MBLG(1001 or 1901 or 2071 or 2971) or PSYC (1001 and 1002). Students must have a grade of credit in at least one of the prerequisite units. Prohibitions: ANAT2003 Assumed knowledge: Background in basic cell
biology and basic mammalian biology. Assessment: One 1.5-hour theory exam, one 1 hour practical exam, 2000 word essay, practical reports (100%)

Students are introduced to the structure and organisation of the central and peripheral nervous system. The course begins with an exploration into the make-up of the individual cells, followed by an examination of the different regions of the nervous system. A final theme of the course touches on the organisation of various systems (sensory and motor), together with aspects of higher-order function (memory). In essence, the course covers general concepts of organisation, structure and function of the brain and its different areas. The practicals offer students the unique opportunity to examine specimens in the Anatomy labs and museum. This course will be of considerable interest to students studying science and related disciplines, as well as those wishing to pursue further study in Neuroscience at senior levels.

Textbooks

ANAT3004 Cranial and Cervical Anatomy
Credit points: 6 Teacher/Coordinator: Dr Robin Arnold Session: Semester 2 Classes: One 1-hour lecture and two 2-hour tutorials per week. Prerequisites: ANAT2009 or ANAT2010. For BMedSc students: 42 credit points of BMED intermediate units including BMED(2803 or 2804 or 2805 or 2806). Prohibitions: ANAT3904 Assumed knowledge: General knowledge of biology. Assessment: Theory exam, prac exam, continuous assessment (100%). Note: The completion of 6 credit points of MBLG is highly recommended.

This unit of study covers skull, muscles of facial expression, muscles of jaw and neck, ear, eye, nose, oral cavity and larynx and pharynx as well as peripheral distribution of cranial nerves in the head and neck. The functional components of the cranial nerves and their relationship to the special senses and special motor functions such as facial gesture and speech are also studied. Tutorials are designed to encourage students to develop their own approach to the understanding and organisation of subject material. Communication of key concepts and presentation of subject material in an academic context are encouraged and assessed in a major assignment.

Textbooks

ANAT3004 Cranial & Cervical Anatomy (Advanced)
Credit points: 6 Teacher/Coordinator: Dr Robin Arnold, Dr Laura Lindsay Session: Semester 2 Classes: Two lectures per week, one 1-hour tutorial per week. Prerequisites: Available to BMedSc students: 42 credit points of BMED intermediate units including BMED(2803 or 2804 or 2805 or 2806). Prohibitions: ANAT3904 Assumed knowledge: General knowledge of biology. Assessment: Theory exam, practical spot test, participation in dissection practicals and production of detailed weekly reports of the dissection carried out that week (100%). Practical field work: One 3-hour dissection per week. Note: Department permission required for enrolment. Note: Course is subject to availability of donor material for dissection.

This unit of study is an alternative to ANAT3004 Cranial & Cervical for talented students with a special interest in and need for dissection experience. The lecture/tutorial component of the course is run in conjunction with ANAT3004. Students in the advanced course will study the anatomy of the skull, muscles of face, jaw and neck, eye, ear, nose oral cavity, larynx and pharynx as well as the peripheral distribution of cranial nerves in the neck. Dissection will allow students to find these structures in donated human cadavers for themselves and to study and to understand at least some of the many anomalies and variations which characterise human cranial and cervical anatomy.

Textbooks
An Anatomy atlas such as Rohan, Yokochi, Lutjen-Drecoll: Colour Atlas of Human Anatomy.

ANAT3006 Forensic Osteology
Credit points: 6 Teacher/Coordinator: Dr Denise Donlon Session: Semester 1 Classes: Two 1-hour lectures, one 2-hour tutorial and one 1-hour practical per week. Prerequisites: ANAT2008 and a credit in ANAT2009 or in ANAT2002. Assumed knowledge: An understanding of basic mammalian anatomy. Assessment: Quiz 1 (5%), Quiz 2 (5%), Critique/review of journal article (15%), Case study report (15%), Theory exam (30%) Practical exam (30%) Note: Department permission required for enrolment. Note: The completion of 6 credit points of MBLG is highly recommended.

This unit of study aims to introduce students to the area of forensic osteology, which is the study of human skeletal remains within the legal context. Thus the unit of study aims to help students learn about human morphology and variation through the investigation and identification of human bone. It will also help students gain an insight into the role of forensic scientists in the collection and interpretation of evidence, including the collection of skeletal remains at the scene of a crime, and the role of forensic scientists in the court. Emphasis is placed on the identification and description of various skeletal system of the human body, including the skull, long bones, and the axial skeleton. Students will be encouraged to understand the context and significance of the skeletal remains that they encounter, and to be able to interpret the evidence that they collect.

Textbooks

ANAT3007 Visceral Anatomy
Credit points: 6 Teacher/Coordinator: Dr Robin Arnold Session: Semester 1 Classes: Two 1-hour lectures and two 2-hour practicals per week. Prerequisites: ANAT2009 or ANAT2010. Assumed knowledge: General knowledge of biology. Assessment: Theory exam, prac exam, continuous assessment (100%).

This unit of study aims to provide an understanding of the anatomy of the viscera of the thorax, abdomen and pelvis. Structures covered include the heart and associated great vessels, lungs, mediastinum and the abdominal viscera, the alimentary organs and the genitourinary system. The structure of anterior thoracic and abdominal walls and pelvis along with the nerve supply to the viscera and relevant innervation to endocrine structures is also covered. Emphasis is placed on understanding the relationship of structure to function specifically with respect to the important functions of breathing, digestion, excretion and reproduction. Students will also be encouraged to relate their understanding of the structures studied to current research into these structures in related fields such as molecular biology and physiology.

Textbooks

ANAT3008 Musculoskeletal Anatomy
Credit points: 6 Teacher/Coordinator: Dr Richard Ward Session: Semester 2 Classes: Two 1-hour lectures, one 3-hour practical class per week. Prerequisites: ANAT2009 or ANAT2002 (for students who completed Intermediate study before 2005). For BMedSc students: 42 credit points of BMED intermediate units including BMED(2803 or 2804 or 2805 or 2806). Prohibitions: ANAT3904 Assumed knowledge: A knowledge of the subject of anatomy, including practical class experience, and some knowledge of basic mammalian biology. Assessment: One 30 min prac exam (40%). One 90 min theory exam (60%).

The unit provides an opportunity for students to study the topographical and systems anatomy of the upper limb, lower limb and the back regions. Emphasis is placed upon the identification and description of structures and the correlation of structure with function. This includes the upper limb, its role in manipulation, for the lower limb standing and walking and for the back flexile support and protection. Emphasis is also given to the innervation of the limbs. The unit also aims to develop the general skills of observation, description, drawing, writing and discussion as applying to biological structure.

EMHU3001 Electron Microscopy and Imaging/Theory
Credit points: 6 Teacher/Coordinator: Dr, Suzanne Offerenshaw/ Dr Allan Jones: Session: Semester 2 Classes: Four 1-hour lectures and one 1-hour tutorial per week. Prerequisites: At least 12 cp of Intermediate Science units from any of the following: Anatomy & Histology, Biochemistry, Biology, Chemistry, Mathematics, Microbiology, Molecular Biology & Genetics, Pharmacology, Physics, Physiology or Statistics. For BMedSc students: 42 cp of BMED Intermediate units including (2801, 2802, 2803 & 2806). Assumed knowledge: General concepts in Biology, and in Biochemistry or in Chemistry. Assessment:
HSTO3002

Electron Microscopy and Imaging/Prac

Credit points: 6
Teacher/Coordinator: Dr Suzanne Ollershaw/Dr Alan Jones
Session: Semester 2 Classes: Two 2-hour practicals and one 1-hour tutorial per week
Prerequisites: 12 cp of Intermediate Science units of study including ANAT2008. For BMedSc students: 42 credit points of BMED Intermediate units including BMED (2801, 2802, 2803 & 2806)
Corequisites: EMHU3002
Assumed knowledge: General concepts in Biology, Histology and in Biochemistry or in Chemistry. Assessment: One 2-hour exam, practical report, practical project assignment by powerpoint submission and group presentation (10 mins.) (100%)

The course is run conjointly by the Department of Anatomy & Histology and the Electron Microscope Unit. The course will provide hands-on training in the operation of transmission and scanning electron microscopes, processing biological samples for electron microscopy, ultrathin sectioning, cryo-ultramicrotomy, freeze-fracture, electron diffraction, digital imaging, immunological and other techniques required in modern research and hospital electron microscope laboratories. Students will also learn the operation of laser scanning confocal microscopes, including the use of fluorescent probes to visualise cellular organelles and cellular processes. Students will apply their knowledge to complete a project of their choice on electron microscopy of a biological sample, from fixation of the sample to interpretation of the resulting electron micrographs.

Textbooks

HSTO3001

Microscopy & Histochemistry Theory

Credit points: 6
Teacher/Coordinator: Robin Arnold, Prof Chris Murphy
Session: Semester 1 Classes: Usually four 1-hour lectures per week plus some tutorials
Prerequisites: Credit or better grade in ANAT2008. For BMedSc students: 42 credit points of BMED Intermediate units including Credit in each of BMED2801, BMED2803, BMED2804, BMED2805
Corequisites: HSTO3002
Assessment: One 2-hour theory exam (100%)

The aims of this unit of study are to provide a practical understanding of why biological tissues need to be specifically prepared for microscopic examination, to apply different methods to gain different types of morphological information; to allow students to learn to use the different types & modalities of microscopes; to gain first hand experience of how they function & see for themselves the differing information they provide; to learn to stain biological material for microscopic examination; applying their theoretical knowledge & to allow students to develop practical skills in diverse histochemical staining procedures - dyes, enzymes and antibodies.

Textbooks

HSTO3002

Microscopy & Histochemistry Practical

Credit points: 6
Teacher/Coordinator: Robin Arnold, Prof Chris Murphy
Session: Semester 1
Classes: Usually 5.5-hour practical per week
Prerequisites: Credit grade or better in ANAT2008. For BMedSc students: 42 credit points of BMED Intermediate units including Credit in each of BMED2801, BMED2803, BMED2804, BMED2805
Corequisites: HSTO3001
Assessment: One 1.5-hour practical exam, 1 practical report, essay (100%)

The aims of this unit of study are to provide a practical understanding of why biological tissues need to be specifically prepared for microscopic examination, to apply different methods to gain different types of morphological information; to allow students to learn to use the different types & modalities of microscopes; to gain first hand experience of how they function & see for themselves the differing information they provide; to learn to stain biological material for microscopic examination; applying their theoretical knowledge & to allow students to develop practical skills in diverse histochemical staining procedures - dyes, enzymes and antibodies.

Textbooks

NEUR3002

Neuroscience: Motor Systems & Behaviour

Credit points: 6
Teacher/Coordinator: Dr Vladimir Balcar
Session: Semester 1
Classes: Two 1-hour lectures per week, one 3-hour practical and one 3-hour tutorial per fortnight
Prerequisites: For BMedSc students: BMED2801 and
NEUR3004

Integrative Neuroscience (Advanced)

Credit points: 6

Teacher/Coordinator: 

Prerequisites: For BMEDSCI: 42 credit points of intermediate BMEd units. For others: 18 credit points of Intermediate units of study from Anatomy & Histology, Biochemistry, Biology, Chemistry, Computer Science, Mathematics, Microbiology, Molecular Biology and Genetics, Physiology, Physics, Psychology, Pharmacology, Medical Science. Students must have a CREDIT (or better) in NEUR3001/3901 and NEUR3002/3902. Prohibitions: NEUR3004, PHSI3002, PHSI3902. Assumed knowledge: Students should be familiar with the material in Bear, Connors & Paradiso Neuroscience: Exploring the Brain. Assessment: Mid-semester exam. 1-hour final exam. Major essay/report. Tutorial participation. Mini lecture. (100%) Note: Department permission required for enrolment. Note: Enrolment in NEUR3003/3903 is HIGHLY RECOMMENDED. Courses are designed to be taken in conjunction with each other. Students must receive permission from the coordinators for enrolment.

This unit encompasses the material taught in NEUR3004. Advanced students perform a research project and present a mini-lecture on a current topic in neuroscience research.

Textbooks


NEUR3002

Neuroscience: Motor Systems & Behav. Adv

Credit points: 6

Teacher/Coordinator: Dr Vladimir Balcar

Session: Semester 2

Credit points: 6

Teacher/Coordinator: Dr Vladimir Balcar

Session: Semester 2

Prerequisites: For BMEDSCI: 42 credit points of intermediate BMEd units. For others: 18 credit points of Intermediate units of study from Anatomy & Histology, Biochemistry, Biology, Chemistry, Computer Science, Mathematics, Microbiology, Molecular Biology and Genetics, Physiology, Physics, Psychology, Pharmacology, Medical Science. Students must have a CREDIT (or better) in NEUR3001/3901 and NEUR3002/3902. Assumed knowledge: Students should be familiar with the material in Bear, Connors & Paradiso Neuroscience: Exploring the Brain. Assessment: Mid-semester exam. 1-hour final exam. Major essay/report. Tutorial participation. Mini lecture. (100%) Note: Department permission required for enrolment. Note: Enrolment in NEUR3003/3903 is HIGHLY RECOMMENDED. Courses are designed to be taken in conjunction with each other. Students must receive permission from the coordinators for enrolment.

This unit encompasses the material taught in NEUR3004. Advanced students perform a research project and present a mini-lecture on a current topic in neuroscience research.

Textbooks


one 4-hour practical per fortnight. Prerequisites: 12 credit points of Junior Chemistry and MBLG (1001 or 1901). Corequisites: Recommended concurrent units of study: MBLG2071 and BCHM2072 for progression to Senior Biochemistry. Prohibitions: BCHM2011, BCHM2971 Assumed knowledge: CHEM (1101 and 1102) Assessment: One 2-hour theory and theory of practical exam, 2 prac reports (100%)

This unit of study introduces biochemistry by describing the physical and chemical activities of proteins and their functions in cells. The details of protein interactions with other cellular components are presented and the relationship of protein structure and function is discussed. Techniques in protein chemistry and analysis, including proteomics are introduced together with key experiments which reveal the physical basis of the functioning of proteins. This course builds on the protein science presented in MBLG1001 and is ideally suited to students studying Intermediate Chemistry together with Biochemistry. The practical course will nurture technical skills in biochemistry and will include protein preparation, the analysis of protein structure and enzymatic assays.

Textbooks

BCHM2072
Human Biochemistry
Credit points: 6 Teacher/Coordinator: A/Prof Gareth Denyer Session: Semester 2 Classes: Two lectures per week, one tutorial per fortnight, and one 4-hour practical per fortnight. Prerequisites: Either MBLG (1001 or 1901) and 12 credit points of Junior Chemistry or either MBLG2071 or MBLG2971 Prohibitions: BCHM2972, BCHM2002, BCHM2102, BCHM2902, BCHM2112 Assessment: One 3-hour exam, practical reports, in semester assignments (100%)

This unit of study aims to describe how cells work at the molecular level, with special emphasis on human biochemistry. The chemical reactions which occur inside cells are described in the first series of lectures, Cellular Metabolism. Aspects of the molecular architecture of cells which enable them to transduce messages and communicate are described in the second half of the unit of study. At every stage there is emphasis on the ‘whole body’ consequences of reactions, pathways and processes. Cellular Metabolism describes how cells extract energy from fuel molecules like fatty acids and carbohydrates, how the body controls the rate of fuel utilisation and how the mix of fuels is regulated (especially under different physiological circumstances such as starvation and exercise). The metabolic inter-relationships of the muscle, brain, adipose tissue and liver and the role of hormones in coordinating tissue metabolic relationships is discussed. The unit also discusses how the body lays down and stores vital fuel reserves such as fat and glycogen, how hormones modulate

the relevant Tables in earlier Undergraduate Enrolment Advice chapters.

MBLG1001
Molecular Biology and Genetics (Intro)
Credit points: 6 Teacher/Coordinator: Dr Dale Hancock Session: Semester 2 Classes: Two 1-hour lectures per week; one 1-hour tutorial and one 4-hour practical per fortnight Prohibitions: AGCH2001, BCHM2001, BCHM2101, BCHM2901, MBLG2101, MBLG2001, MBLG2111, MBLG2771, MBLG2871, MBLG1901 Assumed knowledge: 6 credit points of Junior Biology and 6 cp of Junior Chemistry Assessment: One 2.5-hour exam, in-semester skills test and assignments (100%)

The lectures in this unit of study introduce the “Central Dogma” of molecular biology and genetics -i.e., the molecular basis of life. The course begins with the information macromolecules in living cells: DNA, RNA and protein, and explores how their structures allow them to fulfill their various biological roles. This is followed by a review of how DNA is organised into genes leading to discussion of replication and gene expression (transcription and translation). The unit concludes with an introduction to the techniques of molecular biology and, in particular, how these techniques have led to an explosion of interest and research in Molecular Biology. The practical component complements the lectures by exposing students to experiments which explore the measurement of enzyme activity, the isolation of DNA and the ‘cutting’ of DNA using restriction enzymes. However, a key aim of the practicals is to give students higher level generic skills in computing, communication, criticism, data analysis/evaluation and experimental design.

MBLG1901
Molecular Biology and Genetics (Adv)
Credit points: 6 Teacher/Coordinator: Dr Dale Hancock Session: Semester 2 Classes: Two 1-hour lectures per week; one 1-hour tutorial and one 4-hour practical per fortnight; four 1-hour seminars per semester. Prerequisites: UAI (or ATAR equivalent) of 95 or minimum Band 5 in HSC chemistry and biology by invitation. Prohibitions: AGCH2001, BCHM2001, BCHM2101, BCHM2901, MBLG2101, MBLG2001, MBLG2111, MBLG2771, MBLG2871, MBLG1001 Assumed knowledge: HSC Chemistry and Biology OR 6 credit points of Junior Biology and 6 cp of Junior Chemistry Assessment: One 2.5-hour exam, in-semester skills test and assignments (100%)

The lectures in this unit of study introduce the “Central Dogma” of molecular biology and genetics, i.e., the molecular basis of life. The course begins with the information macro-molecules in living cells: DNA, RNA and protein, and explores how their structures allow them to fulfill their various biological roles. This is followed by a review of how DNA is organised into genes leading to discussion of replication and gene expression (transcription and translation). The unit concludes with an introduction to the techniques of molecular biology and, in particular, how these techniques have led to an explosion of interest and research in Molecular Biology. The practical component complements the lectures by exposing students to experiments which explore the measurement of enzyme activity, the isolation of DNA and the ‘cutting’ of DNA using restriction enzymes. However, a key aim of the practicals is to give students higher level generic skills in computing, communication, criticism, data analysis/evaluation and experimental design.

The advanced component is designed for students interested in continuing in molecular biology. It consists of 7 advanced lectures (replacing 7 regular lectures) and 3 advanced laboratory sessions (replacing 3 regular practical classes). The advanced lectures will focus on the experiments which led to key discoveries in molecular biology. The advanced practical sessions will give students the opportunity to explore alternative molecular biology experimental techniques. Attendance at MBLG1999 seminars is strongly encouraged.

Textbooks
Introduction to Molecular Biology MBLG1001 & MBLG1901, 2nd edition compiled by D. Hancock, G. Denyer and B. Lyon

BCHM2071
Protein Biochemistry
Credit points: 6 Teacher/Coordinator: A/Prof Charles Collyer Session: Semester 1 Classes: Two 2-hour lectures per week, one 1-hour tutorial and
fuel partitioning between tissues and the strategies involved in digestion and absorption and transport of nutrients. Signal Transduction covers how communication across membranes occurs (i.e. via surface receptors and signaling cascades). This allows detailed molecular discussion of the mechanism of hormone action and intracellular process targeting. The practical component complements the lectures by exposing students to experiments which investigate the measurement of glucose utilisation using radioactive tracers and the design of biochemical assay systems. During the unit of study, generic skills are nurtured by frequent use of computers and problem solving activities. However student exposure to generic skills will be extended by the introduction of exercises designed to teach oral communication, instruction writing and feedback articulation skills.

**BCHM2972**

Human Biochemistry (Advanced)

**Credit points:** 6

**Teacher/Coordinator:** A/Prof Gareth Denyer

**Session:** Semester 2

**Classes:** Two lectures per week, one tutorial per fortnight, and one 4-hour practical per fortnight.

**Prerequisites:** Distinction in one of (BCHM (2071 or 2971) or MBLG (2071 or 2971)) or (Distinction in MBLG (1001 or 1901) and Distinction average in all other Junior Science Units of Study undertaken).

**Assessment:** One 3-hour exam, practical reports (100%)

This advanced unit aims to describe how cells work at the molecular level. The chemical reactions which occur inside cells are described in the first series of lectures. Cellular Metabolism. Aspects of the molecular architecture of cells which enable them to transduce messages and communicate are described in the second half of the unit of study. At every stage there is emphasis on the 'whole body' consequences of reactions, pathways and processes. Cellular Metabolism describes how cells extract energy from fuel molecules like fatty acids and carbohydrates, how the body controls the rate of fuel utilization and how the mix of fuels is regulated (especially under different physiological circumstances such as starvation and exercise). The metabolic inter-relationships of the muscle, brain, adipose tissue and liver and the role of hormones in coordinating tissue metabolic relationships is discussed. The unit also discusses how the body lays down and stores vital fuel reserves such as fat and glycogen, how hormones modulate fuel partitioning between tissues and the strategies involved in digestion and absorption and transport of nutrients. Signal Transduction covers how communication across membranes occurs (i.e., via surface receptors and signaling cascades). This allows detailed molecular discussion of the mechanism of hormone action and intracellular process targeting. The practical component complements the lectures by exposing students to experiments which investigate the measurement of glucose utilisation using radioactive tracers and the design of biochemical assay systems. During the unit of study, generic skills are nurtured by frequent use of computers and problem solving activities. However, student exposure to generic skills will be extended by the introduction of exercises designed to teach oral communication, instruction writing and feedback articulation skills.

**BCHM3071**

Molecular Biology & Biochem- Genes (Adv)

**Credit points:** 6

**Teacher/Coordinator:** Mrs. Jill Johnston, Prof Iain Campbell

**Session:** Semester 1

**Classes:** Two 1-hour lectures per week and one 6-hour practical per fortnight.

**Prerequisites:** MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, with Distinction in BMed2802 and BMed2804.

**Prohibitions:** BCHM3071, BCHM3001, BCHM3901

**Assessment:** One 2.5-hour exam, practical work (100%)

This unit of study is designed to provide a comprehensive coverage of the activity of genes in living organisms, with a focus on eukaryotic and particularly human systems. The lecture component covers the arrangement and structure of genes, how genes are expressed, promoter activity and enhancer action. This leads into discussions on the biochemical basis of differentiation of eukaryotic cells, the molecular basis of imprinting, epigenetics, and the role of RNA in gene expression. Additionally, the course discusses the effects of damage to the genome and mechanisms of DNA repair. The modern techniques for manipulating and analysing macromolecules such as DNA and proteins and their relevance to medical and biotechnological applications are discussed. Techniques such as the generation of gene knockout and transgenic mice are discussed as well as genomic methods of analysing gene expression patterns. Particular emphasis is placed on how modern molecular biology and biochemical methods have led to our current understanding of the structure and functions of genes within the human genome. The practical course is designed to complement the lecture course and will provide students with experience in a wide range of techniques used in molecular biology laboratories. The practical component complements the lectures by exposing students to experiments which investigate the measurement of glucose utilisation using radioactive tracers and the design of biochemical assay systems. During the unit of study, generic skills are nurtured by frequent use of computers and problem solving activities. However, student exposure to generic skills will be extended by the introduction of exercises designed to teach oral communication, instruction writing and feedback articulation skills.

**BCHM3081**

Mol Biology & Biochemistry- Proteins

**Credit points:** 6

**Teacher/Coordinator:** Mrs. Jill Johnston, Prof Joel Mackay

**Session:** Semester 1

**Classes:** Two 2-hour lectures week and one 6-hour practical per fortnight.

**Prerequisites:** MBLG (1001 or 1901) and 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, including BMed2802 and BMed2804.

**Prohibitions:** BCHM3981, BCHM3001, BCHM3901

**Assessment:** One 2.5-hour exam, practical work (100%)

This unit of study is designed to provide a comprehensive coverage of the functions of proteins in living organisms, with a focus on eukaryotic and particularly human systems. Its lecture component deals with how proteins adopt their biologically active forms, including discussions of protein structure, protein folding and how recombinant DNA technology can be used to design novel proteins with potential medical or biotechnology applications. Particular emphasis is placed on how modern molecular biology and biochemical methods have led to our current understanding of the structure and functions of proteins. It also covers physiologically and medically important aspects of proteins in living systems, including the roles of chaperones in protein folding inside cells, the pathological consequences of misfolding of proteins, how proteins are sorted to different cellular compartments.
and how the biological activities of proteins can be controlled by regulated protein degradation. The practical course is designed to complement the lecture course and will provide students with experience in a wide range of techniques used in molecular biology and protein biochemistry laboratories.

Textbooks

**BCHM3981**
Mol Biology & Biochemistry- Proteins Adv
Credit points: 6 Teacher/Coordinator: Mrs Jill Johnston, Prof Joel Mackay
Session: Semester 1 Classes: Two 1-hour lectures per week and one 6-hour practical per fortnight. Prerequisites: MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972 or 42CP of Intermediate BMedSc units, with Distinction in BMED2902 and BMED2904. Prohibitions: BCHM3081, BCHM3001, BCHM3901 Assessment: One 2.5-hour exam, practical work (100%)

This unit of study is designed to provide a comprehensive coverage of the functions of proteins in living organisms, with a focus on eukaryotic and particularly human systems. Its lecture component deals with how proteins adopt their biologically active forms, including discussions of protein structure, protein folding and how recombinant DNA technology can be used to design novel proteins with potential medical or biotechnology applications. Particular emphasis is placed on how modern molecular biology and biochemical methods have led to our current understanding of the structure and functions of proteins. It also covers physiologically and medically important aspects of proteins in living systems, including the roles of chaperones in protein folding inside cells, the pathological consequences of misfolding of proteins, how proteins are sorted to different cellular compartments and how the biological activities of proteins can be controlled by regulated protein degradation. The practical course is designed to complement the lecture course and will provide students with experience in a wide range of techniques used in molecular biology and protein biochemistry laboratories.

Textbooks

**BCHM3072**
Human Molecular Cell Biology
Credit points: 6 Teacher/Coordinator: Mrs Jill Johnston, Prof Iain Campbell
Session: Semester 2 Classes: Two 1-hour lectures per week and one 6-hour practical per fortnight. Prerequisites: (MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/MBLG2971 or BCHM2071/2971 or BCHM2072/2972) or (42CP of Intermediate BMedSc units, including BMED2802 and BMED2804) Prohibitions: BCHM3972, BCHM3002, BCHM3902, BCHM3904, BCHM3909 Assessment: One 2.5-hour exam, practical work (100%) Note: BExSci/BSc(Nutrition) students successfully progressing though the combined degree meet the pre-requisites for this unit of study

This unit of study will explore the responses of cells to changes in their environment in both health and disease. The lecture course consists of four integrated modules. The first will provide an overview of the role of signalling mechanisms in the control of human cell biology and then focus on cell surface receptors and the downstream signal transduction events that they initiate. The second will examine how cells detect and respond to pathogenic molecular patterns displayed by infectious agents and injured cells by discussing the roles of relevant cell surface receptors, cytokines and signal transduction pathways. The third and fourth will focus on the life, death and differentiation of human cells in response to abnormal extra-cellular and intra-cellular signals by discussing the eukaryotic cell cycle under normal and pathological circumstances and programmed cell death in response to abnormal extra-cellular and intra-cellular signals. In all modules emphasis will be placed on the molecular processes involved in human cell biology, how modern molecular and cell biology methods have led to our current understanding of them and the implications of these for pathologies such as cancer. The practical component is designed to complement the lecture course, providing students with experience in a wide range of techniques used in modern molecular cell biology.

Textbooks

**BCHM3972**
Human Molecular Cell Biology (Advanced)
Credit points: 6 Teacher/Coordinator: Mrs Jill Johnston, Prof Iain Campbell
Session: Semester 2 Classes: Two 1-hour lectures per week and one 6-hour practical per fortnight. Prerequisites: MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/MBLG2971 or BCHM2071/2971 or BCHM2072/2972) or (42CP of Intermediate BMedSc units, with Distinction in BMED2902 and BMED2904. Prohibitions: BCHM3072, BCHM3002, BCHM3904, BCHM3909, BCHM3909 Assessment: One 2.5-hour exam, practical work (100%)

This unit of study will explore the responses of cells to changes in their environment in both health and disease. The lecture course consists of four integrated modules. The first will provide an overview of the role of signalling mechanisms in the control of human cell biology and then focus on cell surface receptors and the downstream signal transduction events that they initiate. The second will examine how cells detect and respond to pathogenic molecular patterns displayed by infectious agents and injured cells by discussing the roles of relevant cell surface receptors, cytokines and signal transduction pathways. The third and fourth will focus on the life, death and differentiation of human cells in response to abnormal extra-cellular and intra-cellular signals. In all modules emphasis will be placed on the molecular processes involved in human cell biology, how modern molecular and cell biology methods have led to our current understanding of them and the implications of these for pathologies such as cancer. The practical component is designed to complement the lecture course, providing students with experience in a wide range of techniques used in modern molecular cell biology.

The lecture component of this unit of study is the same as BCHM3972. Qualified students will attend seminars/practical classes in which more sophisticated topics in modern molecular cell biology will be covered.

Textbooks

**BCHM3082**
Medical and Metabolic Biochemistry
Credit points: 6 Teacher/Coordinator: Mrs Jill Johnston, A/Prof Gareth Deyer
Session: Semester 2 Classes: Two 1-hour lectures per week and one 6-hour practical per fortnight. Prerequisites: MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or (42CP of Intermediate BMedSc units, including BMED2802 and BMED2804. Prohibitions: BCHM3982, BCHM3002, BCHM3904, BCHM3908, BCHM3904 Assessment: One 2.5-hour exam, practical work (100%)

Note: BExSci/BSc(Nutrition) students successfully progressing though the combined degree meet the pre-requisites for this unit of study

This unit of study will explore the biochemical processes involved in the operation of cells and how they are integrated in tissues and in the whole human body in normal and diseased states. These concepts will be illustrated by considering whole-body aspects of energy utilisation, fat and glycogen storage and their regulation under normal conditions compared to obesity and diabetes. Key concepts that will be discussed include energy balance, regulation of metabolic rate, control of food intake, tissue interactions in fuel selection, the role of adipose tissue and transport of fuel molecules from storage organs and into cells. Particular emphasis will be placed on how the modern concepts of metabolomics, coupled with molecular biology methods...
and studies of the structure and function of enzymes, have led to our current understanding of how metabolic processes are normally integrated and how they become deranged in disease states. The practical component is designed to complement the lecture course and will provide students with experience in a wide range of techniques used in modern medical and metabolic biochemistry.

Textbooks


BCHM3982

Medical and Metabolic Biochemistry (Adv)

Credit points: 6

Teacher/Coordinator: Mrs Jill Johnston, A/Prof Gareth Deyner

Session: Semester 2 Classes: Two 1-hour lectures per week and one 6-hour practical per fortnight. Prerequisites: MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, with Distinction in BMED2802 and BMED2804. Prohibitions: BCHM3082, BCHM3092, BCHM3090. Assessment: One 2.5-hour exam, practical work (100%)

This unit of study will explore the biochemical processes involved in the operation of cells, and how they are integrated in tissues and in the whole human body in normal and diseased states. These concepts will be illustrated by considering whole-body aspects of energy utilisation, fat and glycogen storage and their regulation under normal conditions compared to obesity and diabetes. Key concepts that will be discussed include energy balance, regulation of metabolic rate, control of food intake, tissue interactions in fuel selection, the role of adipose tissue and transport of fuel molecules from storage organs and into cells. Particular emphasis will be placed on how the modern concepts of metabolomics, coupled with new methods, including magnetic resonance techniques and molecular biology methods, as well as studies of the structure and function of enzymes, have led to our current understanding of how metabolic processes are normally integrated and how they become deranged in disease states. The practical component is designed to complement the lecture course and will provide students with experience in a wide range of techniques used in modern medical and metabolic biochemistry.

Qualified students will attend some lectures/practical classes in common with BCHM3092 and some separate lectures/practical classes in which more sophisticated topics in metabolic biochemistry will be covered.

Textbooks


BCHM3092

Proteomics and Functional Genomics (Adv)

Credit points: 6

Teacher/Coordinator: A/Prof Stuart Cordwell, Mrs Jill Johnston Session: Semester 2 Classes: Two 1-hour lectures per week and one 3-hour practical per fortnight. Prerequisites: MBLG (1001 or 1901) and Distinction in 12 CP of Intermediate BCHM/MBLG units (taken from MBLG2071/2971 or BCHM2071/2971 or BCHM2072/2972) or 42CP of Intermediate BMedSc units, with Distinction in BMED2802 and BMED2804. Prohibitions: BCHM3082, BCHM3090. Assessment: One 2.5-hour exam, practical work (100%)

This unit of study will focus on the high throughput methods for the analysis of gene structure and function (genomics) and the analysis of proteins (proteomics) which are at the forefront of discovery in the biomedical sciences. The course will concentrate on the hierarchy of gene-protein-structure-function through an examination of modern technologies built on the concepts of genomics versus molecular biology, and proteomics versus biochemistry. Technologies to be examined include DNA sequencing, nucleic acid and protein microarrays, two-dimensional gel electrophoresis of proteins, uses of mass spectrometry for high throughput protein identification, isolate tagging for quantitative proteomics, high-performance liquid chromatography, high-throughput functional assays, affinity chromatography and modern methods for database analysis. Particular emphasis will be placed on how these technologies can provide insight into the molecular basis of changes in cellular function under both physiological and pathological conditions as well as how they can be applied to biotechnology for the discovery of biomarkers, diagnostics, and therapeutics. The practical component is designed to complement the lecture course and will provide students with experience in a wide range of techniques used in proteomics and genomics.

The lecture component of this unit of study is the same as BCHM3092. Qualified students will attend seminars/practical classes in which more sophisticated topics in proteomics and genomics will be covered.

Textbooks


Bioinformatics

Bioinformatics is an interdisciplinary area of science, involving Computer Science, Computational Science, Mathematics, Statistics, and the Life Sciences (ie. biology, medicine, etc). It is responsible for the development and use of computer systems, databases, software, networks, and hardware to solve scientific problems in a wide variety of areas ranging from biology to medicine. Due to its interdisciplinary nature, the BSc (Bioinformatics) degree is composed of units of study that are offered also to students enrolled in other degrees, the general aim being to equip the students enrolled in the BSc (Bioinformatics) degree with knowledge in key areas of relevance to Bioinformatics.

First Year

In the first year of their study, students devote time to units of study offered by the School of Biological Sciences, School of Chemistry, School of Information Technologies, School of Mathematics and Statistics, and School of Molecular and Microbial Biosciences (see Table 1A in chapter 4).

Second Year

In the second and third year of their study, students divide time equally between the Life Sciences and the mathematical, statistical, and computational sciences, choosing units of study from those offered by the School of Biological Sciences, School of Information Technologies, School of Mathematics and Statistics, School of Molecular and Microbial Biosciences, School of Physics, and the Department of Pharmacology (see Table 1A).
Science units of study

Third Year
In the third year of their study, the students are highly recommended to enrol in BIOL3027/3927 (Bioinformatics and Genomics) and BCHM3092/3992 (Proteomics and Functional Genomics). Furthermore, the students complete a unit of study - BINF3101 (Bioinformatics Project) - that is designed specifically to give them an opportunity to do real research, supervised by scientists from the bio-medical disciplines. For further information regarding third year requirements see Table 1A.

BINF3101
Bioinformatics Project
Credit points: 6 Teacher/Coordinator: Dr Michael Charleston, Dr Nathan Io
Session: Semester 2 Classes: Meeting with academic supervisor 1 hour per week & class meeting 1 hour per week. Prerequisites: 12 credit points from Intermediate Biology, Molecular Biology and Genetics, Biochemistry, Microbiology, Pharmacology
Prohibitions: COMF3206, BINF3001, INFO3605, SOFT3300, SOFT3600, SOFT3500, SOFT3700
Assumed knowledge: INFO2110 and (INFO1103 or INFO1903) Assessment: Oral group presentations, individual and group reports (100%) This unit will provide students an opportunity to apply the knowledge and practice the skills acquired in the prerequisite and qualifying units, in the context of designing and building a substantial bioinformatics application. Working in groups, students will carry out the full range of activities including requirements capture, analysis and design, coding, testing and documentation.

Biological Sciences
Advice on units of study
Any student needing advice before enrolling should make an appointment to see an adviser from the School of Biological Sciences. Phone 9351 5819 (First Year Biology Office) for enquiries about junior units; or 9351 2848 for enquiries about Intermediate and Senior units. Units of study in Biology include those with the prefixes BIOL (Biological), PLNT (Plant Sciences) and MBLG (Molecular Biology and Genetics), as well as ENV2111. Refer to the relevant sections of this handbook for details of PLNT, MBLG and ENVI units of study. For information on how to major in Biology or Plant Sciences, with advice on units of study, see www.bio.usyd.edu.au/futurestudents/future_ug.html.

Assistance during semester
The offices of junior year Biology staff and the Biology Learning Centre are on the 5th floor of Carslaw. Staff are available for consultation throughout semester. The School maintains a website that provides access to resources for students: www.bio.usyd.edu.au.

Summer School: January-February
The School of Biological Sciences offers some junior units of study in the Sydney Summer School. Consult The Sydney Summer School website for more information: www.summer.usyd.edu.au. Students may enrol in junior units of study offered at Summer School before their first semester of university enrolment.

Biology Bridging Course
Students who have not completed HSC Biology or equivalent are strongly encouraged to attend the Biology Bridging Course before commencing any Biology study at university. Details are available each year from the School of Biological Sciences website: www.bio.usyd.edu.au/futurestudents/future.html

Junior units of study
Students may take up to four units of study in Junior Biology: BIOL1001 or 1911 (Concepts in Biology); BIOL1003 or 1903 (Human Biology); BIOL1002 or 1902 (Living Systems); and MBLG1001 or 1901 (Molecular Biology and Genetics).

BIOL1001
Concepts in Biology
Credit points: 6 Session: Semester 1, Summer Main Classes: 3x1 hr lectures/fortnight and 1x1 hr practical/fortnight. Prerequisites: BIOL1911
Assumed knowledge: None. However, semester 1 students who have not completed HSC Biology (or equivalent) are strongly advised to take the Biology Bridging Course (in February). Assessment: 1x2 hr exam, assignments, quizzes (100%) Note: It is recommended that BIOL (1001 or 1911) be taken concurrently with either BIOL1003 or BIOL1903. Students who have completed HSC Biology and scored 80+ should enrol in BIOL1911. Students who lack 80+ in HSC Biology but have a UAI of at least 93 may enrol in BIOL1911 with permission from the UEO. The completion of MBLG 1001 is highly recommended.

Concepts in Biology is an introduction to the major themes of modern biology. The unit emphasizes how biologists carry out scientific investigations, from the cellular/molecular level to the level of ecosystems. Topics covered in lectures and practicals include: introductory cell biology, with particular emphasis on how cells obtain and use energy; the diversity and biology of microorganisms; an introduction to molecular biology through the role of DNA in protein synthesis, including current developments in DNA technology; genetics or organisms; theories of evolution and phylogenetic analysis, and how they are used to interpret the origins of the diversity of modern organisms; and interactions between organisms in biological communities, with emphasis on Australian ecology.

Textbooks

BIOL1911
Concepts in Biology (Advanced)
Credit points: 6 Session: Semester 1 Classes: 3x1 hr lectures/fortnight and 1x1 hr practical/fortnight. Prerequisites: 80+ in HSC 2-unit Biology (or equivalent) or Distinction or better in a University level Biology unit, or by invitation. Prohibitions: BIOL 1001 Assessment: 1x2 hr exam, assignments, quizzes (100%) Note: Department permission required for enrolment. Note: It is recommended that BIOL (1001 or 1911) be taken concurrently with all other Junior units of study in Biology. The completion of MBLG1001 is highly recommended.

Concepts in Biology (Advanced) builds on the main themes introduced in HSC Biology, with emphasis on current research in biology. Topics covered in lectures and practicals include: cell biology, with particular emphasis on how cells obtain and use energy; the diversity and biology of microorganisms; current developments in molecular biology, including recombinant DNA technology and the human genome project; inheritance, genetics and the origins of diversity of modern organisms; and interactions between organisms in biological communities, with emphasis on Australian ecology. Research-based lectures will expand on the general lecture topics and include current investigations of such diverse topics as cancer therapies, metabolic malfunction, anarchy in beehives, evolutionary studies of snake reproductive strategies, plant phylogeny and global environmental change.

Textbooks
As for BIOL1001.

BIOL1003
Human Biology
Credit points: 6 Session: Semester 1, Summer Main Classes: 2x1 hr lectures/week (3 lectures in some weeks), 1x3 hr practical class/fortnight, 1x1-2hr workshop/fortnight, 6-9 hrs HBOOK online work/fortnight covering online practical activities, prework and homework. Prohibitions: BIOL1903
Assumed knowledge: HSC 2-unit Biology. Semester 1 students who have not completed HSC biology (or equivalent) are strongly advised to take the Biology Bridging Course (in February). Assessment: 1x2 hr exam, assignments and quizzes (100%) Note: It is recommended that BIOL (1001 or 1911) be taken concurrently with this unit of study.

This Unit of Study has four main components: lectures, practicals, workshops and HBOOK online activities. The unit of study provides an introduction to human evolution and ecology, cell biology, physiology and anatomy, through lectures and practical work. The unit of study includes human nutrition, distribution of essential requirements to and from cells, control of body functions and defence mechanisms. After

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discussion of reproduction and development, it concludes with modern studies and research prospects in biotechnology and human genetics. This unit of study, together with BIOL (1001 or 1911 or 1002 or 1902), or MBLG (1001 or 1901), provides entry to intermediate units of study in Biology, but the contents of BIOL (1002 or 1902) is assumed knowledge for BIOL (2011 or 2012) and PLNT 2003, and students entering these units with BIOL (1003 or 1903) will need to do some preparatory reading.

Textbooks
Mader, Sylvia. Human Biology. 8th ed. McGraw Hill. (Chapters 19, 24, 26)

MBLG2901 Molecular Biology and Genetics (Intro)
Credit points: 6
Semester: 2
Lectures: 2x1 hr lectures/week, 2x1.5 hr practical/week.
Prohibitions: BIOL1002
Assumed knowledge: HSC 2-unit Biology.
Prerequisites: UAI (or ATAR equivalent) of at least 93 and HSC Biology result in the 90+, or Distinction or better in a University level Biology unit, or by invitation.
Assessment: 1x2 hr exam, assignment, group project presentation, discussion activities and quizzes (100%)

This unit of study is the same as BIOL1003 except for the addition of 3 special seminars from guest speakers, a three hour ethics and bioscience component and a student peer group case study presentations.

Textbooks
As for BIOL1003

MBLG1001 Molecular Biology and Genetics (Adv)
Credit points: 6
Semester: 2
Lectures: 3x1 hr lectures/week, 1x2.5 hr practical/week.
Prohibitions: BIOL1902
Assumed knowledge: HSC 2-unit Biology.
Prerequisites: UAI (or ATAR equivalent) of at least 93 and HSC Biology result in the 90+, or Distinction or better in a University level Biology unit, or by invitation. Prohibitions: BSC1910, BSC1901, BSC1911, BSC1921, BSC1920, MBLG1901, MBLG1902.
Assessment: 1x2 hr exam, assignments, quizzes, independent project (100%)

Note: Department permission required for enrolment.

This unit of study shares lectures and practical classes with BIOL1002 but also includes more demanding alternative components of Living Systems.

Textbooks
As for BIOL1002.

MBLG1901 Molecular Biology and Genetics (Adv)
Credit points: 6
Teacher/Coordinator: Dr Dale Hancock
Semester: 2
Lectures: 2x1 hr lectures per week; one 1-hour tutorial and one 4-hour practical per fortnight; four 1-hour seminars per semester.
Prohibitions: UAI (or ATAR equivalent) of at least 93 and HSC Biology result in the 90+, or Distinction or better in a University level Biology unit, or by invitation. Prohibitions: AGCH2001, BSC2001, BSC2011, BSC2020, MBLG2010, MBLG2011, MBLG2020, MBLG2021
Assumed knowledge: HSC Chemistry and Biology OR 6 credit points of Junior Biology and 6 credit points of Junior Chemistry
Assessment: 1x2.5-hour exam, in-semester skills test and assignments (100%)

The lectures in this unit of study introduce the "Central Dogma" of molecular biology and genetics, i.e., the molecular basis of life. The course begins with the information macromolecules in living cells: DNA, RNA and protein, and explores how their structures allow them to fulfill their various biological roles. This is followed by a review of how DNA is organised into genes leading to discussion of replication and gene expression (transcription and translation). The unit concludes with an introduction to the techniques of molecular biology and, in particular, how these techniques have led to an explosion of interest and research in Molecular Biology. The practical component complements the lectures by exposing students to experiments which explore the measurement of enzyme activity, the isolation of DNA and the 'cutting' of DNA using restriction enzymes. However, a key aim of the practicals is to give students higher level generic skills in computing, communication, criticism, data analysis/evaluation and experimental design.

MBLG1902 Living Systems (Adv)
Credit points: 6
Semester: 2
Lectures: 3x1 hr lectures/week, 1x2.5 hr practical/week.
Prohibitions: BIOL1902
Assumed knowledge: UAI (or ATAR equivalent) of at least 93 and HSC Biology result in the 90+, or Distinction or better in a University level Biology unit, or by invitation. Prohibitions: BIOL1902
Assessment: 1x2 hr exam, assignments, quizzes, independent project (100%)

Note: Department permission required for enrolment.

This unit of study shares lectures and practical classes with BIOL1002 but also includes more demanding alternative components of Living Systems.

Textbooks
As for BIOL1002.

Intermediate units of study
Students who wish to take Intermediate Biology units of study should refer to the booklet 'Information for Students Considering Intermediate Biology Units of Study' which is available at the website www.bio.usyd.edu.au/currentstudents/second.html and from the School Office (Science Rd Cottage, A10). Students should discuss their unit of study choices, together with the other units of study they propose to study, with a Biology staff member before enrolling. If you are considering going on to study Senior Biology you must satisfy the Intermediate qualifying and prerequisite units of study for the units of study you intend taking. Units of study in Intermediate Biology include

MBLG2871, MBLG1901
Assumed knowledge: 6 credit points of Junior Biology and 6 credit points of Junior Chemistry
Assessment: One 2.5-hour exam, in-semester skills test and assignments (100%)

The lectures in this unit of study introduce the "Central Dogma" of molecular biology and genetics, i.e., the molecular basis of life. The course begins with the information macromolecules in living cells: DNA, RNA and protein, and explores how their structures allow them to fulfill their various biological roles. This is followed by a review of how DNA is organised into genes leading to discussion of replication and gene expression (transcription and translation). The unit concludes with an introduction to the techniques of molecular biology and, in particular, how these techniques have led to an explosion of interest and research in Molecular Biology. The practical component complements the lectures by exposing students to experiments which explore the measurement of enzyme activity, the isolation of DNA and the 'cutting' of DNA using restriction enzymes. However, a key aim of the practicals is to give students higher level generic skills in computing, communication, criticism, data analysis/evaluation and experimental design.
those with the prefixes BIOL (Biology), PLNT (Plant Sciences) and MBLG (Molecular Biology and Genetics), as well as ENVI2111 (Conservation Biology). Refer to the relevant sections of this handbook for details on PLNT (Plant Science), MBLG (Molecular Biology and Genetics) and ENVI (Environmental Studies) units of study. Note that MBLG (2071 or 2971) and MBLG (2072 or 2972) are qualifying units for BIOL (3018, 3025, 3026, 3027). Note also that MBLG (2071 or 2971) is assumed knowledge for students wishing to enrol in MBLG (2072 or 2972). The following Intermediate units of study are offered:

### Semester 1 units of study


(Plus Advanced versions of the above — BIOL29xx, PLNT29xx, ENVI2911, MBLG29xx).

### Semester 2 units of study

**BIOL2012 Vertebrates and their Origins, BIOL2017 Entomology, BIOL2018 Introduction to Marine Biology, PLNT2003 Plant Form and Function, MBLG2072 Molecular Biology and Genetics B.**

(Plus Advanced versions of the above — BIOL29xx, PLNT29xx, MBLG29xx).

**Note:**

Only one version of each unit of study may be credited towards the degree (e.g. only one of BIOL2011 or 2911 can be taken). Qualifying units of study for certain Senior Biology units of study are defined as combinations of 6 credit points of Intermediate Biology units of study (see the Senior unit of study descriptions or Information for Students booklets). For details of PLNT units please refer to the Plant Science entry in this chapter.

**BIOL2011 Invertebrate Zoology**

**Credit points:** 6 **Teacher/Coordinator:** Dr E May **Session:** Semester 1 **Classes:** 5 x 1 hr lectures/fortnight, 1 x 1 hr tutorial/fortnight, 1 x 2 hr practical/week **Prerequisites:** BIOL (1001 or 1191) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH), 12 credit points of Junior Chemistry. **Prohibitions:** BIOL2911 **Assumed knowledge:** BIOL (1002 or 1902). **Assessment:** 1 x 1 hr mid-semester test, 1 x 2 hr theory exam, 1 assignment, 1 oral presentation (100%).

**Note:** This unit of study may be taken alone, but when taken with BIOL2012 provides entry into certain Senior Biology units of study. The content of BIOL (1002 or 1902) is assumed knowledge and students entering without BIOL (1002 or 1902) will need to do some preparatory reading. The completion of 6 credit points of MBLG units of study is highly recommended.

This unit of study provides a thorough grounding in the diversity of animals by lectures and detailed laboratory classes, which include dissections and demonstrations of the functional anatomy of invertebrates. The material is presented within the conceptual framework of evolution and the principles and use of phylogeny and classification. Tutorials further explore concepts of phylogeny, animal structure and function, and provide opportunity to develop oral and written communication skills. The unit of study is designed to be taken in conjunction with BIOL2012 Vertebrates and Their Origins; the two units of study together provide complete coverage of the diversity of animals at the level of phylum.

**BIOL2012 Vertebrates and their Origins**

**Credit points:** 6 **Teacher/Coordinator:** Dr E May **Session:** Semester 2 **Classes:** 5 x 1 hr lectures/fortnight, 1 x 1 hr tutorial/fortnight, 1 x 2 hr practical/week **Prerequisites:** Distinction average in BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH), 12 credit points of Junior Chemistry. **Prohibitions:** BIOL2912. **Assumed knowledge:** The content of BIOL (1002 or 1902) is assumed knowledge and students who have not completed BIOL (1002 or 1902) will need to do some preparatory reading. **Assessment:** 1 x 1 hr mid-semester test, 1 x 2 hr theory exam, 1 x 1.5 hr practical exam, 1 assignment, 1 oral presentation (100%).

**Note:** This unit of study may be taken alone, but when taken with BIOL2011 provides entry into certain Senior Biology units of study. The completion of MBLG1001 is highly recommended.

This unit of study completes the grounding in the diversity of animals at the level of phylum introduced in BIOL2011 Invertebrate Zoology, by lectures and detailed laboratory classes, which include dissections and demonstrations of the functional anatomy of vertebrates and related invertebrate phyla. Tutorials further explore concepts of phylogeny, animal structure and function, and provide opportunity to develop oral and written communication skills. Students may choose to attend an intensive 3.5 day field trip, which takes place in the July break preceding Semester 2. (Contact Dr May during Semester 1 if you wish to attend).

**BIOL2017 Entomology**

**Credit points:** 6 **Teacher/Coordinator:** Dr E May **Session:** Semester 2 **Classes:** See BIOL2012. **Prohibitions:** None. **Prohibitions:** None. **Assessment:** 1 x 2 hr theory exam, 1 project assignment, 1 practical report (100%).

**Note:** The completion of MBLG1001 is highly recommended.

Qualified students will participate in alternative components of BIOL2012 Vertebrates and their Origins. The content and nature of these components may vary from year to year.

**BIOL2016 Cell Biology**

**Credit points:** 6 **Teacher/Coordinator:** Dr M Thomson **Session:** Semester 1 **Classes:** 2 x 1 hr lectures/week, 1 x 4 hr practical/week **Prerequisites:** Distinction average in BIOL (1001 or 1901), 12 credit points of Junior Biology (BIOL/MBLG/EDUH), 12 credit points of Junior Chemistry. **Prohibitions:** None. **Assessment:** 1 x 3 hr theory exam, 1 x 1 hr practical exam, 1 project assignment, 1 oral presentation (100%).

**Note:** This unit of study is designed to complement BIOL2012 Vertebrates and their Origins; the two units of study together provide complete coverage of the diversity of animals at the level of phylum.

**MBLG2071 Molecular Biology and Genetics A.**

(Plus Advanced versions of the above — MBLG29xx).

(Plus Advanced versions of the above — MBLG29xx).

(Plus Advanced versions of the above — MBLG29xx).

(Plus Advanced versions of the above — MBLG29xx).

(Plus Advanced versions of the above — MBLG29xx).

This unit of study focuses on contemporary principles in cell biology and development in plant and animals, with emphasis on cellular functions and the molecular perspective. Topics include cancer and control of cell division and migration, pre-programmed cell death, molecular signaling and transport systems, cellular endocrinology and embryonic development. The practical component provides students with hands-on training in key research techniques using modern equipment and is therefore of immense benefit to students contemplating honours study or a career in molecular and cellular research. The unit of study is designed to complement BIOL2012 Vertebrates and their Origins.

**BIOL2911 Invertebrate Zoology (Advanced)**

**Credit points:** 6 **Teacher/Coordinator:** Dr E May **Session:** Semester 1 **Classes:** 5 x 1 hr lectures/fortnight, 1 x 1 hr tutorial/fortnight, 1 x 2 hr practical/week. **Prerequisites:** BIOL (1001 or 1901) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH), 12 credit points of Junior Chemistry. **Prohibitions:** BIOL2911. **Assumed knowledge:** BIOL (1002 or 1902). **Assessment:** See BIOL2011 except essay is replaced by a literature review (100%).

**Note:** The completion of 6 credit points of MBLG units of study is highly recommended.

Qualified students will participate in alternative components of BIOL2011 Invertebrate Zoology. The content and nature of these components may vary from year to year.
BIOI2916 Cell Biology (Advanced)
Credit points: 6
Teacher/Coordinator: Dr Murray Thomson
Session: Semester 1
Class: 2x 1hr lectures/week, 1x 4hr practical/week. Prerequisites: Distinction average in 12 credit points of Junior Biology or equivalent, e.g. any combination of 2 units made from the following options, BIOI (1001 or 1911), BIOL (1002 or 1902), BIOL (1003 or 1903), MBLG (1001 or 1901), EDUH1016, and 12 credit points of Junior Chemistry. Prohibitions: BIOI2016 Assessment: 1x 3hr exam, 1 practical report, 1 project assignment (100%)
Note: The completion of MBLG1001 is highly recommended.

Qualified students will participate in alternative components of BIOI2016 Cell Biology.

Textbooks
As for BIOI2016

BIOI2017 Entomology
Credit points: 6
Teacher/Coordinator: Dr Dieter Hochuli
Session: Semester 2
Classes: 2x 1hr lectures/week, 1x 3hr practical/week, 2x 2 hr field trips during semester. Prerequisites: BIOI (1001 or 1911) and 6 additional credit points of Junior Biology (BIOI/MBLG/EDUH). 12 credit points of Junior Chemistry. Prohibitions: BIOI2917 Assumed knowledge: BIOI (2011 or 2911).
Assessment: 1x 2 hr theory exam (50%), practical test (week 6) (5%), report on zoo trip (5%), 2x practical reports (25%), insect collection (15%). Practical field work: The practical classes give students a working knowledge of the major orders of insects and species of importance, as well as principles of collection, preservation and identification. Project work considers forensic entomology, learning in social insects and insect behaviour. Field trips to the Australian Museum and Taronga Zoo will also consider insect husbandry and the role of insects in education. There will also be an introduction to entomological databases and an assignment that involves the making and presentation of a small collection of insects.

This is a general but comprehensive introduction to Insect Biology taught in 3 integrated modules. The first module covers morphology, classification, life histories and development, physiology, ecology, behaviour, conservation, and the biology of prominent members of major groups. The other two modules examine new developments in entomological research, focusing on research strengths at the University of Sydney, the biology of social insects and insect behaviour.

BIOI2917 Entomology (Advanced)
Credit points: 6
Teacher/Coordinator: Dr Dieter Hochuli
Session: Semester 2
Classes: See BIOI2017. Prerequisites: Distinction average in BIOI (1001 or 1911) and 6 additional credit points of Junior Biology (BIOI/MBLG/EDUH). 12 credit points of Junior Chemistry. These requirements may be varied and students with lower averages should consult the Unit Executive Officer. Prohibitions: BIOI2917 Assumed knowledge: BIOI2011 or BIOI2911 Assumed previous performance. 1x 2 hr theory exam (50%), practical test (week 6) (5%), report on zoo trip (5%), 2x practical reports (25%), insect collection (15%).

Qualified students will participate in alternative components of BIOI2017. Entomology. The content and nature of these components may vary from year to year.

BIOI2018 Introduction to Marine Biology
Credit points: 6
Teacher/Coordinator: Dr A Pile
Session: Semester 2
Classes: 2x 1hr lectures/week. Practical classes will comprise of 6x 1 hr tutorials, 1x 8 hr field excursion on a Saturday, 3x 4 hr excursions, 1x 3 hr practical, Excursions may be timetabled for weekends. Prerequisites: BIOI (1001 or 1911) and 6 additional credit points of Junior Biology (BIOI/MBLG/EDUH). 12 credit points of Junior Chemistry. Prohibitions: BIOI2918 Assumed knowledge: 12 credit points of Junior Biology. Assessment: 1x 2 hr theory exam (40%), 4 written reports (60%)

This unit will describe some of the ways in which the properties of the oceans affect marine organisms. It also introduces coral reefs and other marine ecosystems, together with their productivity, biological oceanography, the reproductive biology of marine organisms, and marine biological resources. The practical elements will provide the core skills and techniques that will equip students to perform laboratory and field studies in marine biology. The unit will introduce appropriate methodologies for the collection, handling and analysis of data, the scientific principles underlying experimental design; and the effective communication of scientific information.

Textbooks

BIOI2918 Introduction to Marine Biology (Adv)
Credit points: 6
Teacher/Coordinator: A/Professor R Coleman
Session: Semester 2
Classes: 2x 1hr lectures per week, 6x 1hr tutorials, 1x 8hr field trip, 3x 4hr field trips and 1x 3hr practical. Prerequisites: Distinction average in BIOI (1001 or 1911) and 6 additional credit points of Junior Biology (BIOI/MBLG/EDUH). 12 credit points of Junior Chemistry (or for BSc (Marine Science) students 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics. These requirements may be varied and students with lower averages should consult the Unit Executive Officer. Prohibitions: BIOI2018, MARS2006, MARS2007, MARS2907 Assumed knowledge: 12 credit points of Junior Biology.
Assessment: Two hour theory exam, four written reports (100%)
Note: Entry is restricted and selection is made from applicants on the basis of previous performance.

This unit has the same objectives as BIOI2018, Introduction to Marine Biology, and is suitable for students wishing to pursue aspects from the unit in greater depth. Students taking this unit will participate in alternatives to some elements of the ordinary level course and will be required to pursue the unit objectives by more independent means.
Specific details of the unit will be announced in meetings, during the first week of teaching.

Textbooks
As for BIOI2018

Refer to the relevant sections of this handbook for details on the following units of study:


Senior units of study
Students who intend to proceed from Intermediate to Senior Biology should refer to the booklet Information for Students Considering Senior Biology Units of Study, which is available from the School Office (The Cottage, A10 Science Road) and at www.bio.usyd.edu.au/currentstudents/third.html. Students should discuss their unit of study choices with a Biology Staff member before enrolling. A major in Biology comprises 24 credit points of Senior Biology units of study. Units of study followed by (MS) may be used to count towards a major in Marine Science.

Senior units of study offered: Pre-Semester 1
BIOI3010 Tropical Wildlife Biology and Management - (Pre-Semester 1 intensive), BIOI3017 Fungi in the Environment – (Summer Break and Semester 1). (Plus Advanced versions of the above – BIOI39xx)

Senior units of study offered: Semester 1
BIOI3006 Ecological Methods (MS), BIOI3011 Ecophysiology (MS), BIOI3012 Animal Physiology, BIOI3013 Marine Biology (MS), BIOI3018 Applications of Recombinant DNA Technology, BIOI3027 Bioinformatics and Genomics, PLNT3003 Systematics and Evolution of Plants. (Plus advanced versions of the above - BIOI 39xx, PLNT39xx).

Senior units of study offered: Pre-Semester 2 intensive
BIOI3008 Marine Field Ecology (MS) – (Pre-Semester 2 intensive), BIOI3009 Terrestrial Field Ecology – (Pre-Semester 2 intensive), BIOI3016 Coral Reef Biology (Pre-senior 2 intensive) (Plus Advanced versions of the above - BIOI 39xx)
Senior units of study offered: Semester 2

BIOL3007 Ecology (MS), BIOL3025 Evolutionary Genetics and Animal Behaviour, BIOL3026 Developmental Genetics, PLNT3002 Plant Growth and Development. (Plus advanced versions of the above - BIOL 39xx, PLNT 39xx).

Further information
Details of lectures and practical classes are given in the booklet: Information for Students Considering Senior Biology Units of Study. Any combination of units may be chosen subject to timetable and prerequisite constraints. Units of study are offered subject to student numbers, availability of staff and resources. Quotas exist on BIOL 3008/3908 Marine Field Ecology, and BIOL 3009/3909 Terrestrial Field Ecology and BIOL3016 Corel Reef Biology. When necessary, selection is based on academic merit. Students majoring in Marine Science must enrol in 24 credit points of Senior Marine Science, including at least 6 credit points of Senior Biology (from those marked MS) and 6 credit points from GEOS units. If these credit points are taken as part of Marine Science major they may not be counted towards a Biology major.

Selecting units of study
Select your units of study after checking (a) that you have passed the qualifying units of study stated for each unit of study, and (b) checking your timetable. You are strongly advised to check the most up-to-date information (including details of quotas in Marine modules) in the booklet: Information for Students Considering Senior Biology Units of Study, available from the School Office (The Cottage, A10, Science Road).

Textbooks
A list of textbooks and reference books is provided in the booklet: Information for Students Considering Senior Biology Units of Study.

BIOL3006

Ecological Methods
Credit points: 6 Teacher/Coordinator: Dr Clare McArthur Session: Semester 1 Classes: 2x1 hr lectures/week, 1x3 hr practical/week. Prerequisites: 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and one of ENVI (2111 or 2911) or GEOS (2115 or 2915). Prohibitions: BIOL3906 Assumed knowledge: BIOL (2111 or 2911 or 2012 or 2912) or PLNT (2002 or 2902). Assessment: 1x2 hr exam (40%), practical assignments (including calculations, reports and reviews) (60%)

This unit will consider ecology as a quantitative, experimental and theoretical science. It is concerned with the practical skills and philosophical background required to explore questions and test hypotheses in the real world. Application of ecological methods and theory to practical problems will be integrated throughout the unit of study. Lectures focus on sound philosophical and experimental principles, drawing on real examples for demonstration of concepts, and will be useful as one basis for informed conservation and management of natural populations and habitats. Practical sessions will be used to gain experience in effective sampling, determining patterns of distribution and abundance, estimating ecological variables, and statistically analysing ecological data. Computer simulations and statistical packages for analyses will be used where appropriate.

Textbooks

BIOL3007

Ecology
Credit points: 6 Teacher/Coordinator: Dr D Hochuli Session: Semester 2 Classes: 2x1 hr lectures/week, 1x3 hr practical/week. Prerequisites: 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and one of ENVI (2111 or 2911) or GEOS (2115 or 2915). Prohibitions: BIOL3907 Assumed knowledge: Although not prerequisites, knowledge obtained from BIOL3006/3906, and BIOL3008/3908 and/or BIOL3009/3909, is strongly recommended. Assessment: 1x2hr exam, group presentations, 1xessay, 1xproject report (100%)

This unit explores the dynamics of ecological systems, and considers the interactions between individual organisms and populations, organisms and the environment, and ecological processes. Lectures are grouped around four dominant themes: Interactions, Evolutionary Ecology, The Nature of Communities, and Conservation and Management. Emphasis is placed throughout on the importance of quantitative methods in ecology, including sound planning and experimental designs, and on the role of ecological science in the conservation, management, exploitation and control of populations. Relevant case studies and examples of ecological processes are drawn from marine, freshwater and terrestrial systems, with plants, animals, fungi and other life forms considered as required. Students will have some opportunity to undertake short term ecological projects, and to take part in discussions of important and emerging ideas in the ecological literature.

Textbooks

BIOL3008

Marine Field Ecology
Credit points: 6 Teacher/Coordinator: A/Prof Ross Coleman Session: S2

Intensive Classes: Intensive 8 day-field course held in the pre-semester break. Prerequisites: 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and one of ENVI (2011 or 2911) or GEOS (2115 or 2915). Prohibitions: BIOL3908 Assumed knowledge: BIOL2018 or GEOS2115. BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. Assessment: Discussion groups, research project proposal,
biodiversity survey report, data analysis and checking, research project report (100%).

Note: Dates: 28 June - 5 July 2011.

This field course provides a practical introduction to the experimental analysis of marine populations and assemblages. Students gain experience using a range of intertidal sampling techniques and develop a detailed understanding of the logical requirements necessary for manipulative ecological field experiments. No particular mathematical or statistical skills are required for this subject. Group experimental research projects in the field are the focus of the unit during the day, with lectures and discussion groups about the analysis of experimental data and current issues in experimental marine ecology occurring in the evening.

Textbooks

BIOL3908 Marine Field Ecology (Advanced)
Credit points: 6
Teacher/Coordinator: A/Prof R Coleman. Session: S2
Intensive Classes: One 8 day field course held in the pre-semester break, plus 4x1 hr tutorials during semester 2.
Prerequisites: Distinction average in 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and one of ENVI (2111 or 2911) or GEOS (2115 or 2915). Prohibitions: BIOL3008 Assumed knowledge: BIOL2018 or GEOS2115. Prior completion of BIOL (3006 or 3906) is very strongly recommended. Assessed: Discussion groups, research project proposal, biodiversity report, data analysis and checking, research project report (100%)

Note: Dates: 28 June - 5 July 2011.

This unit has the same objectives as Marine Field Ecology BIOL3008, and is suitable for students wishing to pursue certain aspects of marine field ecology in a greater depth. Entry is restricted and selection is made from applicants on the basis of past performance. Students taking this unit of study will complete an individual research project on a topic negotiated with a member of staff. It is expected that much of the data collection will be completed during the field trip but some extra time may be needed during semester 2. Specific details of this unit of study and assessment will be announced in meetings with students at the beginning of the unit. This unit of study may be taken as part of the BSc(Advanced) program.

Textbooks
As for BIOL 3008.

BIOL3009 Terrestrial Field Ecology
Credit points: 6
Teacher/Coordinator: Dr G Wardle. Session: S2
Intensive Classes: Note: 1x6 day field trip held in the pre-semester break and 4x4 hr practical classes during weeks 1-4 in Semester 2. Prerequisites: 12 credit points of Intermediate Biology or ANSC2004 and BIOM2001. Prohibitions: BIOL3009 Assumed knowledge: BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. Assessed: Discussions and quiz (10%), research project proposal and brief presentation (10%), sampling project report (20%), specimen collection (10%), research project report (50%).

Note: One 6 day field trip held in the pre-semester break (17 - 22 July 2011) and 4x4 hr practical classes during weeks 1-4 in Semester 2.

This field course provides practical experience in terrestrial ecology suited to a broad range of careers in ecology, environmental consulting and wildlife management. Students learn a broad range of ecological sampling techniques and develop a detailed understanding of the logical requirements necessary for manipulative ecological field experiments. The field work incorporates survey techniques for plants, small mammals and invertebrates and thus provides a good background for ecological consulting work. Students attend a week-long field course and participate in a large-scale research project as well as conducting their own research project. Invited experts contribute to the lectures and discussions on issues relating to the ecology, conservation and management of Australia's terrestrial flora and fauna.

BIOL3909 Terrestrial Field Ecology (Advanced)
Credit points: 6
Teacher/Coordinator: Dr G Wardle. Session: S2
Intensive Classes: See BIOL3009. Prerequisites: Distinction average in 12 credit points of Intermediate Biology or ANSC2004 and BIOM2001. Prohibitions: BIOL3009 Assumed knowledge: BIOL3006 or BIOL3906. Prior completion of one of these units is very strongly recommended. Assessed: Discussions and quiz (10%), research project proposal and brief presentation (10%), sampling project report (20%), specimen collection (10%), research project report (50%), sample and data processing (10%), research project report (50%).

Note: One 6 day field trip held in the pre-semester break (17 - 22 July 2011) and 4x4 hr practical classes during weeks 1-4 in Semester 2.

This unit has the same objectives as BIOL3009 Terrestrial Field Ecology, and is suitable for students who wish to pursue certain aspects in greater depth. Entry is restricted, and selection is made from applicants on the basis of previous performance. Students taking this unit of study will complete an individual research project on a topic negotiated with a member of staff. It is expected that much of the data collection will be completed during the field trip but some extra time may be needed during semester 2. Specific details of this unit of study and assessment will be announced in meetings with students at the beginning of the unit. This unit of study may be taken as part of the BSc(Advanced) program.

BIOL3010 Tropical Wildlife Biology and Management
Credit points: 6
Teacher/Coordinator: Dr J Webb. Session: S1
Intensive Classes: 5 day Field School, followed by 5 days of classes at Sydney University. Prerequisites: 12 credit points of Intermediate Biology (BIOL/ENVI/PLNT), or ecology. Prohibitions: BIOL3910 Assumed knowledge: None, although BIOL2012/2912 (Vertebrates and their Origins) would be useful. Assessed: 1x2 hr theory exam, 1x1 hr practical exam, 1x2 page report, 1x2000 word paper, 1x15 minute oral presentation (100%) Note: Department permission required for enrolment. Note: Dates: 13 February - 18 February 2011 Northern Territory, followed by tutorials and practical classes at the University of Sydney 21 February - 25 February 2011.

Australia has a unique terrestrial vertebrate fauna, but also has the worst record of recent mammalian extinctions. Because of Australia's unusual climate, landforms, and the rarity of many species, the management of our native wildlife presents special challenges for biologists, conservationists and land managers. This unit of study addresses the biogeography, ecology and management of Australia’s terrestrial fauna. The subject comprises of a five-day field course at Mary River Park in the Northern Territory. During the course, students will learn how to carry out wildlife surveys, how to identify animals, and how to track wildlife. The field trip will be complemented by lectures from experts in the evolution, ecology and management of wildlife. A one day field trip to Litchfield National Park will be held on the last day of the field course.

BIOL3910 Tropical Wildlife Biol & Management Adv
Credit points: 6
Session: S1
Intensive Classes: See BIOL3010. Prerequisites: Distinction average in 12 credit points of Intermediate Biology (BIOL/ENVI/PLNT). Prohibitions: BIOL3010 Assumed knowledge: None, although BIOL2012/2912 (Vertebrates and their Origins) would be useful. Assessed: 1x2 hr theory exam, 1x1 hr practical exam, 1x2000 word practical report, 1x15 min oral presentation (100%)

Note: Department permission required for enrolment. Note: Dates: 13 - 18 February 2011 Northern Territory followed by tutorials and practical classes at the University of Sydney 21 - 25 February 2011.

This unit has the same objectives as BIOL3010 Tropical Wildlife Biology and Management, and is suitable for students who wish to pursue certain aspects in greater depth. Entry is restricted, and selection is made from the applicants on the basis of their previous performance. Students taking this unit of study will participate in alternatives to some elements of the standard course and will be required to pursue the objectives by more independent means. Specific details of this unit of study and assessment will be announced in meetings with students at the beginning of the unit. This unit of study may be taken as part of the BSc(Advanced) program.

BIOL3011 Ecophysiology
Credit points: 6
Teacher/Coordinator: A/Prof Seebacher. Session: Semester 1
Classes: 2x1 hr lectures/week, 1x4 hr practical/week. Prerequisites: 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and one of ENVI (2111 or 2911) or GEOS (2115 or 2915). Prohibitions: BIOL3911 Assumed knowledge: BIOL (2012 or 2912 or 2016 or 2916) or
PLNT (2003 or 2903). Assessment: 1x1.5 hr exam, field trip, seminar, laboratory report (100%).

We will examine in detail processes that are important for the establishment and maintenance of marine communities. Lectures will expose students to the key ideas, researchers and methodologies within selected fields of marine biology. Laboratory sessions will complement the lectures by providing students with hands-on experience with the organisms and the processes that affect them. Students will develop critical analysis and scientific writing skills while examining the current literature.

BIOL3913 Marine Biology (Advanced)
Credit points: 6 Teacher/Coordinator: Dr W Figueira. Session: Semester 1 Classes: See BIOL3013. Prerequisites: Distinction average in 12 credit points of Intermediate Biology; or 6 credit points of Intermediate BIOL and one of ENVI (2111 or 2911) or GEOS (2115 or 2915). Prohibitions: BIOL3013 Assumed knowledge: BIOL2018 or GEOS2115. Assessment: Practical reports, paper criticisms and other assignments (100%).

Note: The completion of 6 credit points of MBLG units is highly recommended.

BIOL3016 Coral Reef Biology
Credit points: 6 Session: S2 Intensive Classes: Fieldwork 80 hours block mode. Prerequisites: 12 credit points from Intermediate science units of study which must include at least 6 credit points of BIOL units; or 6 credit points of BIOL and one of ENVI (2111 or 2911) or GEOS (2115 or 2915). Prohibitions: BIOL3916, NTMP3001. Assessment: Participation in field work, essays, project report and an exam (100%).

Note: 9-15 July 2011

Coral Reef Biology is an intensive unit held at a research station on the Great Barrier Reef, usually One Tree Island Research Station. The unit focuses on the dominant taxa in coral reef environments and the linkages between them. Emphasis is places on the biological adaptations for life in tropical waters and the ecological, oceanographic and physiological processes involved. Aspects covered include: processes influencing the distribution of coral reefs, symbiosis, reef connectivity, lagoon systems, nutrient cycling and the impacts of climate change and other anthropogenic pressures on the world’s corals reefs.

BIOL3916 Coral Reef Biology (Advanced)
Credit points: 6 Teacher/Coordinator: Professor Maria Byrne. Session: S2 Intensive Classes: See BIOL3016. Prerequisites: Distinction average in 12 credit point from Intermediate science units of study which must include at least 6 credit points of Biology; or 6 credit points of Intermediate BIOL and one of ENVI (2111 or 2911) or GEOS (2115 or 2915). Prohibitions: BIOL3006, NTMP3001. Assumed knowledge: BIOL2018 or GEOS2115. Assessment: 1x2 hr exam, 2x1500wd essays, project presentation and report (100%).

Note: 9-15 July 2011

This unit has the same objectives as BIOL3016, Coral Reef Biology, and is suitable for students who wish to pursue certain aspects of tropical marine biology in greater depth, with a focus on the GBR. Entry is restricted, and selection is made from the applicants on the basis of their previous performance. Students taking this unit of study will pursue individual projects in consultation with, and under the guidance of, the course coordinator. The aim is to design a project relating to the particular interests of the student. The nature of these projects will vary from year to year. This unit of study may be taken as part of the BSc (Advanced) program.

BIOL3017 Fungi in the Environment
Credit points: 6 Teacher/Coordinator: A/Prof P McGee. Session: S1 Intensive Classes: 40 hours of practicals in a two week intensive program held immediately prior to semester one (laboratory component each morning from 14-25 February 2011), plus the equivalent of 30 hours self-guided study during the semester. Prerequisites: 12 credit points of Intermediate Biology or Plant Science, or 6 credit points of Intermediate Biology, or Plant Science, and 6 Intermediate credit points of either Microbiology or Geography. Prohibitions: BIOL3917. Assessment: Selected from 1x2 hr take home exam, laboratory component and written assignments (100%).
The unit is designed to develop understanding of fungal ecology in relation to environmental and rehabilitation biology, biological control of pests and pathogens, and soil microbiology. Emphasis will be placed on the function of fungi, and the benefit provided by fungi in symbiotic interactions with plants, including mycorrhizal fungi and shoot-borne endophytes. Physiological and ecological implications of the interactions will also be considered. Each student will design and implement a research project. Analytical thinking and research-led activity will be encouraged. Using broad scientific approaches, each student will gain the capacity to work cooperatively to find and analyse information from primary sources, develop approaches to test their understanding, and to present their work in a scientifically acceptable manner. Students will develop a deeper understanding of one area of fungal biology through independent study. Part of the learning material will be available on the internet.

BIOL3917
Fungi in the Environment (Advanced)
Credit points: 6
Teacher/Coordinator: A/Prof P McGee
Session: S1
Classes: See BIOL3918 Session: 2x1 hr lectures/week, 1x4 hr practical/week.
Prerequisites: 12 credit points of Intermediate Biology and Plant Science, or 6 credit points of Intermediate Biology, or Plant Science, and 6 Intermediate credit points of either Microbiology or Geography.
Prohibitions: BIOL3017 Assessment: Selected from 1x2 hr take home exam, laboratory and written assignments (100%)
Note: The completion of 6 credit points of MBLG units is highly recommended.

Qualified students will be encouraged to develop a research project under supervision. The content and nature of the research will be agreed on with the executive officer.

BIOL3018
Applications of Recombinant DNA Tech
Credit points: 6
Teacher/Coordinator: Dr B Lyon
Session: Semester 1
Classes: See BIOL3018. Prerequisites: Distinction average in 12 credit points from MBLG (2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMED units including BMED2802. Prohibitions: BIOL3918 Assessment: 1x2 hr exam, practical reports, assignment/seminar (100%)
A unit of study with lectures, practicals and tutorials on the application of recombinant DNA technology and the genetic manipulation of prokaryotic and eukaryotic organisms. Lectures cover the applications of molecular genetics in biotechnology and consider the impact and implications of genetic engineering. Topics include the cloning and expression of foreign genes in bacteria, yeast, animal and plant cells, novel human and animal therapeutics and vaccines including human gene therapy, new diagnostic techniques for human and veterinary disease, the transformation of animal and plant cells, the genetic engineering of animals and plants, and the environmental release of genetically-modified (transgenic) organisms. Practical work may include nucleic acid isolation and manipulation, gene cloning and PCR amplification, DNA sequencing and computer analysis of gene sequences, immunological detection of proteins, and the genetic transformation and assay of plants.

BIOL3918
Applications of Recombinant DNA Tech Adv
Credit points: 6
Teacher/Coordinator: Dr B Lyon
Session: Semester 1
Classes: See BIOL3918. Prerequisites: Distinction average in 12 credit points from MBLG (2071/2971), MBLG (2072/2972) and Intermediate Biology units. For BMedSc students: 36 credit points of Intermediate BMED units including BMED2802. Prohibitions: BIOL3018 Assessment: 1x2 hr exam, assignment/seminar (100%)
Qualified students will participate in alternative components of BIOL3018 Applications of Recombinant DNA Technology. The content and nature of these components may vary from year to year.

BIOL3025
Evolutionary Genetics & Animal Behaviour
Credit points: 6
Teacher/Coordinator: Prof Oldroyd, A/Prof Beekeaman.
Session: Semester 2
Classes: See BIOL3026. Prerequisites: Distinction average in 12 credit points from MBLG (2071/2971), MBLG (2072/2972) or Intermediate Biology or Intermediate PLNT units. For BMedSc students: 36 credit points of Intermediate BMED units including BMED2802. Prohibitions: BIOL3925 Assessment: 1x1.5 hour exam, assignments, seminar (100%)
The unit of study covers the main themes of modern evolutionary theory including population genetics. In the practicals, students use molecular methods to quantify genetic variation in natural populations. Using these skills we will search for population subdivision and discuss how this can lead to speciation. Lectures will cover how the evolution of traits can be tracked using the comparative method. We will consider how studies of sex ratios, sexual selection, kin selection, game theory and quantitative genetics can illuminate the mechanisms by which animals have evolved, and explain why they behave as they do. We will then consider if these themes have any relevance to human sociobiology. The unit also covers the role of genetics in conservation. There will be a field trip to collect organisms for population genetic analysis. There will be plenty of opportunity in the student seminars to examine the more controversial aspects of modern evolutionary thought.

BIOL3925
Evolutionary Gen. & Animal Behaviour Adv
Credit points: 6
Teacher/Coordinator: Prof B Oldroyd, A/Prof Beekeaman.
Session: Semester 2
Classes: See BIOL3925. Prerequisites: Distinction average in 12 credit points from MBLG (2071/2971), MBLG (2072/2972) or Intermediate Biology or PLNT units. For BMedSc students: 36 credit points of Intermediate BMED units including Distinction in BMED2802. Prohibitions: BIOL3025 Assessment: 1x1.5 hr exam, assignments, seminar (100%)
Qualified students will participate in alternative components of BIOL3025 Evolutionary Genetics and Animal Behaviour. The content and nature of these components may vary from year to year. Some assessment will be in an alternative format to components of BIOL3025.

BIOL3026
Developmental Genetics
Credit points: 6
Teacher/Coordinator: Dr J Saleeba, Dr Mary Byrne.
Session: Semester 2
Classes: See BIOL3026. Prerequisites: Distinction average in 12 credit points from MBLG (2071/2971) and MBLG (2072/2972). For BMedSc students: 36 credit points of Intermediate BMED units including BMED2802. Prohibitions: BIOL3926 Assessment: 1x2 hr exam, assignments (100%)
This unit discusses the major concepts and current understanding of developmental biology with an emphasis on molecular genetics. The developmental genetics of model plant and animal systems, and approaches used to determine how a complex multicellular organism is established in a single cell, will be investigated. In particular, the molecular genetics development of model animal species, including invertebrates and vertebrates, and plant specific processes such as leaf, root and flower development will be covered. The study of mutants in development will be used to highlight pattern formation and the importance of regulated gene expression in development. Reference will be made to the use of modern techniques in developmental biology such as transgenics, recombinant DNA technology, and tissue-specific expression analysis. Various methods of genetic mapping will be covered. Practical work complements the theoretical aspects and develops important genetic skills.

BIOL3926
Developmental Genetics (Advanced)
Credit points: 6
Teacher/Coordinator: Dr J Saleeba
Session: Semester 2
Classes: See BIOL3926. Prerequisites: Distinction average in 12 credit points from MBLG (2071/2971), and MBLG (2072/2972). For BMedSc students: 36 credit points of Intermediate BMED units including Distinction in BMED2802. Prohibitions: BIOL3026 Assessment: 1x2 hr exam, assignments (100%)
Qualified students will participate in alternative components to BIOL3026 Developmental Genetics. The content and nature of these components may vary from year to year. Some assessment will be in an alternative format to components of BIOL3026.
The aim of the course is to give students an overall understanding of the fundamental biological mechanisms governing disease pathogenesis in human beings.

- To introduce students basic concepts of the pathogenesis, natural history and complications of common human diseases.
- To demonstrate and exemplify differences between normality and disease.
- To explain cellular aspects of certain pathological processes.

Together with CPAT3202, the unit of study would be appropriate for those who intend to proceed to Honours research, to professional degrees or to careers in biomedical areas such as hospital science. Together with CPAT3202, it fulfils the Pathology requirements for the Centre for Chiropractic at Macquarie University.

Textbooks

CPAT3202
Pathogenesis of Human Disease 2
Credit points: 6 Teacher/Coordinator: A/Prof Bob Bao Session: Semester 2 Classes: One 2 hour practical per week and one 2 hour museum practical.
Prerequisites: At least 6cp intermediate of one of the following: ANAT or BCHM or MBILG or BIOL or HPSC or MICR or PCOL or PHSI, or as the head of department determines.
Corequisites: CPAT3201 Assessment: One 2 hour exam (70%), Museum Practical Reports (30%).

The Pathogenesis of Human Disease 2 unit of study modules will provide a practical background to the scientific basis of the pathogenesis of disease. Areas covered in practical modules include disease specimen evaluation on a macroscopic and microscopic basis.

The aim of the course is to enable students to gain an understanding of how different organ systems react to injury and to apply basic concepts of disease processes.

- To equip students with skills appropriate for careers in the biomedical sciences and for further training in research or professional degrees.

At the end of the course students will:
- Have acquired practical skills in the use of a light microscope.
- Have an understanding of basic investigative techniques for disease detection in pathology.
- Be able to evaluate diseased tissue at the macroscopic and microscopic level.
- Have the ability to describe, synthesise and present information on disease pathogenesis.
- Transfer problem-solving skills to novel situations related to disease pathogenesis.

The unit of study would be appropriate for those who intend to proceed to Honours research, to professional degrees or to careers in biomedical areas such as hospital science. Together with CPAT3202, it fulfils the Pathology requirements for the Centre for Chiropractic at Macquarie University.

Textbooks

Chemical Engineering
The School of Chemical and Biomolecular Engineering is part of the Faculty of Engineering and Information Technologies. In addition to providing professional training in this branch of engineering it offers CHNG1103 Introduction to Material and Energy Transformations to students enrolled in the Faculty of Science. Details regarding this unit of study can be obtained from the Faculty of Engineering and Information Technologies Handbook. This unit of study is intended to give a science student some insight into the principles which control the design and performance of large scale industrial processing plants. Faculty of Science students are invited to enrol in any other chemical engineering unit of study, provided they have the appropriate prerequisites and have consulted with the Head of School.
Chemistry

Graduate Opportunities

There are many different employment opportunities for chemists including the chemical industry, government laboratories, the education sector, and corporate management. The industrial sector includes polymers, petrochemicals, pharmaceuticals, drug design and development, food and drink technologies, sports drug testing, computing, and scientific journalism. The emerging areas of biotechnology and nanoscience rely on chemical principles and employ large numbers of chemically trained scientists. The whole industrial sector is being transformed as it moves to a molecular level understanding of materials and embraces environmentally sustainable technologies through the use of ‘green chemistry’. Chemistry graduates are essential to the success of these transformations.

Course accreditation

Sydney Bachelor of Science graduates who hold a major in chemistry may be admitted as professional members of the Royal Australian Chemical Institute (RACI) and may become a “Chartered Chemist”.

Study plan for a major

First Year Junior units of study aim to provide students with an understanding of the molecular basis of the physical properties of materials, the reasons chemical reactions occur and the energy changes involved. Units are offered at different levels depending on whether chemistry was studied at the HSC level or equivalent and the results obtained. Second Year Intermediate core units Molecular Reactivity & Spectroscopy and Chemical Structure & Stability provide the mainstream chemistry essential for students planning to major in chemistry and other chemical-related sciences. Elective units in Forensic & Environmental Chemistry and in the Chemistry of Biological Molecules are also available. Third Year Senior units allow students to specialise in particular areas of chemistry and cover such areas as: biomolecules; organic structure and reactivity; materials; catalysis and sustainable processes; metal complexes in medicines and materials; synthetic medicinal chemistry; membranes, self-assembly and surfaces; and molecular spectroscopy and quantum theory.

Further study

Eligible students may apply for admission to a BSc Honours year in chemistry. The Honours year gives students the opportunity to get involved in a research program in an area that is of interest to them and provides training in research techniques and experience in using modern research instrumentation. It adds a new dimension to the skills that students have acquired during their undergraduate years. The research experience gained during the Honours year often leads students on to postgraduate study as a MSc or PhD research student. The MSc or PhD degree programs involve undertaking a major research project working under the supervision of a member of the academic staff.

Related Majors

Nanoscience, Medicinal Chemistry

Ask a question

enquiries@chem.usyd.edu.au

Junior units of study

Details on Chemistry Junior Units of Study is available at the Chemistry First Year website (http://firstyear.chem.usyd.edu.au). This information is also provided in a booklet: ‘Information for Students’, which is distributed to students at the time of enrolment, and is also available from the Chemistry First Year Office. The coordinator for all Junior Chemistry units of study is A/Prof Adam Bridgeman.

CHEM1001

Fundamentals of Chemistry 1A

Credit points: 6 Session: Semester 1 Classes: Three 1 hour lectures and one 1 hour tutorial per week; one 3 hour practical per week for 10 weeks. Prohibitions: CHEM1101, CHEM1901, CHEM1109, CHEM1903 Assumed knowledge: There is no assumed knowledge of chemistry for this unit of study, but students who have not undertaken an HSC chemistry course are strongly advised to complete a chemistry bridging course before lectures commence.

Assessment: Theory examination (40%), laboratory exercises and continuous assessment quizzes (40%). Practical field work: A series of 10 three-hour laboratory sessions, one per week for 10 weeks of the semester.

The aim of the unit of study is to provide those students whose chemical background is weak (or non-existent) with a good grounding in fundamental chemical principles together with an overview of the relevance of chemistry. There is no prerequisite or assumed knowledge for entry to this unit of study. Lectures: A series of 39 lectures, three per week throughout the semester.

Textbooks


CHEM1002

Fundamentals of Chemistry 1B

Credit points: 6 Session: Semester 2 Classes: Three 1 hour lectures and one 1 hour tutorial per week; one 3 hour practical per week for 10 weeks. Prerequisites: CHEM1001 or equivalent Prohibitions: CHEM1102, CHEM1108, CHEM1902, CHEM1904 Assessment: Theory examination (70%), laboratory exercises and continuous assessment quizzes (30%). Practical field work: A series of 10 three-hour laboratory sessions, one per week for 10 weeks of the semester.

CHEM1002 builds on CHEM1001 to provide a sound coverage of inorganic and organic chemistry. Lectures: A series of 39 lectures, three per week throughout the semester.

Textbooks


CHEM1101

Chemistry 1A

Credit points: 6 Session: Semester 1, Semester 2, Summer Main Classes: Three 1 hour lectures and one 1 hour tutorial per week; one 3 hour practical per week for 10 weeks. Prerequisites: CHEM (1001 or 1901) or a Distinction in CHEM1001 or equivalent Corequisites: Recommended concurrent units of study: 6 credit points of Junior Mathematics Prohibitions: CHEM1001, CHEM1109, CHEM1901, CHEM1903 Assumed knowledge: HSC Chemistry and Mathematics Assessment: Theory examination (70%), laboratory exercises and continuous assessment quizzes (30%). Practical field work: A series of 10 three-hour laboratory sessions, one per week for 10 weeks of the semester.

Chemistry 1A is built on a satisfactory prior knowledge of the HSC Chemistry course. Chemistry 1A covers chemical theory and physical chemistry. Lectures: A series of 39 lectures, three per week throughout the semester.

Textbooks


CHEM1102

Chemistry 1B

Credit points: 6 Session: Semester 1, Semester 2, Summer Main Classes: One 3 hour lecture and 1 hour tutorial per week; one 3 hour practical per week for 10 weeks. Prerequisites: CHEM (1101 or 1901) or a Distinction in CHEM1001 or equivalent Corequisites: Recommended concurrent units of study: 6 credit points of Junior Mathematics Prohibitions: CHEM1002, CHEM1108, CHEM1902, CHEM1904 Assessment: Theory examination (70%), laboratory exercises and continuous assessment quizzes (30%).

Chemistry 1B is built on a satisfactory prior knowledge of Chemistry 1A and covers inorganic and organic chemistry. Successful completion of Chemistry 1B is an acceptable prerequisite for entry into Intermediate Chemstry units of study. Lectures: A series of 39 lectures, three per week throughout the semester.

Textbooks


CHEM1108

Chemistry 1A Life Sciences

Credit points: 6 Session: Semester 1 Classes: Three 1 hour lectures and one 1 hour tutorial per week; one 3 hour practical per week for 10 weeks. Corequisites: Recommended concurrent units of study: 6 credit points of Junior Mathematics Prohibitions: CHEM1002, CHEM1102, CHEM1108, CHEM1902, CHEM1904 Assumed knowledge: HSC Chemistry and Mathematics Assessment: Theory examination (70%), laboratory exercises and continuous assessment quizzes

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Science units of study

CHEM109
Chemistry 1B Life Sciences

Credit points: 6 Session: Semester 2 Classes: Three 1-hour lectures and one 1-hour tutorial per week; one 3-hour practical per week for 10 weeks. Prerequisites: CHEM1108 Corequisites: Recommended concurrent units of study: 6 credit points of Junior Mathematics. Prohibitions: CHEM1001, CHEM1101, CHEM1901, CHEM1903 Assessment: Theory examination (70%), laboratory exercises and continuous assessment quizzes (30%)

Note: This unit of study is only available to students enrolled in the Bachelor of Medical Science, the Bachelor of Science (Molecular Biology and Genetics), the Bachelor of Science (Nutrition) and the Bachelor of Science (Molecular Biotechnology) only.

Lectures (39 hrs): A strong background in junior chemistry is essential for understanding molecular structures and processes. This unit of study provides the basis for understanding fundamental chemical processes and structures at an advanced level, with particular emphasis on how these apply to the life sciences. Topics to be covered include: atomic structure, chemical bonding and organic chemistry of functional groups with applications in life sciences.

Tutorials (12 hrs): These will provide aspects of problem solving relevant to the theory.

Textbooks
A booklist is contained in the booklet Junior Chemistry distributed at enrolment. Further information can be obtained from the School.

CHEM1902
Chemistry 1B (Advanced)

Credit points: 6 Session: Semester 2 Classes: Three 1-hour lectures and one 1-hour tutorial per week; one 3-hour practical per week for 10 weeks. Prerequisites: CHEM (1901 or 1903) or Distinction in CHEM1101 or equivalent Corequisites: Recommended concurrent unit of study: 6 credit points of Junior Mathematics. Prohibitions: CHEM1002, CHEM1102, CHEM1108, CHEM1904 Assessment: Theory examination (70%), laboratory exercises and continuous assessment quizzes (30%)

Note: Department permission required for enrolment.

Chemistry 1B (Advanced) is built on a satisfactory prior knowledge of Chemistry 1A (Advanced) and covers inorganic and organic chemistry. Successful completion of Chemistry 1B (Advanced) is an acceptable prerequisite for entry into Intermediate Chemistry units of study. Lectures: A series of about 39 lectures, three per week throughout the semester.

Textbooks

Intermediate units of study

The School of Chemistry offers a number of units of study for the differing needs and interests of students. The following 6 credit point units of study are offered: CHEM2401 Molecular Reactivity and Spectroscopy, CHEM2402 Chemical Structure and Stability.
CHEM2403 Chemistry of Biological Molecules, CHEM2404 Forensic and Environmental Chemistry, CHEM2911 Molecular Reactivity and Spectroscopy (Adv), CHEM2912 Chemical Structure and Stability (Adv), CHEM2915 Molecular Reactivity and Spectroscopy (SSP), CHEM2916 Chemical Structure and Stability (SSP). Note: The core Intermediate Chemistry units CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916) are prerequisites for all Senior Chemistry units of study.

CHEM2401
Molecular Reactivity and Spectroscopy
Credit points: 6 Teacher/Coordinator: Dr P J Rutledge Session: Semester 1 1Classes: Three 1-hour lectures per week, seven 1-hour tutorials per semester, eight 4-hour practicals per semester. Prerequisites: CHEM (1101 or 1901 or 1903) and CHEM (1102 or 1902 or 1904), 6 credit points of Junior Mathematics. Prohibitions: CHEM2201, CHEM2301, CHEM2302, CHEM2303, CHEM2901, CHEM2903, CHEM2911, CHEM2915 Assessment: One 3-hour examination, quizzes, lab reports (100%)
Note: This is a required chemistry unit of study for students intending to major in chemistry. Students who have passed CHEM(1001 or 1907 or 1908 or 1108) and CHEM (1002 or 1901 or 1109) may enroll in this unit after obtaining Departmental permission.

This is one of the two core units of study for students considering majoring in chemistry, and for students of other disciplines who wish to acquire a good general background in chemistry. The unit considers fundamental questions of molecular structure, chemical reactivity, and molecular spectroscopy: What are chemical reactions and what makes them happen? How can we follow and understand them? How can we exploit them to make useful molecules? This course includes the organic and medicinal chemistry of aromatic and carbonyl compounds, organic reaction mechanisms, molecular spectroscopy, quantum chemistry, and molecular orbital theory.

CHEM2911
Molecular Reactivity & Spectroscopy Adv
Credit points: 6 Teacher/Coordinator: Dr P J Rutledge Session: Semester 1 1Classes: Three 1-hour lectures per week, seven 1-hour tutorials per semester and eight 4-hour practicals per semester. Prerequisites: Credit average or better in CHEM (1101 or 1901 or 1903) and CHEM (1102 or 1902 or 1904), 6 credit points of Junior Mathematics. Prohibitions: CHEM2200, CHEM2201, CHEM2301, CHEM2302, CHEM2401, CHEM2502, CHEM2901, CHEM2903, CHEM2915 Assessment: One 3-hour examination, quizzes, lab reports (100%)

The syllabus for this unit is the same as that of CHEM2401 together with special Advanced material presented in the practical program. The lectures cover fundamental consideration of molecular electronic structure and its role in molecular reactivity and spectroscopy and include applications of spectroscopy, the organic chemistry of aromatic systems, molecular orbital theory and quantum chemistry. For more details of the lecture syllabus, please read the entry for CHEM2401.

CHEM2915
Molecular Reactivity & Spectroscopy SSP
Credit points: 6 Teacher/Coordinator: Dr P J Rutledge Session: Semester 2 1Classes: Three 1-hour lectures per week, twelve 1-hour SSP seminars per semester, eight 4-hour practicals per semester. Prerequisites: By invitation, High WAM and a Distinction average in CHEM (1101 or 1901) and CHEM (1102 or 1902 or 1904). 6 credit points of Junior Mathematics. Prohibitions: CHEM2201, CHEM2201, CHEM2301, CHEM2302, CHEM2401, CHEM2502, CHEM2901, CHEM2903, CHEM2911 Assessment: One 3-hour examination, quizzes, assignments, lab reports (100%)
Note: Department permission required for enrolment. Note: The number of places in this unit of study is strictly limited and entry is by invitation only. Enrolment is conditional upon available places.

The lectures for this unit comprise the lectures for CHEM2402 and the Advanced practical program together with additional SSP seminars comprising three seminar series on state of the art topics in chemistry (in 2010, these included chemical simulation, molecular nanomaterials and Palladium in organic synthesis).

CHEM2402
Chemical Structure and Stability
Credit points: 6 Teacher/Coordinator: Dr P J Rutledge Session: Semester 2 1Classes: Three 1-hour lectures per week, seven 1-hour tutorials per semester, eight 4-hour practicals per semester. Prerequisites: CHEM (1101 or 1901 or 1903) and CHEM (1102 or 1902 or 1904), 6 credit points of Junior Mathematics. Prohibitions: CHEM2202, CHEM2302, CHEM2902, CHEM2912, CHEM2916 Assessment: One 3-hour examination, quizzes, lab reports (100%)
Note: This is a required chemistry unit of study for students intending to major in chemistry. Students who have passed CHEM(1001 or 1907 or 1908 or 1108) and CHEM (1002 or 1901 or 1109) may enroll in this unit after obtaining Departmental permission.

This is the second core unit of study for students considering majoring in chemistry, and for students seeking a good general background in chemistry. The unit continues the consideration of molecular structure and chemical reactivity. Topics include the structure and bonding of inorganic compounds, the properties of metal complexes, materials chemistry and nanotechnology, thermodynamics and kinetics.

CHEM2912
Chemical Structure and Stability (Adv)
Credit points: 6 Teacher/Coordinator: Dr P J Rutledge Session: Semester 2 1Classes: Three 1-hour lectures per week, seven 1-hour tutorials per semester, eight 4-hour practicals per semester. Prerequisites: Credit average or better in CHEM (1101 or 1901 or 1903) and CHEM (1102 or 1902 or 1904), 6 credit points of Junior Mathematics. Prohibitions: CHEM2202, CHEM2302, CHEM2902, CHEM2916 Assessment: One 3-hour examination, quizzes, lab reports (100%)

The syllabus for this unit is the same as that of CHEM2402 together with special Advanced material presented in the practical program. The lectures include the properties of inorganic compounds and complexes, statistical thermodynamics, the chemistry of carbonyls, nucleophile organometallic reagents, and synthetic methods. For more details of the lecture syllabus, please read the entry for CHEM2402.

CHEM2916
Chemical Structure and Stability (SSP)
Credit points: 6 Teacher/Coordinator: Dr P J Rutledge Session: Semester 2 1Classes: Two 1-hour lectures per week, twelve 1-hour SSP seminars per semester, eight 4-hour practicals per semester. Prerequisites: By invitation, High WAM and a Distinction average in CHEM (1101 or 1901 or 1903) and CHEM (1102 or 1902 or 1904), 6 credit points of Junior Mathematics. Prohibitions: CHEM2202, CHEM2302, CHEM2902, CHEM2916 Assessment: One 3-hour examination, quizzes, assignments, lab reports (100%)
Note: Department permission required for enrolment. Note: The number of places in this unit of study is strictly limited and entry is by invitation only. Enrolment is conditional upon available places.

The lectures for this unit comprise the lectures for CHEM2402 and the Advanced practical program together with additional SSP seminars comprising three seminar series on state of the art topics in chemistry (in 2010, these included chemical simulation, molecular nanomaterials and Palladium in organic synthesis).

CHEM2404
Forensic and Environmental Chemistry
Credit points: 6 Teacher/Coordinator: Dr P J Rutledge Session: Semester 1 1Classes: Three 1-hour lectures per week, six 1-hour tutorials and five 4-hour practical sessions per semester. Prerequisites: 12 credit points of Junior Chemistry; 6 credit points of Junior Mathematics. Prohibitions: CHEM3107, CHEM3197 Assessment: One 3-hour examination, quizzes, lab reports (100%)
Note: To enroll in Senior Chemistry students are required to have completed CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). Students are advised that combinations of Intermediate Chemistry units that do not meet this requirement will generally not allow progression to Senior Chemistry.

The identification of chemical species and quantitative determination of how much of each species is present are the essential first steps in solving all chemical puzzles. In this course students learn analytical techniques and chemical problem solving in the context of forensic and environmental chemistry. The lectures on environmental chemistry cover atmospheric chemistry (including air pollution, global warming and ozone depletion), and water/soil chemistry (including bio-geochemical cycling, chemical speciation, catalysis and green
CHEM203
Chemistry of Biological Molecules
Credit points: 6 Teacher/Coordinator: Dr P.J. Rutledge Session: Semester 2 Classes: Three 1-hour lectures per week; six 1-hour tutorials per semester, five 4-hour practical sessions per semester. Prerequisites: 12 credit points of Junior Chemistry, 6 credit points of Junior Mathematics. Prohibitions: CHEM2001, CHEM3001, CHEM311, CHEM3203, CHEM2913 Assessment: One 3-hour examination, quizzes, lab reports (100%)
Note: To enrol in Senior Chemistry, students are required to have completed CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). Students are advised that combinations of Intermediate Chemistry units that do not meet this requirement will generally not allow progression to Senior Chemistry.

Life is chemistry, and this unit of study examines the key chemical processes that underlie all living systems. Lectures cover the chemistry of carbohydrates, lipids and DNA, the mechanisms of organic and biochemical reactions that occur in biological systems, chemical analysis of biological systems, the inorganic chemistry of metalloproteins, biominerisation, biopolymers and biocolloids, and the application of spectroscopic techniques to biological systems. The practical course includes the chemical characterisation of biopolymers, experimental investigations of iron binding proteins, organic and inorganic chemical analysis, and the characterisation of anti-inflammatory drugs.

Senior units of study
The School of Chemistry offers a choice of 6 credit point units of study to cater for the differing needs and interests of students. Each unit involves two lectures and 4 hours of lab each week.

CHEM3110
Biomolecules: Properties and Reactions
Credit points: 6 Session: Semester 1 Classes: Two 1-hour lectures and one 4-hour practical per week. Prerequisites: CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916). Prohibitions: CHEM3910 Assessment: One 2-hour exam, prac reports (100%)
DNA, proteins and carbohydrates represent three classes of essential biomolecules present in all biological systems. This unit will cover the structure, reactivity and properties of biomolecules and the building blocks from which these molecules are assembled. Interactions between biomolecules and metal ions, small molecules and other biomolecules will be covered and the chemical tools for studying biomolecules highlighted. The design and synthesis of small molecules which mimic the functions of biomolecules will also be illustrated.

CHEM3911
Organic Structure and Reactivity
Credit points: 6 Session: Semester 1 Classes: Two 1-hour lectures and one 4-hour practical per week. Prerequisites: CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916). Prohibitions: CHEM3911 Assessment: One 2-hour exam, prac reports (100%)
The structure and shape of organic molecules determines their physical properties, their reaction chemistry as well as their biological/medicinal activity. The determination of this structure and understanding its chemical consequences is of fundamental importance in chemistry, biochemistry, medicinal and materials chemistry. This course examines the methods and techniques used to establish the structure of organic molecules as well as the chemistry which dictates the shapes that they adopt. The first part of the course examines the use of modern spectroscopic methods (nuclear magnetic resonance spectroscopy, infrared spectroscopy and mass spectroscopy) which are used routinely to identify organic compounds. The second part of the course examines the chemical consequences of molecular shapes in more depth and looks at the inter-relationship between molecular shape and the processes by which bonds are made and broken (the reaction mechanism). An understanding of these processes allows the outcome of reactions to be predicted, which is an essential tool enabling the construction of complex molecules from simple starting materials.

CHEM3912
Organic Structure and Reactivity Adv
Credit points: 6 Session: Semester 1 Classes: Two 1-hour lectures, one 1-hour seminar and one 4-hour practical per week. Prerequisites: WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). Prohibitions: CHEM3911 Assessment: One 2-hour exam, prac reports (100%)
This course concerns the inorganic chemistry of solid-state materials: compounds that possess `infinite' bonding networks. The extended structure of solid materials gives rise to a wide range of important chemical, mechanical, electrical, magnetic and optical properties. Consequently such materials are of enormous technological significance as well as fundamental curiosity. In this course you will learn how chemistry can be used to design and synthesise novel materials with desirable properties. The course will start with familiar molecules such as C60 and examine their solid states to understand how the nature of chemical bonding changes in the solid state, leading to new properties such as electronic conduction. This will be the basis for a broader examination of how chemistry is related to structure, and how structure is related to properties such as catalytic activity,
mechanical strength, magnetism, and superconductivity. The symmetry of solids will be used explain how their structures are classified, how they can transform between related structures when external conditions such as temperature, pressure and electric field are changed, and how this can be exploited in technological applications such as sensors and switches. Key techniques used to characterise solid-state materials will be covered, particularly X-ray diffraction, microscopy, and physical property measurements.

**CHEM3912 Materials Chemistry (Adv)**

**Credit points:** 6; **Session:** Semester 1; **Classes:** Two 1-hour lectures, one 1-hour seminar and one 4-hour practical per week. **Prerequisites:** WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). **Prohibitions:** CHEM3112; **Assessment:** One 2-hour exam, written assignments, prac reports (100%)

This course concerns the inorganic chemistry of solid-state materials: compounds that possess ‘infinite’ bonding networks. The extended structure of solid materials gives rise to a wide range of important chemical, mechanical, electrical, magnetic and optical properties. Consequently, such materials are of enormous technological significance as well as fundamental curiosity. In this course you will learn how chemistry can be used to design and synthesise novel materials with desirable properties. The course will start with familiar molecules such as C60 and examine their solid states to understand how the nature of chemical bonding changes in the solid state, leading to new properties such as electronic conduction. This will be the basis for a broader examination of how chemistry is related to structure, and how structure is related to properties such as catalytic activity, mechanical strength, magnetism, and superconductivity. The symmetry of solids will be used explain how their structures are classified, how they can transform between related structures when external conditions such as temperature, pressure and electric field are changed, and how this can be exploited in technological applications such as sensors and switches. Key techniques used to characterise solid-state materials will be covered, particularly X-ray diffraction, microscopy, and physical property measurements. CHEM3912 students attend the same lectures as CHEM3312 students, but attend an additional advanced seminar series comprising one lecture a week for 12 weeks.

**CHEM3113 Catalysis and Sustainable Processes**

**Credit points:** 6; **Session:** Semester 1; **Classes:** Two 1 hour lectures and one 4 hour practical per week. **Prerequisites:** CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916). **Prohibitions:** CHEM3913; **Assessment:** One 2 hour exam, written assignments, prac reports (100%)

At present rates of consumption, the resources of 5 planets would be needed for everyone on earth to enjoy our standard of living. Since so much of our consumption and waste involves chemical processes in some way, more efficient chemical processes are needed in a sustainable tomorrow. Catalysis is and will increasingly be at the heart of these sustainable processes. This unit examines the fundamentals of catalysis and its use to design sustainable processes. The course will initially focus on the organometallic fundamentals in order to show how they can be used to understand and design homogeneous catalytic processes from a molecular perspective, which, in turn, leads on to biocatalytic conversions where the enzyme is treated like a large ligand with a special surface, pointing towards the surface chemistry involved in supported catalysts - the next topic. Within this general discussion, the special case of the three-dimensional surface found in zeotypes will be developed and the acid/base and redox catalysis (the mainstay of the majority of industrial processes) in such confined spaces of molecular dimensions will be examined. The course will continue with examining the production of polymers as an example of a major industrial process. An introduction on polymer chemistry and polymer properties will be given, followed by the examination of the various synthetic routes and processes that yield to the production of polymers. The recent advances in polymer synthesis and the design of new materials of improved properties and function will be reviewed. The last part of this section will explore the various approaches designed to improve the sustainability of polymer synthesis, in particular for the specific case of free radical polymerization, with an emphasis on the design of novel catalysts. The course will conclude by examining a variety of case studies. All the preceding topics find their way into the discussion of the key role of catalysts in the design of sustainable chemical processes, rationalizing the choices behind catalyst design.

**CHEM3913 Catalysis and Sustainable Process (Adv)**

**Credit points:** 6; **Session:** Semester 1; **Classes:** Two 1-hour lectures, one 1-hour practical and one 4-hour practical per week. **Prerequisites:** WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). **Prohibitions:** CHEM3113; **Assessment:** One 2-hour exam, written assignments, prac reports (100%)

At present rates of consumption, the resources of 5 planets would be needed for everyone on earth to enjoy our standard of living. Since so much of our consumption and waste involves chemical processes in some way, more efficient chemical processes are needed in a sustainable tomorrow. Catalysis is and will increasingly be at the heart of these sustainable processes. This unit examines the fundamentals of catalysis and its use to design sustainable processes. The course will initially focus on the organometallic fundamentals in order to show how they can be used to understand and design homogeneous catalytic processes from a molecular perspective, which, in turn, leads on to biocatalytic conversions where the enzyme is treated like a large ligand with a special surface, pointing towards the surface chemistry involved in supported catalysts - the next topic. Within this general discussion, the special case of the three-dimensional surface found in zeotypes will be developed and the acid/base and redox catalysis (the mainstay of the majority of industrial processes) in such confined spaces of molecular dimensions will be examined. The course will continue with examining the production of polymers as an example of a major industrial process. An introduction on polymer chemistry and polymer properties will be given, followed by the examination of the various synthetic routes and processes that yield to the production of polymers. The recent advances in polymer synthesis and the design of new materials of improved properties and function will be reviewed. The last part of this section will explore the various approaches designed to improve the sustainability of polymer synthesis, in particular for the specific case of free radical polymerization, with an emphasis on the design of novel catalysts. The course will conclude by examining a variety of case studies. All the preceding topics find their way into the discussion of the key role of catalysts in the design of sustainable chemical processes, rationalizing the choices behind catalyst design. CHEM3913 students attend the same lectures as CHEM3113 students, but attend an additional advanced seminar series comprising one lecture a week for 12 weeks.

**CHEM3114 Metal Complexes: Medicine and Materials**

**Credit points:** 6; **Session:** Semester 2; **Classes:** Two 1 hour lectures and one 4 hour practical per week. **Prerequisites:** CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916). **Prohibitions:** CHEM3914; **Assessment:** One 2-hour exam, written assignments, prac reports (100%)

Coordination compounds, with bonds between a central metal atom and surrounding ligands, play critical roles in biology, biochemistry and medicine, controlling the structure and function of many enzymes and their metabolism. They play similarly vital roles in many industrial processes and in the development of new materials with specifically designed properties. Building on the foundation of crystal field theory, this course offers a comprehensive treatment of the structures and properties of coordination compounds, with a qualitative molecular orbital description of metal-ligand bonds, and their spectroscopic, magnetic and dynamic effects. The exploitation of these properties in medicine and materials will be emphasized. Medical topics include descriptions of the essential and toxic elements of the Periodic Table, metal complexes as anti-bacterial, anti-inflammatory and anti-cancer drugs, and their uses in imaging and radiotherapeutic agents. Materials topics include metal directed self assembly into unique structures, ligand design and control of the synthesis of nanoporous structures, ligand design and control of the synthesis of nanoporous
materials with new electronic and magnetic properties and applications in catalysis and molecular separations.

CHEM3914
Metal Complexes: Medic. & Mater. (Adv)
Credit points: 6 Session: Semester 2 Classes: Two 1-hour lectures, one 1-hour seminar and one 4-hour practical per week. Prerequisites: WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). Prohibitions: CHEM3114 Assessment: One 2-hour exam, written assignments, prac reports (100%)

Coordination compounds, with bonds between a central metal atom and surrounding ligands, play critical roles in biology, biochemistry and medicine, controlling the structure and function of many enzymes and their metabolism. They play similarly vital roles in many industrial processes and in the development of new materials with specifically designed properties. Building on the foundation of crystal field theory, this course offers a comprehensive treatment of the structures and properties of coordination compounds, with a qualitative molecular orbital description of metal-ligand bonds, and their spectroscopic, magnetic and dynamic effects. The exploitation of these properties in medicine and materials will be emphasized. Medical topics include descriptions of the essential and toxic elements of the Periodic Table, metal complexes as anti-bacterial, anti-inflammatory and anti-cancer drugs, and their use as tumour imaging and radiotherapeutic agents. Materials topics include metal directed self assembly into unique structures, ligand design and control of the synthesis of nanoporous materials with new electronic and magnetic properties and applications in catalysis and molecular separations. CHEM3914 students attend the same lectures as CHEM3114 students, but attend an additional advanced seminar series comprising one lecture a week for 12 weeks.

CHEM3115
Synthetic Medicinal Chemistry
Credit points: 6 Session: Semester 2 Classes: Two 1-hour lectures and one 4-hour practical per week. Prerequisites: CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916). Prohibitions: CHEM3915 Assessment: One 2-hour exam, written assignments, prac reports (100%)
The development of new pharmaceuticals fundamentally relies on the ability to design and synthesize new compounds. Synthesis is an enabling discipline for medicinal chemistry - without it, the development of new drugs cannot progress from design to implementation, and ultimately to a cure. This unit will tackle important factors in drug design, and will highlight the current arsenal of methods used in the discovery of new drugs, including rational drug design, high throughput screening and combinatorial chemistry. We will develop a logical approach to planning a synthesis of a particular target structure. The synthesis and chemistry of heterocycles, which comprise some 40% of all known organic compounds and are particularly common in pharmaceuticals, will be outlined. Examples will include important ring systems present in biological systems, such as pyrimidines and purines (DNA and RNA), imidazole and thiazole (amino acids and vitamins) and porphyrins (natural colouring substances and oxygen carrying component of blood). Throughout the course, the utility of synthesis in medicinal chemistry will be illustrated with case studies such as anti-influenza (Relenza), anaesthetic (benzocaine), anti-inflammatory (Vioxx), antihypertensive (pinacidil) and cholesterol-lowering (Lovastatin) drugs.

CHEM3915
Synthetic Medicinal Chemistry (Adv)
Credit points: 6 Session: Semester 2 Classes: Two 1-hour lectures, one 1-hour seminar and one 4-hour practical per week. Prerequisites: WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). Prohibitions: CHEM3115 Assessment: One 2 hour exam, written assignments, prac reports (100%)
The development of new pharmaceuticals fundamentally relies on the ability to design and synthesize new compounds. Synthesis is an enabling discipline for medicinal chemistry - without it, the development of new drugs cannot progress from design to implementation, and ultimately to a cure. This unit will tackle important factors in drug design, and will highlight the current arsenal of methods used in the discovery of new drugs, including rational drug design, high throughput screening and combinatorial chemistry. We will develop a logical approach to planning a synthesis of a particular target structure. The synthesis and chemistry of heterocycles, which comprise some 40% of all known organic compounds and are particularly common in pharmaceuticals, will be outlined. Examples will include important ring systems present in biological systems, such as pyrimidines and purines (DNA and RNA), imidazole and thiazole (amino acids and vitamins) and porphyrins (natural colouring substances and oxygen carrying component of blood). Throughout the course, the utility of synthesis in medicinal chemistry will be illustrated with case studies such as anti-influenza (Relenza), anaesthetic (benzocaine), anti-inflammatory (Vioxx), antihypertensive (pinacidil) and cholesterol-lowering (Lovastatin) drugs.

CHEM3116
Membranes, Self Assembly & Surfaces
Credit points: 6 Session: Semester 2 Classes: Two 1-hour lectures and one 4-hour practical per week. Prerequisites: CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916). Prohibitions: CHEM3116 Assessment: One 2-hour exam, written assignments, prac reports (100%)
Away from the covalent and ionic interactions that hold molecules and solids together is the world of fragile objects - folded polymers, membranes, surface adsorption and stable molecular aggregates - held together by weak forces such as van der Waals and the hydrophobic effect. The use of molecules rather than atoms as building blocks means that there are an enormous number of possibilities for stable aggregates with interesting chemical, physical and biological properties, many of which still wait to be explored. In this course we will examine the molecular interactions that drive self assembly and the consequences of these interactions in supramolecular assembly, lipid membrane formations and properties, microemulsions, polymer conformation and dynamics and range of fundamental surface properties including adhesion, wetting and colloidal stability.

CHEM3916
Membranes, Self Assembly & Surfaces(Adv)
Credit points: 6 Session: Semester 2 Classes: Two 1 hour lectures, one 1 hour seminar and one 4 hour practical per week. Prerequisites: WAM of 65 or greater and a Credit or better in: CHEM (2401 or 2911 or 2915) and CHEM (2402 or 2912 or 2916). Prohibitions: CHEM3916 Assessment: One 2 hour exam, written assignments, prac reports (100%)
Away from the covalent and ionic interactions that hold molecules and solids together is the world of fragile objects - folded polymers, membranes, surface adsorption and stable molecular aggregates - held together by weak forces such as van der Waals and the hydrophobic effect. The use of molecules rather than atoms as building blocks means that there are an enormous number of possibilities for stable aggregates with interesting chemical, physical and biological properties, many of which still wait to be explored. In this course we examine the molecular interactions that drive self assembly and the consequences of these interactions in supramolecular assembly, lipid membrane formations and properties, microemulsions, polymer conformation and dynamics and range of fundamental surface properties including adhesion, wetting and colloidal stability.

CHEM3117
Molecular Spectroscopy & Quantum Theory
Credit points: 6 Session: Semester 2 Classes: Two 1-hour lectures and one 4-hour practical per week. Prerequisites: CHEM(2401 or 2911 or 2915) and CHEM(2402 or 2912 or 2916). Prohibitions: CHEM3117 Assessment: One 2-hour exam, written assignments, prac reports (100%)
This course will cover the fundamentals of molecular spectroscopy as a modern research tool and as a theoretical basis with which to understand everyday phenomena. This course is aimed at the student wishing a rigorous understanding of the fabric of nature – electronic
structure -- and the interaction between light and matter. The course teaches the quantum theory needed to understand spectroscopic phenomena (such as the absorption of light) at the empirical and deeper levels. A student completing this course will take with him/her an understanding of spectroscopy as both a phenomenon and a research tool. The course teaches application and theory, with descriptions of applied spectroscopic techniques. Alongside the coverage of modern spectroscopy, the course provides an accessible treatment of the science behind vision, flames, solar cells and photochemical smog.

CHEM3917
Mol. Spectroscopy & Quantum Theory (Adv)
Credit points: 6 Session: Semester 2 Classes: Two 1-hour lectures, one 1-hour seminar and one 4-hour practical per week. Prerequisites: UAI (or ATAR equivalent) of at least 90, or COSC1902, or a distinction or better in COSC1002, INFO1003 or INFO1903. Prohibitions: COSC1001 Assumed knowledge: HSC Mathematics Assessment: One assignment, practical work, including practical exams, theory exam (100%)

This course will cover the fundamentals of molecular spectroscopy as a modern research tool and as a theoretical basis with which to understand everyday phenomena. This course is aimed at the student wishing a rigorous understanding of the fabric of nature -- electronic structure -- and the interaction between light and matter. The course teaches the quantum theory needed to understand spectroscopic phenomena (such as the absorption of light) at the empirical and deeper levels. A student completing this course will take with him/her an understanding of spectroscopy as both a phenomenon and a research tool. The course teaches application and theory, with descriptions of applied spectroscopic techniques. Alongside the coverage of modern spectroscopy, the course provides an accessible treatment of the science behind vision, flames, solar cells and photochemical smog. CHEM3917 students attend the same lectures as CHEM3117 students, but attend an additional advanced seminar series comprising one lecture a week for 12 weeks.

Civil Engineering
The School of Civil Engineering is part of the Faculty of Engineering and Information Technologies. In addition to providing professional training in this branch of engineering it offers units of study to students enrolled in the Faculty of Science majoring in Mathematics, Physics, Chemistry, Geology, Computer Science or Soil Science. The most relevant units of study are CIVL2201 - Structural Mechanics, CIVL2230 - Introduction to Structural Concepts and Design, CIVL2410 Soil Mechanics, and CIVL2611 Fluid Mechanics. Details regarding these units of study can be obtained from the Faculty of Engineering and Information Technologies Handbook. These units of study are intended first to demonstrate the application of scientific principles in an engineering context. The second intention is to introduce the application of this understanding to analysis and design in civil engineering. As well as the above units of study, Faculty of Science students are invited to enrol in other civil engineering units of study, provided they have the appropriate pre-requisites and assumed knowledge.

Computational Science
Coordinator
Dr Mike Wheatland

Junior units of study
COSC1001
Computational Science in Matlab
Credit points: 3 Session: Semester 2 Classes: One 1-hour lecture and one 2-hour practical per week. Prohibitions: COSC1901 Assumed knowledge: HSC Mathematics Assessment: One assignment, practical work, including practical exams, theory exam (100%)

This unit of study focuses on scientific problem solving and data visualisation using computers and is complementary to COSC1002. Students will learn how to solve problems arising in the natural sciences and mathematics using core features of the problem solving environment MATLAB, with a choice of problems from various areas of science at each stage. Emphasis will be placed on graphical display and visualisation of data and solutions to problems. No previous knowledge of programming is assumed.

COSC1901
Computational Science in Matlab (Adv)
Credit points: 6 Session: Semester 2 Classes: Two 1-hour lectures, one 2-hour practical per week. Prerequisites: UAI (or ATAR equivalent) of at least 90, or COSC1902, or a distinction or better in COSC1002, INFO1003 or INFO1903. Prohibitions: COSC1001 Assumed knowledge: HSC Mathematics Assessment: One assignment, practical work, including practical exams, theory exam (100%)

This unit of study focuses on scientific problem-solving using computers and is complementary to COSC1001. Students will learn how to solve problems arising in the natural sciences and mathematics using core features of the language C, with a choice of problems from various areas of science at each stage. No previous knowledge of programming is assumed.

COSC1002
Computational Science in C
Credit points: 3 Session: Semester 2 Classes: One 1-hour lecture and one 2-hour practical per week. Prerequisites: UAI (or ATAR equivalent) of at least 90, or COSC1901, or a distinction or better in COSC1001, INFO1003 or INFO1903. Prohibitions: COSC1002 Assumed knowledge: HSC Mathematics Assessment: One assignment, practical work, including practical exams, theory exam (100%)

This unit of study focuses on scientific problem-solving using computers and is complementary to COSC1001. Students will learn how to solve problems arising in the natural sciences and mathematics using core features of the language C, with a choice of problems from various areas of science at each stage. No previous knowledge of programming is assumed.

COSC1902
Computational Science in C (Adv)
Credit points: 6 Session: Semester 2 Classes: Two 1-hour lectures and one 2-hour practical per week. Prerequisites: UAI (or ATAR equivalent) of at least 90, or COSC1901, or a distinction or better in COSC1001, INFO1003 or INFO1903. Prohibitions: COSC1002 Assumed knowledge: HSC Mathematics Assessment: One assignment, practical work, including practical exams, theory exam (100%)

This unit of study focuses on scientific problem-solving using computers and is complementary to COSC1001. Students will learn how to solve problems arising in the natural sciences and mathematics using core features of the language C, with a choice of problems from various areas of science at each stage. No previous knowledge of programming is assumed.

Senior units of study
For a major in Computational Science, the minimum requirement is 24 credit points chosen from the core or elective senior units of study for this subject area, of which at least 12 credit points must be from the following core senior units of study: COSC3011 Scientific Computing; COSC3911 Scientific Computing (Advanced); MATH3075 Mathematical Computing*; MATH3976 Mathematical Computing (Advanced)*. For Senior elective units see Table 1.

Notes
* Refer to Mathematics listing in this chapter for descriptions of these units of study. Senior elective units of study for a major in Computational Science are listed in Table 1.

COSC3011
Scientific Computing
Credit points: 6 Session: Semester 2 Classes: Two 1-hour lectures and one 3-hour practical per week. Prerequisites: 12 credit points chosen from Junior Mathematics and Statistics, 12 credit points of Intermediate units in Science subject areas. Prohibitions: COSC3911, COSC3001, COSC3901, PHYS3301, PHYS3901 Assumed knowledge: Programming experience in MATLAB. Assessment: Assignments, lab, project work and written exam (100%)

This unit of study provides a senior-level treatment of scientific problem solving using computers. Students will understand and apply a wide range of numerical schemes for solving ordinary and partial differential equations. Linear algebra is used to provide detailed insight into stability analysis, relaxation methods, and implicit integration. A variety of scientific problems are considered, including planetary motion,
population demographics, heat diffusion, traffic flow and quantum mechanics. All coding is performed with MATLAB, and basic programming experience is assumed.

Textbooks

COSC3911
Scientific Computing (Advanced)
Credit points: 6  
Session: Semester 2  
Classes: Two 1-hour lectures and one 3-hour practical per week. Prerequisites: 12 credit points chosen from Junior Mathematics and Statistics. 12 credit points of Intermediate units in Science subject areas with a credit average. Prohibitions: COSC3011, COSC3001, COSC3901, PHYS3301, PHYS3901  
Assumed knowledge: Programming experience in MATLAB.  
Assessment: Assignments, lab, project work and written exam (100%).

This unit is the Advanced version of COSC3011. The subject matter is very similar, but more challenging problems will be covered.

Textbooks

MATH3076
Mathematical Computing
Credit points: 6  
Session: Semester 1  
Classes: Three 1 hour lectures and one 1 hour laboratory per week. Prerequisites: 12 credit points of Intermediate Mathematics and one of MATH1001 or 1903 or 1903 or 1906 or 1907  
Prohibitions: MATH3976, MATH3016, MATH3916  
Assessment: One 2 hour exam, assignments, quizzes (100%).

This unit of study provides an introduction to Fortran 95 programming and numerical methods. Topics covered include computer arithmetic and computational errors, systems of linear equations, interpolation and approximation, solution of nonlinear equations, quadrature, initial value problems for ordinary differential equations and boundary value problems.

MATH3976
Mathematical Computing (Advanced)
Credit points: 6  
Teacher/Coordinator: Dr D J Ivers  
Session: Semester 1  
Classes: Three 1 hour lectures and one 1 hour tutorial per week. Prerequisites: 12 credit points of Intermediate Mathematics and one of MATH(1903 or 1907) or Credit in MATH1003  
Prohibitions: MATH3076, MATH3016, MATH3916  
Assessment: One 2 hour exam, assignments, quizzes (100%).

See entry for MATH3076 Mathematical Computing.

Electrical Engineering
The School of Electrical and Information Engineering is part of the Faculty of Engineering and Information Technologies. In addition to providing professional training in this branch of engineering it offers many units of study that are available to students enrolled in the Faculty of Science. Details regarding these units of study can be obtained from the Faculty of Engineering and Information Technologies Handbook or from the school website: www.ee.usyd.edu.au/ugrad

Environmental Studies
Environmental Studies is the examination of the human interactions with the natural and built environment. It encapsulates the fundamental social aspects of sustainability, environmental impact, law, ethics, development, energy use, economics and politics. In order to properly cover this material, the ENVI units are taught by various staff from within the Faculties of Science, Architecture and Law. Consequently, the ENVI units are complimentary to studies not only in the physical and natural Science disciplines but also to the social disciplines.

Obtaining a major in Environmental studies
A major in Environmental Studies constitutes the completion of 24 credit points of Senior units as listed in Table 1, including at least 12 credit points of Senior ENVI units of study listed below. Study of at least one Intermediate ENVI unit is highly recommended.

ENVI2111
Conservation Biology and Applied Ecology
Credit points: 6  
Teacher/Coordinator: Dr C Taylor  
Session: Semester 1  
Classes: 2x1 hr lectures/week, 1x2 hr practical/week, 1x2 day field trip during the semester. Prerequisites: BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MLBG/EDUH). 12 credit points of Junior Chemistry.  
Prohibitions: ENVI2911  
Assessment: 1x2 hr exam, 1 field report, 1 review paper, a group presentation (100%).

This topic examines the role of conservation biology and applied ecology in environmental science, examining pattern and process in natural systems and evaluating how these processes are affected by pervasive anthropogenic impacts. Focusing on the conservation, assessment of impacts and the restoration of natural systems, we consider the range of ecological issues environmental scientists must address. We examine the extent of environmental problems; derive explanations of why and how they are occurring and address management options for resolving them. We will derive general principles for these by addressing case studies, chosen from Australian examples when possible. The aim of this unit is for you to understand the processes that go into solving environmental problems from an ecological perspective and how to identify management options.

ENVI2911
Credit points: 6  
Teacher/Coordinator: Dr Charlotte Taylor  
Session: Semester 1  
Classes: 2x1 hr lectures/week, 1x2 hr practical/week, 1x2 day field trip during the semester. Prerequisites: Distinction average in BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MLBG/EDUH). 12 credit points of Junior Chemistry. These requirements may be varied and students with lower averages should consult the Unit Executive Officer.  
Prohibitions: ENVI2111.  
Assessment: 1x2 hr exam, 1 field report, 1 independent research report, 1 oral presentation (100%).

Qualified students will participate in alternative components of ENVI2111, Conservation Biology, including an independent research project.

Textbooks

GEOSS2121
Environmental and Resource Management
Credit points: 6  
Teacher/Coordinator: Dr Dan Penny, A/Prof Phil McManus  
Session: Semester 2  
Classes: Two 1 hour lectures per week, 6 one hour tutorials and 6 two hour practical, one fieldtrip  
Prerequisites: 24 credit points of junior units of study, including 6 credit points of Junior Geoscience or ECOQ1001 or ECOQ1002  
Prohibitions: GEOSS2921  
Assessment: One 2 hour exam, two tutorial/practical class papers, one fieldtrip report, one lab report (100%).

This unit of study explores cultural constructions of nature and resources, the evolution of environmental thought and the debates about sustainable development and climate change. It integrates environmental, economic, cultural and social considerations in respect to natural resource management in Australia and across Southeast Asia. The environmental considerations extend to an understanding of climatic responses over the long term that provide constraints on resource management today, and how these responses are projected to vary in future. These environmental constraints include air, land, vegetation and water resources and are examined in relation to current issues driving contemporary debate on the politics of climate change that must now be considered in environmental management and competition for resources. The principles are brought to life through a fieldtrip to the Hunter Valley to look at geographical issues pertaining to mines, wines and the thoroughbred breeding industries in this region. The unit of study enables students to learn about the social, cultural and environmental considerations that must be taken into account when developing and implementing environmental and resource management policies in climate-change society.
GEOS2921
Environmental & Resource Management Adv
Credit points: 6 Teacher/Coordinator: Dr Dan Periny, A/Prof Phil McManus
Session: Semester 2 Classes: Two 1 hour lectures, one 1 hour tutorial per week and one fieldtrip. Prerequisites: 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECOP1001 or ECOP1002. This requirement may be varied and students should consult the unit of study coordinator. Prohibitions: GEOS2421, GEOL2022, GEOS2121 Assessment: One 2 hour exam, one media report, one tutorial / practical class paper, one fieldtrip report (100%)

Advanced students will complete the same core lecture materials as for GEOS2121 but are required to complete an essay in place of the regular tutorial reports prepared in GEOS2121.

ENV3111
Environmental Law and Ethics
Credit points: 6 Teacher/Coordinator: Ms Leta Webb Session: Semester 1 Classes: Two 2 hour lectures per week. Prerequisites: 12 credit points of Intermediate Science or Agriculture units. Prohibitions: ENVI3001, ENVI3003
Assumed knowledge: Intermediate Environmental Science. Assessment: Essays, tutorial papers (100%)

This unit of study covers topics in environmental law and ethics. The environmental law component provides an overview of laws in Australia pertaining to environmental matters and looks at a number of environmental issues at the various levels of analysis, policy making, implementation of policy, enforcement, and dispute resolution. It also provides a broad background to the political and economical issues as they relate to the legal issues involved. It also examines international environmental law, particularly examining how these influence and affect our local policies. The ethics component helps students develop thoughtful and informed positions on issues in environmental ethics using arguments derived from traditional ethics as well as environmentally specific theories. Ethical conflicts are often inevitable and difficult to resolve but using the resources of philosophical ethics and regular reference to case studies, students can learn to recognize the value and considerations at stake in such conflicts, acknowledge differing viewpoints and defend their own well considered positions.

ENV3112
Environmental Assessment
Credit points: 6 Teacher/Coordinator: Dr John Dee Session: Semester 2 Classes: Two 2 hour lectures per week. Prerequisites: 12 credit points of Intermediate Science or Agriculture units. Prohibitions: ENVI3002, ENVI3004
Assumed knowledge: Intermediate Environmental Science. Assessment: Essays, tutorial papers, report (100%)

This unit of study is composed of two components: environmental impact assessment and risk assessment. The former is generally concerned with issues related to environmental impact assessment and builds toward the process of producing an EIS/EIA. More specifically it seeks to establish a critical understanding of the theory and practice of environmental impact studies/statements (EIS) and environmental impact assessment processes (EIA) from both the positive (scientific) and normative (value) perspectives. Emphasis is placed on gaining skills in writing and producing an assessment report, which contains logically ordered and tightly structured argumentation that can stand rigorous scrutiny by political processes, the judiciary, the public and the media. The risk assessment component considers a more chemical approach to the assessment of risk and issues of safety with respect to chemicals, ecotoxicology and the environment. It draws on current environmental management practice to investigate what constitutes risk and to demonstrate how risk may be managed.

ENV3114
Energy and the Environment
Credit points: 6 Teacher/Coordinator: Dr Chris Dey Session: Semester 2 Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prerequisites: 12 credit points of Intermediate Science or Agriculture units. Prohibitions: ENVI3001, PHYS3600
Assumed knowledge: Junior Physics or Intermediate Environmental Science. Assessment: Essays, tutorial papers and presentation, and short test (100%)

This unit covers the following aspects of energy and the environment: energy resources and use; electrical power generation including alternate methods such as wind turbines; the environmental impact of energy use and power generation including the enhanced greenhouse effect; transportation and pollution; energy management in buildings; solar thermal energy, photovoltaics, and nuclear energy; and, socio-economic and political issues related to energy use and power generation.

GEOS3513
Regional Development and Environment
Credit points: 6 Teacher/Coordinator: A/Prof Bill Pritchard, Dr Michael Harris Session: Semester 1 Classes: 2 hours of lectures per week and 2 hours of tutorials/practicals per week. Prerequisites: 24 credit points of intermediate and/or senior units of study including 6 credit points of Intermediate units of study in Geography. Prohibitions: ENVI3113, GEOS3511, GEOS3911, GEOS3913
Assessment: Two in-class tests, one 1500 word essay, one GIS report (100%)

This unit of study acquaints students with debates and tools associated with regional development and the economic analysis of environmental issues. It provides a useful preparation for professional employment in the field of regional development, environmental policy and management, and is relevant for students interested in economic and social issues in regional Australia. Co-taught by a geographer and an economist, the unit addresses four key areas of relevance: (i) regional development theory and practice; (ii) the economics of efficiently utilising and managing the environment; (iii) debates on regional development in Australia (including consideration of the farm sector, Indigenous communities and environmental sustainability), and (iv) the use of GIS to analyse population census date. The unit requires no prior knowledge of economic theory or GIS software.

GEOS3913
Regional Development & Environment (Adv)
Credit points: 6 Teacher/Coordinator: A/Prof Bill Pritchard Session: Semester 1 Classes: 2 hours of lectures per week and 2 hours of tutorials/practicals per week. Prerequisites: 24 credit points of intermediate and/or senior units of study including 6 credit points of Intermediate units of study in Geography with a grade of Credit or better. Prohibitions: ENVI3113, GEOS3511, GEOS3513, GEOS3911
Assessment: In-class tests, essay, report (100%)

This unit of study is a more advanced version of GEOS3513. It includes more challenging assessment tasks.

Financial Mathematics and Statistics
This is an interdisciplinary major offered in the Faculty of Science consisting of several core units and a number of elective units from mathematics, statistics and information technologies. The program is designed to meet the need for high level quantitative and modelling skills in the banking, insurance, stockbroking and finance industries without constraining students to a full major in mathematics or statistics. Graduates with specifically strong mathematical and statistics backgrounds are in very high demand. The core units Optimisation and Financial Mathematics (MATH2070/2970) and Financial Mathematics (MATH3075/3975) are the backbone of the program and introduce the student to important financial concepts within a mathematical and statistical framework. The core mathematics and statistics units provide the technical base that is required by a quantitative analyst, while the elective units offer the student increased flexibility and additional opportunities to develop related skills. Students completing the program at the Advanced Level may continue into Fourth Year Honours where a number of further Financial Mathematics and Statistics units are on offer. It is envisaged that students completing the Honours program will not only be highly trained in quantitative finance, but also be well prepared for active research in the field. Students should refer to Table 1 for an enrolment guide and to entries under the contributing Schools for units of study descriptions.
Geosciences

The School of Geosciences offers units of study in the discipline areas of Geography, Geology and Geophysics. Students may take a major in either of these disciplines, and many Geoscience units are key components of the Environmental Studies, marine Geoscience and Marine Science majors. The junior units GEOS1001, GEOS1002 and GEOS1003 provide a comprehensive introduction to both Geography and Geology and Geophysics. A major can be included within many undergraduate degree programs, including the Bachelors of Science, Arts, Liberal Studies, Liberal Arts and Sciences, Arts and Sciences, Science and Technology, Economics and Social Sciences.

Geography

Geography is the study of earth as the home of people. As the need to find solutions to issues of environmental sustainability, population change and globalisation have become more challenging, the skills and knowledge of geographers have come to the forefront. Students of Geography are interested in their world, and are taught to think critically about the relationships between people, environments and places. The knowledge and skills gained from studying Geography at the University of Sydney provide a launch pad to a professional career in an array of fields including environmental management, planning, overseas development and consulting research. Our Geography program has strong linkages with various national and international organisations that provide pathways for further studies at Honours and post-graduate levels, and into the work force. It differs from High School Geography in that it provides more opportunities for independent learning, introduces new techniques and skills, offers flexibility for you to follow your interests and is tailored to real world events and issues.

Geology and Geophysics

Geology and Geophysics provides a unifying context for understanding the surface and internal planetary processes that determine how the earth functions as a system. Global climate change, an increasing population and shrinking mineral and energy resources have heightened our sense of dependence on our earth's complex natural systems and increased our need to understand the dynamic structural relationships between the continents and oceans which provide the physical habitat for the earth's various ecosystems. Geology and Geophysics provides students with an understanding of change on Earth, its origin, plate tectonics, surface processes, evolution of life and geologic time. Intermediate units critically analyse the relationships between people and physical processes/f eatures and the ways in which they interact. The Unit of Study provides an overarching introduction to the physical and human processes produced, behave and interact. The Unit focuses on the physical and human processes that generate spatial variation and difference, as well as tracing the interactions between these processes. It includes an investigation of Earth's surface features, exploring the distribution of select landforms across Earth and interpreting their evolutionary histories. Several landscapes will be examined, such as those formed by rivers, wind, and glaciers. But physical landscapes evolve under the influence of and affect human operations. Therefore, the Unit of Study will also consider the political, economic, cultural and urban geographies that shape contemporary global society. Each of these themes will be discussed with reference to key examples (such as Hurricane Katrina, the Kashmir Earthquake, the conflict in Darfur, and sea-level rise in the Pacific), in order to consider the ways in which the various processes (both physical and human) interact. The Unit of Study will also include a short field trip to localities surrounding the university to observe processes of spatial change and conflict. The Unit of Study is designed to attract and interest students who wish to

Further information

Further information is available at www.geosci.usyd.edu.au, as well as in the Geosciences' student handbook available from the School’s administrative office.

Geosciences junior units of study

Students are encouraged to commence their studies of Geography, Geology and Geophysics, Environmental Studies or Marine Science by enrolling in GEOS1001 (Earth, Environment and Society) (February semester). This unit of study provides an overarching introduction to issues and themes taught across the School of Geosciences. In the second (July) semester, students intending to major in Geography should enroll in GEOS1002 (Introductory Geography); students intending to major in Geology and Geophysics or Marine Geoscience should enroll in GEOS1003 (Introduction to Geology). Entry into any of these units of study does not require any prior knowledge.

GEOS1001

Earth, Environment and Society

Credit points: 6
Teacher/Coordinator: Dr Tom Hubble, Dr Jody Webster, A/Prof Bill Pritchard
Session: Semester 1
Classes: Two 1 hour lectures and one 2 hour practical per week.
Prohibitions: GEOS1901, GEOG1001, GEOL1002, GEOL1001, GEOL1002, GEOG1902
Assessment: One 2 hour exam, 2000 word essay, field and prac reports (100%)

This is the gateway unit of study for Human Geography, Physical Geography and Geology. Its objective is to introduce the big questions relating to the origins and current state of the planet: climate change, environment, landscape formation, and the growth of the human population. During the semester you will be introduced to knowledge, theories and debates about how the world's physical and human systems operate. The first module investigates the systems of global environmental change, specifically addressing climate variability and human impacts on the natural environment. The second module presents Earth as an evolving and dynamic planet, investigating how changes take place, the rate at which they occur and how they have the potential to dramatically affect the way we live. Finally, the third module, focuses on human-induced challenges to Earth's future. This part of the unit critically analyses the relationships between people and their environments, with central consideration to debates on population change and resource use.

GEOS1002

Introductory Geography

Credit points: 6
Teacher/Coordinator: Dr Kurt Iveson
Session: Semester 2
Classes: Two 1 hour lectures and one 2 hour practical per week.
Prohibitions: GEOS1902, GEOG1001, GEOL1002
Assessment: One 2 hour exam, one 1000 word essay, two online quizzes, one practical report (100%)

This Unit of Study provides an introductory geographical analysis of the ways in which people and physical processes/features are produced, behave and interact. The Unit focuses on the physical and human processes that generate spatial variation and difference, as well as tracing the interactions between these processes. It includes an investigation of Earth's surface features, exploring the distribution of select landforms across Earth and interpreting their evolutionary histories. Several landscapes will be examined, such as those formed by rivers, wind, and glaciers. But physical landscapes evolve under the influence of and affect human operations. Therefore, the Unit of Study will also consider the political, economic, cultural and urban geographies that shape contemporary global society. Each of these themes will be discussed with reference to key examples (such as Hurricane Katrina, the Kashmir Earthquake, the conflict in Darfur, and sea-level rise in the Pacific), in order to consider the ways in which the various processes (both physical and human) interact. The Unit of Study will also include a short field trip to localities surrounding the university to observe processes of spatial change and conflict. The Unit of Study is designed to attract and interest students who wish to

Website

The School of Geosciences website is: www.geosci.usyd.edu.au.
pursue geography as a major within their undergraduate degree, but also has relevance to students who wish to consider the way geographers understand the contemporary world.

**GEOS1003**

**Introduction to Geology**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Tom Hubble, Prof Geoff Clarke  
**Semester:** Session: Semester 2, Summer Late Classes: Three 1 hour lectures and one 1 hour practical per week. **Prohibitions:** GEOS1903, GEOL1002, GEOL1902.  
**GEOL1902 Assessment:** One 2 hour exam, practical reports, field report (100%)  

The aim of this unit of study is to examine the chemical and physical processes involved in mineral formation, the interior of the Earth, surface features, sedimentary environments, volcanoes, and metamorphism. Lectures and laboratory sessions on mountain building processes and the formation of mineral deposits will lead to an understanding of the forces controlling the geology of our planet. Processes such as weathering, erosion and nature of sedimentary environments are related to the origin of the Australian landscape. In addition to laboratory classes there is a one-day excursion to the western Blue Mountains and Lithgow to examine geological objects in their setting.  

**Textbooks**  

**GEOL1501**

**Engineering Geology 1**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Tom Hubble  
**Semester:** Session: Semester 2  
**Classes:** 39 hours lectures, 26 hours laboratory. Field excursions in the Sydney region, as appropriate. **Prohibitions:** GEOL1002, GEOL1902.  
**GEOS1003, GEOS1903 Assumed knowledge:** No previous knowledge of Geology assumed  
**Assessment:** Practical laboratory work, assignment, and a combined theory and practical exam (100%)  

Course objectives: To introduce basic geology and the principles of site investigation to civil engineering students.  

**Expected outcomes:** Students should develop an appreciation of geologic processes as they influence civil engineering works, acquire knowledge of the most important rocks and minerals and be able to identify them, and interpret geological maps with an emphasis on making construction decisions.  

**Syllabus summary:** Geological concepts relevant to civil engineering and the building environment. Introduction to minerals, igneous, sedimentary and metamorphic rocks, their occurrence, formation and significance. General introduction to physical geology and geomorphology, structural geology, plate tectonics, and hydrogeology. Associated laboratory work on minerals, rocks and mapping.  

**Textbooks**  
Approved readings will be provided via WebCT

**GEOS1901**

**Earth, Environment and Society Advanced**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Tom Hubble, Dr Judy Webster, A/Prof Bill Pritchard  
**Session:** Semester 1  
**Classes:** Two 1 hour lectures and one 2 hour practical per week. **Prerequisites:** Departmental permission is required for enrolment. An ATAR above 93 is normally required for admission.  
**GEOS1001, GEOG1001, GEOG1902, GEOL1001, GEOL1902 Assessment:** One 2 hour exam, 2000 word essay, field and prac reports (100%)  

Note: Department permission required for enrolment.  

Advanced students will complete the same core lecture material as for GEOS1001, but will be required to carry out more challenging practical assignments.

**GEOS1902**

**Introductory Geography (Advanced)**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Kurt Iveson  
**Semester:** Session: Semester 2  
**Classes:** Two 1 hour lectures and one 2 hour practical per week. **Prerequisites:** Departmental permission is required for enrolment. A UAI (or ATAR equivalent) above 93 is normally required for admission. **Prohibitions:** GEOS1002, GEOG1001, GEOG1902.  
**Assessment:** One 2 hour exam, one 1000 word essay, two online quizzes, one practical report (100%)  

Note: Department permission required for enrolment.  

Advanced students will complete the same core lecture material as for GEOS1002, but will be required to carry out more challenging practical assignments.

**GEOS1903**

**Introduction to Geology (Advanced)**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Tom Hubble, Prof Geoff Clarke  
**Semester:** Session: Semester 2  
**Classes:** Three 1 hour lectures and one 1 hour practical per week. **Prerequisites:** Departmental permission is required for enrolment. A UAI (or ATAR equivalent) above 93 is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator. **Prohibitions:** GEOL1002, GEOL1902.  
**GEOS1003 Assessment:** One 2 hour exam, practical reports, field report (100%)  

Note: Department permission required for enrolment.  

This unit has the same objectives as GEOS1003 and is suitable for students who wish to pursue aspects of the subject in greater depth. Entry is restricted and selection is made from the applicants on the basis of their ATAR or UAI and/or their university performance at the time of enrolment. Students that elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives. This unit may be taken as part of the BSc (Advanced).

**Geosciences intermediate units of study**

Geoscience intermediate units of study are listed below. All intermediate students are encouraged to enrol in GEOS2111 (Natural Hazards: a GIS Approach) which covers concepts and skills relevant to all Geoscience disciplines. Students interested in different areas of the Geoscience disciplines might select intermediate units of study as follows: physical and environmental Geography: GEOS2111 and/or GEOS2113 (Feb semester); GEOS2121 and/or GEOG2321 (July semester), human and environmental Geography: GEOS2121 and/or GEOS2111 (Feb semester); GEOS2122 and/or GEOS2121 (July semester), Geology and Geophysics: GEOG211, GEOL2112 and/or GEOS2114 (Feb semester); GEOS2124 and/or GEOS2121 (July semester). Regardless, subject to the prerequisites for each individual unit of study, students may vary their enrolment across these streams. The School of Geosciences encourages students to construct a sequential ordering of units that best meets their interests and aspirations.

**GEOG2321**

**Fluvial and Groundwater Geomorphology**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Alison Gates, Dr Willem Vervoot  
**Session:** Semester 2  
**Classes:** Two 1 hour lectures and one 2 hour practical per week. **Prerequisites:** 24 credit points of Junior units of study including 6 credit points of Junior Geography. Students in the BEnvSys should have ENSY1001, 12 credit points of Chemistry, 6 credit points of Biology, BIOM1003 or ENVX2001. **Prohibitions:** GEOL1002, GEOL1902, GEOS2302, GEOG2303, MARS2002, MARS2006.  
**Assessment:** One 2 hr exam, two quizzes, one field report, practical exercises (100%)  

This unit of study provides an introduction to the fundamentals of fluvial geomorphology (the study of surface water as an agent of landscape change) and groundwater hydrology. The fluvial geomorphology section of the unit will describe the movement of water in stream channels and investigate the landscape change associated with that movement. Topics to be covered will include open channel flow hydraulics, sediment transport processes and stream channel morphology. Practical work will focus on the collection and analysis of field data. The quantity and quality of the groundwater resources are closely linked to geology and fluvial geomorphology. The groundwater section of this unit is based around four common groundwater issues: contamination, extraction, dryland salinity and groundwater-surface water interaction. In the practical component, common groundwater computer models such as FLOWTUBE and MODFLOW will be used to further explore these problems.  

**Textbooks**  
GEOS2111
Natural Hazards: a GIS Approach
This unit of study is not available in 2011
Credit points: 6 Teacher/Coordinator: Dr Patrice Rey and others
Session: Semester 1
Classes: Two one hour lectures and one three hour practical per week.
Prerequisites: 24 credit points of Junior units of study including 6 credit points of Junior Geoscience
Prohibitions: GEOS2411, GEOS2911
Assessment: One 2 hour exam, one assignment, report.

The geosciences provide an essential framework for understanding the environmental response to short- and long-term geologic, oceanic and atmospheric processes. This unit of study introduces students to a variety of natural phenomena that affect society with impact levels ranging from nuisance to disastrous. The discussion of each hazard focuses on: (1) the process mechanics, (2) hazards and risk, and (3) methods for mitigation. Geographic Information Systems (GIS) are used by scientists, planners, policy-makers and the insurance industry alike to address many issues relating to natural hazards. This unit of study will introduce students to the major concepts relating to GIS and provide practical experience in the application of GIS techniques to hazard mapping, risk assessment and mitigation.

GEOS2112
Economic Geography of Global Development
Credit points: 6 Teacher/Coordinator: A/Prof Bill Pritchard, Prof Philip Hirsch
Session: Semester 1
Classes: Two 1 hour lectures and one 2 hour practical per week.
Prerequisites: 24 credit points of Junior units of study, including 6 credit points of Junior Geoscience or ECOF1001 or ECOF1002
Prohibitions: GEOS2912, GEOS2511
Assessment: One 2 hour exam, 2000 word essay, tutorial papers, practical report (100%)

In this unit of study, students will be introduced to the sub-discipline of economic geography by way of debates on the spatial character of global development. We focus on questions relating to who are the winners and losers from contemporary patterns of global economic change. This includes the analysis of relevant conceptual approaches to these questions (including comparative advantage, global commodity chain theory, regionalism, economic governance etc), plus 'hands-on' examination of the key institutions (such as the WTO and ADB) driving these changes. In general, issues are tailored to themes being played out in Asia-Pacific countries. Students are expected to participate in a variety of practical class exercises throughout the semester, which will include presenting the fruits of independent research activities. This unit provides an especially relevant feeder-unit into GEOS3053/GEOS3054, the Asia-Pacific Field School.

GEOS2114
Volcanoes, Hot Rocks and Minerals
Credit points: 6 Teacher/Coordinator: Dr Derek Wyman, Dr Patrice Rey
Session: Semester 1
Classes: Two 1 hour lectures and one 3 hour practical per week.
Prerequisites: One of (GEOG1001, GEO1001, GEO1002, GEO1003, GEO1003, ENV1002, GEO1902, GEO1902, GEO1901) and 24 credit points of Junior Science units of study.
Prohibitions: GEOL2111, GEOS2911, GEOS2914
Assessment: One 2 hour exam, practical reports, field trip report, group presentation (100%)

This unit of study relates the plate tectonics of subduction zones to a) volcanoes and their hazards; b) geological processes in the deep crust; and c) the formation of precious metal and gemstone ores around the Pacific Rim. A problem solving approach is used to develop the skills required to understand the history of individual volcanoes and predict their future activity and hazards. The unit includes a two to three day field trip to study an extinct volcano in NSW. Practical work includes independent study of igneous systems, rocks and minerals employing both microscope-based techniques and computer modeling. The unit provides relevant knowledge for GEOG3006/3906 - Mineral Deposits and Spatial Data Analysis.

GEOS2115
Oceans, Coasts and Climate Change
Credit points: 6 Teacher/Coordinator: Dr Maria Seton; A/Prof Peter Cowell, Dr Ana Vila Concejao, Dr Jody Webster
Session: Semester 1
Classes: 26 one-hour lectures, 6 one hour workshops, 1 four hour field work, 6 two hour practical classes
Prerequisites: 48 credit points from Junior Units of Study
Prohibitions: GEOS2915, MARS2006
Assumed knowledge: At least one of (GEOG1001, GEO1001, GEO1002, GEO1003, GEO1903, ENV1002, GEO1902, GEO1901)
Assessment: Web-based on-line reports (30%), One lab report (20%), One 2-hour exam (50%)

This unit of study introduces core concepts about how the formation of ocean basins and their influence on climate govern the development of coasts and continental margins, and related environmental processes responsible for physical hazards. These concepts provide a framework for understanding the geographic variation of coasts, continental shelves and sediment accumulations in the deep ocean. Ocean-basin evolution is explained in terms of movements within the Earth's interior and how these movements determine the geometry of ocean basins, and their alpine counterparts, which interact with the global circulation of the ocean and atmosphere. Affects of this interaction on energy regimes and hydrology are described in accounting for regional controls that govern supply and dispersal of sediments on continental margins and in ocean basins. These controls also govern environmental conditions determining development of coral reefs and other ecosystems that play a key role in marine sedimentation. The Unit of Study systematically outlines how these factors have played out with climate change to produce by gradual change the coasts we see today, as well as the less familiar deposits hidden beneath the sea and coastal lands. These gradual changes are compared to the sudden effects of more catastrophic geophysical events. The Unit thereby outlines how knowledge of responses to climate change in the past allow us to predict environmental responses to accelerated climate change occurring now and in the future due to the industrial greenhouse effect, but places these responses into perspective against natural hazards that already occur. Overall therefore, the Unit aims to provide familiarity with fundamental phenomena central to the study of marine geoscience and environmental impacts, introduced through process-oriented explanations. The Unit of Study is structure around problem-based project work, for which lectures provide the theoretical background.

Textbooks
On line reading material provided via Fisher Library

GEOS2121
Environmental and Resource Management
Credit points: 6 Teacher/Coordinator: Dr Dan Penny, A/Prof Phil McManus
Session: Semester 2
Classes: Two 1 hour lectures per week, 6 one hour tutorials and 6 two hour practical, one fieldtrip
Prerequisites: 24 credit points of Junior units of study, including 6 credit points of Junior Geoscience or ECOF1001 or ECOF1002
Prohibitions: GEOS2421, GEOL2202, GEOS2921
Assessment: One 2 hour exam, two tutorial/practical class papers, one fieldtrip report, one lab report (100%)

This unit of study explores cultural constructions of nature and resources, the evolution of environmental thought and the debates about sustainable development and climate change. It integrates environmental, economic, cultural and social considerations in respect to natural resource management in Australia and across Southeast Asia. The environmental considerations extend to an understanding of climatic responses over the long term that provide constraints on resource management today, and how these responses are projected to vary in future. These environmental constraints include air, land, vegetation and water resources and are examined in relation to current issues deriving contemporary debate on the politics of climate change that must now be considered in environmental management and competition for resources. The principles are brought to life through a fieldtrip to the Hunter Valley to look at geographical issues pertaining to mines, wines and the thoroughbred breeding industries in this region. The unit of study enables students to learn about the social, cultural and environmental considerations that must be taken into account when developing and implementing environmental and resource management policies in climate-change society.

GEOS2122
Urban Geography
Credit points: 6 Teacher/Coordinator: Dr Kurt Iveson
Session: Semester 2
Classes: 1 two hour lecture and one 1 hour tutorial per week.
Prerequisites: 24 credit points of Junior units of study, including 6 credit points of Junior Geoscience or ECOF1001 or ECOF1002
Prohibitions: GEOS2922,
GEOS2521 Assessment: One 90 minute exam, one in class test, one 2000 word essay, tutorial papers (100%)

By their very nature, cities are intense assemblages of different people doing all sorts of different things. For this reason, urban geographies are highly dynamic. Urban inhabitants engaged in different activities use urban space in different ways, and in the process they continually remake their cities. Inevitably, different uses and users of urban spaces sometimes come into conflict with each other and with the urban authorities who try to shape and regulate cities. This Unit of Study aims to understand some of these dynamic urban geographies, primarily (but not exclusively) in western cities. We will do this by thinking critically about urban places and practices that we often take for granted. As we will see, we can learn a lot about processes of urban change by considering apparently ‘everyday’ things like going to the football, eating, skateboarding, using mobile phones and computers, policing, participating in a protest or a religious ceremony - even hopping in a lift!

GEOS2124 Fossils and Tectonics
Credit points: 6 Teacher/Coordinator: Dr Adriana Dutkiewicz (coordinator), A/Prof Patrice Rey Session: Semester 2 Classes: Two 1 hour lectures plus one 2 hour practical each week. Prerequisites: 24 credit points of Junior units of study, including GEOG1003 or GEOG1903 or GEOL1002 or GEOL1902 or GEOL1501 Prohibitions: GEOG2524, GEOLE123, GEOLE2124 Assessment: One 2 hour exam, practical reports, field report (100%)

The unit aims to convey how fossils, stratigraphic and structural data are used together to determine ages and environments and the deformation history of rock layers. It covers an introduction to historical geology and the evolution of the major fossils groups. Methods of stratigraphic age determination include litho-, bio-, chemo-, magneto-stratigraphy, as well as radiometric geochronology and the stratigraphic characteristics of the main geological time intervals. Structural methods are focused on brittle deformation in the upper crust and sediments. Students will gain familiarity with the most important fossil groups and how to identify them, and with the most important types of faults and folds. The formation of fossil fuels such as coal, oil and gas will also be covered in an earth history and resource exploration context. The simultaneous use of fossils, stratigraphy and structure to unravel the geological history of a set of exposed rock layers is demonstrated during a field excursion to Yass.

Textbooks
Class notes will be available for purchase from The University Copy Centre

GEOS2911 Natural Hazards: a GIS Approach Advanced
This unit of study is not available in 2011
Credit points: 6 Teacher/Coordinator: Dr Patrice Rey and others. Session: Semester 1 Classes: Two 1 hour lectures and one 3 hour practical per week. Prerequisites: 24 credit points of Junior Geoscience Prohibitions: GEOG2411, GEOS2111 Assessment: One 2 hour exam, one assignment, practical report.

The geosciences provide an essential framework for understanding the environmental response to short- and long-term geologic, oceanic and atmospheric processes. This unit of study introduces students to a variety of natural phenomena that affect society with impact levels ranging from nuisance to disastrous. The discussion of each hazard focuses on: (1) the process mechanics, (2) hazards and risk, and (3) methods for mitigation. Geographic Information Systems (GIS) are used by scientists, planners, policy-makers and the insurance industry alike to address many issues relating to natural hazards. This unit of study will introduce students to the major concepts relating to GIS and provide practical experience in the application of GIS techniques to hazard mapping, risk assessment and mitigation.

Credit points: 6 Teacher/Coordinator: A/Prof Bill Pritchard, Prof Philip Hirsch Session: Semester 1 Classes: Two 1 hour lectures and one 2 hour practical per week. Prerequisites: 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECON1001 or ECON1002 Prohibitions: GEOS2112, GEOS2511 Assessment: One 2 hour exam, 2000 word essay, tutorial papers, practical reports (100%)

This is an Advanced version of GEOS2112. In this unit of study, students will be introduced to the sub-discipline of economic geography by way of debates on the spatial character of global development. We focus on questions relating to who are the winners and losers from contemporary patterns of economic change. This includes the analysis of relevant conceptual approaches to these questions (including comparative advantage, global commodity chain theory, regionalism, economic governance etc), plus ‘hands-on’ examination of the key institutions (such as the WTO and ADB) driving these changes. In general, issues are tailored to themes being played out in Asia-Pacific countries. Students are expected to participate in a variety of practical class exercises throughout the semester, which will include presenting the fruits of independent research activities. This unit provides an especially relevant feeder-unit into GEOS3053/GEOS3054, the Asia-Pacific Field School.

GEOS2914 Volcanoes, Hot Rocks and Minerals Adv
Credit points: 6 Teacher/Coordinator: Dr Derek Wyman, Dr Patrice Rey Session: Semester 2 Classes: Two 1 hour lectures and one 3 hour practical per week. Prerequisites: 24 credit points of Junior Science units of study and Distinction in one of GEOL1002 or GEOS1002 or GEOL1501 or GEOL1902 or GEOS1902 or GEOS1903 or GEOS1903. This requirement may be varied and students should consult the unit of study coordinator. Prohibitions: GEOL2001, GEOS2114 Assessment: One 2 hour exam, practical reports, field trip report, group presentation (100%)

This unit has the same objectives as GEOS2114 and is suitable for students who wish to pursue aspects of the subject in greater depth. Entry is restricted and selection is made from the applicants on the basis of their performance to date. Students that elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives. This unit may be taken as part of the BSc (Advanced).

Textbooks
No required textbook. Course notes available.

GEOS2921 Environmental & Resource Management Adv
Credit points: 6 Teacher/Coordinator: Dr Dan Penny, A/Prof Phil McManus Session: Semester 2 Classes: Two 1 hour lectures, one 1 hour tutorial per week and one fieldtrip. Prerequisites: 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECON1001 or ECON1002. This requirement may be varied and students should consult the unit of study coordinator. Prohibitions: GEOG2421, GEOL2002, GEOS2112 Assessment: One 2 hour exam, one media report, one tutorial / practical class paper, one fieldtrip report (100%)

Advanced students will complete the same core lecture materials as for GEOS2121 but are required to complete an essay in place of the regular tutorial reports prepared in GEOS2121.

GEOS2922 Urban Geography (Advanced)
Credit points: 6 Teacher/Coordinator: Prof John Connell, Dr Kurt Iveson Session: Semester 2 Classes: one 2 hour lecture and one 1 hour tutorial per week. Prerequisites: 24 credit points of Junior units of study, including a distinction in 6 credit points of Junior Geoscience or in ECON1001 or ECON1002 Prohibitions: GEOS2122 Assessment: One 90 minute exam, one in-class test, one 2000 word essay, tutorial papers (100%)

This unit aims to understand everyday life in cities, and to develop new perspectives on metropolitan change. It will examine how a range of everyday practices use and shape urban space - including shopping, eating, moving around, protesting, playing sport, having sex, religious observance, and hanging out. We’ll also consider the role of technology in these activities, thinking about how people relate to things like cars, elevators, mobile phones and networked sensors in the course of the everyday lives in cities. In considering these various practices, we will investigate how different people perceive space and construct urban space, primarily in western contexts. We will also think critically about the regulation of urban space, and consider the efforts of urban
Geosciences senior units of study

Geosciences Senior units of study provide specialist themes or topics relevant to ongoing studies or professions. Students may select from any of the units listed below.

Geography Major

The requirements for a Major in Geography are defined in Table 1. Students are required to complete 24 credit points from Senior units of study in Geography that must include either GEOS3513/3913 OR GEOS3053/3953 OR GEOG3521/3921

Geology and Geophysics Major

The requirements for a major in Geology and Geophysics are defined in Table 1. Students are required to take two compulsory units, GEOS3101/3801 and the field study units GEOS3008/3908, as well as one of GEOS3001/3901, GEOS3501 or GEOS3504. These units provide students with a foundation training that prepares them for further study in an Honours or postgraduate coursework program as well as enabling them to enter the main professional fields of the discipline, eg. Resource and Energy Exploration, Engineering Geology, and Environmental Geology.

GEOS3008
Field Geology and Geophysics

Credit points: 6 Teacher/Coordinator: Prof Geoffrey Clarke Session: Semester 2a Classes: (weeks 1-7) 14 days of field work. Prerequisites: GEOS2124 or GEOS2924 Prohibitions: GEOL3103, GEOL3908 Assessment: The field work will be assessed by written reports (up to 15 pages in total), field exercises and practical tests (100%)

This unit is considered an essential component all Geology and Geophysics majors. All students will undertake a range of exercises, but concentrate on aspects that emphasise their chosen major: (1) field mapping and the analysis of geological objects in the field, in weakly to complexly deformed sedimentary and volcanic sequences; (2) field investigations of mineral deposits and their relationships to host rocks; and (3) the practical application of geophysical methods in field mapping. The field course complements other subject areas in Geology & Geophysics and will give students experience in the field identification of rocks and minerals, regional geology, stratigraphy, structure and rock relationships. Students will be required to pay the cost of hostelry-style accommodation during field work, which may involve camping.

GEOS3009
Coastal Environments and Processes

Credit points: 6 Teacher/Coordinator: Dr Ana Vila-Concejo, Dr Jody Webster Session: Semester 2 Classes: Two 1 hour lectures and one 2 hour practical per week; weekend excursion. Prerequisites: (6 credit points of Intermediate Geoscience units) and (6 further credit points of Intermediate Geoscience or 6 credit points of Physics or Mathematics or Information Technology or Engineering units) or ((MARS2005 or MARS2905) and (MARS2006 or MARS2906)) Prohibitions: GEOS3909, MARS3003, MARS3105 Assessment: One 2 hour exam, two 1500 word reports (100%)

Note: * Geoscience is the disciplines of Geography, Geology and Geophysics.

The aim of this course is to introduce students to a variety of Coastal Environments and the major physical and chemical processes which control the morphodynamic evolution of these systems. The course offers a unique opportunity of learning the full spectrum of marine sedimentary environments from siliciclastic, temperate, highly urbanised and impacted estuarine ecosystems to carbonate, tropical, pristine and undeveloped/protected coastal and continental margin environments. The course includes field work at two of the Universities research stations, i.e. at Chowder Bay, Port Jackson and One Tree Island on the Great Barrier Reef (GBR). The second part of the course comprise physical and chemical processes in estuarine and carbonate-dominated coastal and continental margin environments. The first part of the course covers basic morphodynamics and physical processes in estuarine environments and focuses on methods of assessing the magnitude of human impact on these valuable and sensitive ecosystems and judging the risks of sedimentary contaminants on benthic animals. A major part of this section is a project aimed at assessing the environmental status of a major embayment of the Sydney estuary.

The second part of the course covers the basic morphodynamics and processes impacting carbonate-dominated coastal and continental margin environments. The focus is on carbonate reefal and margin systems and their geologic and biologic responses to past, present and future environmental changes. These systems will also be studied in the field at The University of Sydney One Tree Island Research Station and on Heron Island in the GBR. This fieldtrip is not compulsory but is strongly recommended as it will expose students first hand to a pristine, world class coral reef system. Students who are unable participate in the GBR field trip will be given an alternative assignment.

Textbooks


Course notes will be available from the Photocopy Centre.

GEOS3014
GIS in Coastal Management

Credit points: 6 Teacher/Coordinator: Dr Eleanor Bruce, Dr Ana Vila Concejo Session: Semester 2 Classes: Two 1 hour lectures and one 3 hour practical per week. Prerequisites: MARS(3005 or 2905) and MARS(2006 or 2906), or 12 credit points of Intermediate Geoscience* units, or (GEOS(2115 or 2915) and BIOL(2018 or 2918)). Prohibitions: GEOS3914, MARS3104 Assessment: One 2 hour exam, two project reports, quizzes (100%)

Note: * Geoscience is the disciplines of Geography, Geology and Geophysics.

Coastal Management is about how scientific knowledge is used to support policy formulation and planning decisions in coastal environments. The course links coastal science to policy and practice in management of estuaries, beaches and the coastal ocean. The principles are exemplified through specific issues, such as coastal erosion, pollution, and impacts of climate-change. The issues are dealt with in terms of how things work in nature, and how the issues are handled through administrative mechanisms. These mechanisms involve planning strategies like Marine Protected Areas and setback limits on civil development in the coastal zone. The coastal environments and processes that are more relevant to coastal management including: rocky coasts; beaches, barriers and dunes; and coral reefs will also be introduced. At a practical level, the link between science and coastal management is given substance through development and use of ‘decision-support models’. These models involve geocomputing methods that entail application of simulation models, remotely sensed information, and Geographic Information Systems (GIS). The course therefore includes both principles and experience in use of these methods to address coastal-management issues. (It thus also involves extensive use of computers.) Although the focus is on the coast, the principles and methods have broader relevance to environmental management in particular, and to
problem-solving in general. That is, the course has vocational relevance in examining how science can be exploited to the benefit of society and nature conservation.

Textbooks

GEOS3018
Rivers: Science, Policy and Management
Credit points: 6 Teacher/Coordinator: Prof Philip Hirsch, Dr Tom Hubble Session: Semester 1 Classes: one 2 hour lecture and one 2 hour tutorial per week. Fieldwork Prerequisites: 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geoscience (GEO5 or GEOS units) of study Prohibitions: GEOS3918 Assessment: One 2 hour exam, one 1500 word essay, one group project (100%)

This unit of study aims to decipher the multi-faceted nature of river management by examining how rivers function, from both natural science and social science perspectives. The physical condition of rivers is assessed by considering issues such as catchment hydrology, water quality, the structure and role of riparian vegetation and the functioning of aquatic ecosystems. This information is then combined to examine the science underpinning river rehabilitation projects and environmental assessment of river basin development. The ability to rehabilitate rivers and their management for social and economic goals is also controlled by a range of social and political factors. Therefore, water resource policies and institutions, both within Australia and globally, are also examined in terms of their influences on fluvial systems.

GEOS3513
Regional Development and Environment
Credit points: 6 Teacher/Coordinator: A/Prof Bill Pritchard, Dr Michael Harris Session: Semester 1 Classes: 2 hours of lectures per week and 2 hours of tutorials/practicals per week. Prerequisites: 24 credit points of intermediate and/or senior units of study including 6 credit points of Intermediate units of study in Geography. Prohibitions: ENV3113, GEO5351, GEO5391, GEO53913 Assessment: Two in-class tests, one 1500 word essay, one GIS report (100%)

This unit of study acquaints students with debates and tools associated with regional development and the economic analysis of environmental issues. It provides a useful preparation for professional employment in the field of regional development, environmental policy and management, and is relevant for students interested in economic and social issues in regional Australia. Co-taught by a geographer and an economist, the unit addresses four key areas of relevance: (i) regional development theory and practice; (ii) the economics of efficiently utilising and managing the environment; (iii) debates on regional development in Australia (including consideration of the farm sector, Indigenous communities and environmental sustainability), and (iv) the use of GIS to analyse population census data. The unit requires no prior knowledge of economic theory or GIS software.

GEOS3913
Regional Development & Environment (Adv)
Credit points: 6 Teacher/Coordinator: A/Prof Bill Pritchard Session: Semester 1 Classes: 2 hours of lectures per week and 2 hours of tutorials/practicals per week. Prerequisites: 24 credit points of intermediate and/or senior units of study including 6 credit points of intermediate units of study in Geography with a grade of Credit or better Prohibitions: ENV3113, GEO5351, GEO5391, GEO53911 Assessment: In-class tests, essay, report (100%)

This unit of study is a more advanced version of GEO5351. It includes more challenging assessment tasks.

GEOS3101
Earth's Structure and Evolution
Credit points: 6 Teacher/Coordinator: A/Prof Patrice Rey, Prof Geoff Clarke Session: Semester 1 Classes: Two 1 hour lectures and one 3 hour tutorial/practical class per week, and a 3-day excursion. Prerequisites: GEO5(2114 or 2914) and GEO52124 Assessment: One 2 hour exam, practical and field reports (100%)

The Earth's crust and upper mantle, or lithosphere, are a consequence of dynamic and thermal processes operating since the beginning of the Archaean. This unit focuses on information and techniques that enable an understanding of these processes. The main topics presented in this unit include the formation and evolution of oceanic and continental lithosphere; tectonic deformation, magmatism and metamorphism at plate boundaries; and the mesoscopic and microscopic analysis of igneous and metamorphic rocks. Practical classes and field exercises are designed to enable students to compete and independently identify the common crystalline rocks in hand-sample; and to gather and interpret the structural field data which enables the determination of the structural style and deformatory history presented in particular tectonic settings. The concepts and content presented in this unit are generally considered to be essential knowledge for geologists and geophysicists and provide a conceptual framework for their professional practice. Students wishing to specialise in the field and become professional geologists will normally need to expand upon the knowledge gained from this unit and either complete an honours project or progress to postgraduate coursework in this field.

GEOS3102
Global Energy and Resources
Credit points: 6 Teacher/Coordinator: Dr Derek Wyman, A/Prof Gavin Birch Session: Semester 1 Classes: Two 1-hour lectures and one 2-hour tutorial/practical per week. Prerequisites: GEO5(2114 or 2914) and GEO52124 or 2924; or 24 credit points of Intermediate Science units of study and GEO5103 with permission of the Head of School Prohibitions: GEO53802, GEO53003, GEO53903, GEO53004, GEO53904, GEO53906, GEO53917, GEO53917 Assessment: One 2-hour exam, practical and field reports (100%)

This unit examines the processes that form energy and mineral resources, outlines the characteristics of major fossil fuel and metal ore deposits and introduces the principles that underpin exploration strategies used to discover and develop geological resources. The unit will focus on a variety of topics including: coal; petroleum formation and migration, hydrocarbon traps and maturation; precious metal, base metal and gemstone deposit types; and exploration strategies. An integrated approach will relate tectonic processes through time to the formation of fossil fuel and mineral provinces. Practical exercises will introduce students to the techniques used to identify economically viable geological resources using a variety of exercises based on actual examples of resource exploration drawn from both the petroleum and minerals industry.

GEOS3103
Environmental and Sedimentary Geology
Credit points: 6 Teacher/Coordinator: Dr Adriana Duklewicz (co-ordinator), Dr Dan Penny Session: Semester 2 Classes: Two 1 hour lectures and one 3 hour tutorial/practical class per week. Prerequisites: GEO5(2124 or 2924) and GEO5(2111 or 2911 or 2114 or 2914 or 2113 or 2913); or GEO5103 and 24 credit points of Intermediate Science units of study with permission of the Head of School Prohibitions: GEO53803 Assumed knowledge: GEO51003, GEO52124 Assessment: One 2-hour exam, practical and field reports (100%)

Sediments and sedimentary rocks cover most of the Earth's surface, record much of the Earth's geological and climatic history and host important resources such as petroleum, coal, water and mineral ores. The aim of this unit is to provide students with the skills required to examine, describe and interpret sediments and sedimentary rocks for a variety of different purposes. Specific focii of the unit will be the identification of the recent or ancient environment in which sedimentary materials were deposited, the environmental controls which produce sedimentary structures, and the processes that control the production, movement and storage of sediment bodies. On completion of this unit students will be familiar with the natural processes that produce and modify sediments across a range of environments at the Earth's surface, including fluvial, aeolian, lacustrine, marginal marine and deep marine environments. The various controls on the sedimentary record such as climate and sea-level change, as well as diagenesis

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and geochemical cycles will also be discussed. Practical exercises will require students to examine global datasets, and determine the properties and significance of sediments and sedimentary rocks. The course is relevant to students interested in petroleum or mineral exploration, environmental and engineering geology as well as marine geoscience.

Textbooks
Course notes will be available from the Copy Centre and an appropriate set of reference texts will be placed on special reserve in the library.

GEOS3104
Geophysical Methods
Credit points: 6 Teacher/Coordinator: Dr Christian Heine (co-ordinator), Dr Gabriele Morra, Dr Simon Williams Session: Semester 2 Classes: Two 1 hour lectures and one 3 practical class per week. Prerequisites: 24 credit points of Intermediate Science units of study or (GEOS(2114/2914) and GEOS(2124/2924)) Prohibitions: GEOS3004, GEOS3804, GEOS3003, GEOS3903, GEOS3006, GEOS3906, GEOS3016, GEOS3916, GEOS3017, GEOS3917
Assessment: One 2 hour exam (50%), practical work (50%)

This unit introduces the common geophysical methods used to investigate the interior and dynamics of the Earth and focuses on the techniques used for mineral and hydrocarbon exploration. On completion of this unit students will have developed a thorough understanding of the common geophysical methods utilised in academia and the resource exploration industry. They will be able to evaluate and critically assess most forms of geophysical data as well as actively participate in geophysical explorations. Furthermore, the course will provide the students with the computational skills to process different geophysical data in an applied, resource exploration-centered perspective. The unit is aimed at students with interests in land-based and marine resource exploration, plate tectonics, internal earth structure/dynamics, and near-surface investigations of groundwater resources and environmental pollution. Students wishing to specialise in the field and become professional geophysicists will normally need to expand upon the geophysics knowledge gained from this unit and either complete an honours project or progress to postgraduate coursework in this field.

GEOS3053
Asia-Pacific Field School-Assessment A
Credit points: 6 Teacher/Coordinator: Dr Jeff Neilson Session: S1 Intensive Classes: Five weeks intensive, six modules of 3 lectures each, ten full days equivalent fieldwork, 20 hours small group work. Prerequisites: 6 credit points of Intermediate units of study in Geography. Department permission is required for enrolment. Corequisites: GEOS3054 Prohibitions: GEOS3953
Assessment: One group activity, one field diary, one extended field research report, one exam (100%)
Notes: Department permission required for enrolment. Note: Students must contact the unit coordinator no later than the end of May in the year before taking this Unit.

The unit of study can be taken only in coincidence with GEOS3054 and with prior permission from the unit of study coordinator. It constitutes a Field School run over a five-week period in January-February, prior to the commencement of the semester. In 2011 the Field School will be held in Indonesia (Java, Sulawesi and Bali). In other years it may be held in mainland Southeast Asia (China, Thailand, Laos, Cambodia and Viet Nam). The Field School focuses on two main themes; i) rural economic development and integration with the global economy; and ii) community-based natural resource management and environmental governance. The Field School is run in close association with local universities, whose staff and students participate in some components of the course. Places are limited, and students interested in the 2011 Field School should indicate expression of interest to jeffrey.neilson@sydney.edu.au before the end of May 2010.

GEOS3006, GEOS3906, GEOS3017, GEOS3917
Assumed knowledge: GEOS2114, GEOS2124 Assessment: One 2 hour exam, practical and field reports (100%)

This unit has the same objectives as GEOS3101 and is suitable for students who wish to pursue aspects of the subject in greater depth. Entry is restricted and selection is made from the applicants on the basis of their performance at the time of enrolment. Students who elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives. Specific details for this unit of study will be announced in meetings with students in week 1 of semester.

GEOS3802
Global Energy and Resources (Adv)
Credit points: 6 Teacher/Coordinator: Dr Derek Wyman, A/Prof Gavin Birch Session: Semester 1 Classes: Two 1 hour lectures and one 3 hour tutorial/practical class per week. Prerequisites: Distinction in GEOS(2114 or 2914) and GEOS(2124 or 2924); Students who have a credit average for all Geoscience units may enrol in this unit with the permission of the Head of School. Prohibitions: GEOS3102, GEOS3003, GEOS3903, GEOS3004, GEOS3904, GEOS3006, GEOS3906, GEOS3016, GEOS3916, GEOS3017, GEOS3917
Assumed knowledge: GEOS2114 and GEOS2124 Assessment: One 2 hour exam, practical and field reports (100%)

This unit has the same objectives as GEOS3102 and is suitable for students who wish to pursue aspects of the subject in greater depth. Entry is restricted and selection is made from the applicants on the basis of their performance at the time of enrolment. Students who elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives. Specific details for this unit of study will be announced in meetings with students in week 1 of semester.

GEOS3803
Environmental & Sedimentary Geology(Adv)
Credit points: 6 Teacher/Coordinator: Dr Adriana Dutkiewicz (co-ordinator), Dr Dan Penny Session: Semester 2 Classes: Two 1 hour lectures and one 3 hour tutorial/practical class per week. Prerequisites: Distinctions in GEOS(2114 or 2914) and GEOS(2124 or 2924); Students who have a credit average for all Geoscience units may enrol in this unit with the permission of the Head of School Prohibitions: GEOS3103 Assessment: One 2 hour exam, practical and field reports (100%)

This unit has the same objectives as GEOS3103 and is suitable for students who wish to pursue aspects of the subject in greater depth. Entry is restricted and selection is made from the applicants on the basis of their performance at the time of enrolment. Students who elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives. Specific details for this unit of study will be announced in meetings with students in week 1 of semester.

GEOS3804
Geophysical Methods (Advanced)
Credit points: 6 Teacher/Coordinator: Dr Christian Heine (co-ordinator), Dr Gabriele Morra, Dr Simon Williams Session: Semester 2 Classes: Two 1 hour lectures and one 3 hour practical class per week. Prerequisites: Distinctions in GEOS(2114/2914) and GEOS(2124/2924); Students who have a credit average for all Geoscience units may enrol in this unit with the permission of the Head of School Prohibitions: GEOS3104, GEOS3003, GEOS3903, GEOS3006, GEOS3906, GEOS3016, GEOS3916, GEOS3017, GEOS3917 Assessment: One 2 hour exam, practical work (100%)

This unit has the same objectives as GEOS3104 and is suitable for students who wish to pursue aspects of the subject in greater depth. Entry is restricted and selection is made from the applicants on the basis of their performance at the time of enrolment. Students who elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives. Specific details for this unit of study will be announced in meetings with students in week 1 of semester.

GEOS3006, GEOS3906, GEOS3017, GEOS3917
GEOS3008
Field Geology and Geophysics (Advanced)
Credit points: 6
Teacher/Coordinator: Prof Geoffrey Clarke
Session: Semester 2a
Classes: 14 days of fieldwork.
Prerequisites: GEOS2124 or GEOS2924 with a mark of 65% or greater
Prohibitions: GEOS3008
Assessment: Written reports and field exercises (100%)
Note: Department permission required for enrolment.

This unit has the same objectives as GEOS3008 and is suitable for students who wish to pursue aspects of the subject in greater depth. Entry is restricted and selection is made from the applicants on the basis of their performance at the time of enrolment. Students who elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives. Specific details for this unit of study will be announced in meetings with students in week prior to the field camp which is usually in the break between semester 1 and 2. This unit of study may be taken as part of the BSc (Advanced).

GEOS3009
Coastal Environments and Processes (Adv)
Credit points: 6
Teacher/Coordinator: A/Prof Gavin Birch, Dr Ana Vila Concejo
Session: Semester 1
Classes: Three 1 hour lectures, two 3 hour practicals per week, fieldwork.
Prerequisites: Distinction average in ((6 credit points of Intermediate Geoscience units) and (6 further credit points of Intermediate Geoscience or 6 credit points of Physics, Mathematics, Information Technology or Engineering units) or ((MARS2005 or MARS2905) and (MARS2006 or MARS2906))
Prohibitions: GEOS3009, MARS3003, MARS3105
Assessment: Three 1 hour lectures, two 3 hour practicals (100%) Note: A distinction average in prior Geography or Geology units is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.

Advanced students will complete the same core lecture material as for GEOS3009 but will carry out more challenging projects, practicals, assignments and tutorials.

GEOS3014
GIS in Coastal Management (Advanced)
Credit points: 6
Teacher/Coordinator: Dr Eleanor Bruce, Dr Ana Vila Concejo
Session: Semester 2
Classes: Two hours of lectures, one 3 hour practical per week comprising one 1 hour practical demonstration and one 2 hour practical
Prerequisites: Distinction average in 12 credit points of Intermediate geography or geology units or GEOS (2115 or 2195) and BIOL (2018 or 2018).
Department permission required for enrolment
Prohibitions: GEOS3014, MARS3104
Assessment: One 2 hour exam, two 1500 word reports (100%)
Note: Department permission required for enrolment. Note: A distinction average in prior Geography, Geology or Marine Science units of study is normally required for admission. This requirement may be varied and students should consult the unit of study coordinator.

Advanced students will complete the same core lecture material as for GEOS3014 but will carry out more challenging projects, practicals, assignments and tutorials.

GEOS3018
Rivers: Science and Management (Adv)
Credit points: 6
Teacher/Coordinator: Prof Philip Hirsch, Dr Tom Hubble
Session: Semester 1
Classes: one 2 hr lecture, one 2 hour tutorial, fieldwork
Prerequisites: Distinction average in 24 credit points of Intermediate units of study including 6 credit points of Intermediate Geoscience(GEOS or GEOG) units of study
Prohibitions: GEOS3018
Assessment: One 2 hour exam, one group project, one individual field report (100%) Advanced students will complete the same core lecture material as for GEOS3018, but will carry out more challenging projects and reports.

GEOS3053
Asia-Pacific Field School-A (Adv)
Credit points: 6
Teacher/Coordinator: Dr Jeff Neilson
Session: S1
Intensive Classes: Five weeks intensive, six modules of 3 lectures each, ten full days equivalent fieldwork, 20 hours small group work.
Prerequisites: 6 credit points of Intermediate units of study in Geography. Department permission required for enrolment.
Corequisites: GEOS3954
Prohibitions: GEOS3053
Assessment: One group activity, one field diary, one extended field research report, one exam (100%)
Science units of study

Junior units of study

HPSC1000 Bioethics
Credit points: 6 Teacher/Coordinator: Dr Catherine Mills Session: Semester 1 Classes: One 1 hour class and one 2 hour tutorial per week. Prohibitions: HPSC1900 Assessment: Short essays, tutorial work, tests (100%) Note: This Junior unit of study is highly recommended to Intermediate and Senior Life Sciences students.

Science has given us nearly infinite possibilities for controlling life. Scientists probe the origins of life through research with stem cells and embryos. To unlock the secrets of disease, biomedicine conducts cruel experiments on animals. GM crops are presented as the answer to hunger. Organ transplantation is almost routine. The international traffic in human body parts and tissues is thriving. The concept of brain death makes harvesting organs ethically more acceptable. It may also result in fundamental changes in our ideas about life. Science has provided new ways of controlling and manipulating life and death. As a consequence, difficult ethical questions are raised in increasingly complex cultural and social environments. This course will discuss major issues in the ethics of biology and medicine, from gene modification to Dolly the sheep. This unit will be introductory, but a small number of topical issues will be studied in depth. No scientific background beyond School Certificate level will be assumed.

Textbooks
Course reader

HPSC1900 Bioethics (Advanced)
Credit points: 6 Teacher/Coordinator: Dr Catherine Mills Session: Semester 1 Classes: Three 1 hour lectures, one 1 hour tutorial per week. Prohibitions: HPSC1000 Assessment: Tutorial work, essays, exam, tutorial participation (100%) Note: Department permission required for enrolment.

The topics covered by HPSC1000 - Bioethics will be treated in more depth, in a special tutorial set aside for Advanced students.

Textbooks
Course reader

Intermediate units of study

There are two Intermediate units of study offered by the Unit for History and Philosophy of Science. They provide a broad background in the history and the philosophy of science, and a solid background for students in arts and science who wish to acquaint themselves with principles and methods in the history and philosophy of science. For students who wish to major in HPS, they provide essential background knowledge.

HPSC2000 The Birth of Modern Science
Credit points: 6 Teacher/Coordinator: Dr Ofer Gal Session: Semester 1, Summer Main Classes: Three 1 hour lectures, one 1 hour tutorial per week. Prerequisites: 24 credit points of Junior units of study Prohibitions: HPSC2002, HPSC2900 Assessment: 4 quizzes (30%) and 6x100wd questions (30%) and 3x750wd essays (30%) and class participation (10%)

Modern culture is a culture of science and modern science is the outcome of a historical process of 2,500 years. In this course we investigate how traditional knowledge gradually acquired the characteristics of ‘science’: the social structure, contents, values and methods we are familiar with. We will look at some primary chapters of this process, from antiquity to the end of the seventeenth century, and try to understand their implications to understanding contemporary science in its culture. Special emphasis will be given to the scientific revolution of the seventeenth century, which is often described as the most important period in the history of science and as one of the most vital stages in human intellectual history.

Textbooks

HPSC2101 What Is This Thing Called Science?
Credit points: 6 Teacher/Coordinator: Dr Dominic Murphy Session: Semester 2, Summer Main Classes: Three 1 hour lectures and one 1 hour tutorial per week. Prerequisites: 24 credit points of Junior units of study Prohibitions: HPSC2001, HPSC2901 Assessment: 2x1500 wd essays (50%) and 1x3000 wd essay (50%)

Philosophers of science aim to define what distinguishes creationism from evolutionary theory, or astrology from astronomy. They give reasons why we can believe that today’s theories are improvements over those that preceded them and how we know that what we see and do in scientific practice reflects the nature of reality. This course critically examines the most important attempts to define the scientific method, to draw a line dividing science from non-science, and to justify the high status generally accorded to scientific knowledge. The philosophies of science studied include Karl Popper’s idea that truly scientific theories are falsifiable, Thomas Kuhn’s proposal that science consists of a series of paradigms separated by scientific revolutions; and Feyerabend’s anarcho-scientism which claim that there are no objective criteria by which science can be distinguished from pseudo-science. This unit of study also explores contemporary theories about the nature of science and explores ideas about the nature of the experimental method and concepts such as underdetermination, the nature of scientific explanation, theory confirmation, realism, the role of social values in science, sociological approaches to understanding science, and the nature of scientific change.

Textbooks

HPSC2901 What Is This Thing Called Science? (Adv)
Credit points: 6 Teacher/Coordinator: Dr Dominic Murphy Session: Semester 2 Classes: Three 1 hour lectures and one 1 hour tutorial per week. Prerequisites: Enrolment in the Talented Student Program or 24 credit points of Junior study with a Distinction average Prohibitions: HPSC2002, HPSC2100 Assessment: 2x1500wd essays (45%) and 1x3000 wd essay (45%) and class presentation (10%)

Note: Department permission required for enrolment.

The topics covered in ‘The Birth of Modern Science’ will be covered in more depth, in a special tutorial set aside for advanced students.

Textbooks

HPSC2902 What Is This Thing Called Science? (Seminars)
Credit points: 6 Teacher/Coordinator: A/Prof Ofer Gal Session: Semester 2 Class: Three 1 hour lectures and one 1 hour tutorial per week. Prerequisites: Enrolment in the Talented Student Program or 24 credit points of Junior study with a Distinction average Prohibitions: HPSC2002, HPSC2100 Assessment: 2x1500 wd essays (45%) and 1x3000 wd essay (45%) and class presentation (10%)

Note: Department permission required for enrolment.

The topics covered in ‘What Is This Thing Called Science?’ will be covered in more depth, in a special tutorial set aside for advanced students.

Textbooks
Alan F. Chalmers. What Is This Thing Called Science? 3rd edition. Course reader

Senior units of study

Students wishing to major in History and Philosophy of Science in either the BSc, BA or BLibSt must take 24 credit points from the following Senior units of study. Our Intermediate courses provide students with a background in the history and philosophy of science. HPSC3022 Science and Society provides students with an essential background in the sociology of science. This unit of study is compulsory for majors in history and philosophy of science. HPSC3021 Philosophy and Sociology of Biology is unavailable in 2011.
Throughout the ages people have been born, have died, and in between have lived in various stages of sickness or health. In this unit of study we shall look at how these states of being were perceived in different times and places throughout history; while at the same time noting the increasing medicalisation of everyday life, together with the irony that the "miracles" of modern medicine appear to have created a generation of the "worried well". Using this historical perspective, we shall ask how perceptions of sickness, health and the related provision of health care have been intertwined with social, political and economic factors and, indeed still are today.

Textbooks
Course reader

HPSC3016
The Scientific Revolution
Credit points: 6
Teacher/Coordinator: Dr Ofer Gal
Session: Semester 2
Classes: Two 1 hour lectures and two 1 hour tutorials per week. Individual student consultation as required. Prerequisites: HPSCI2100 or 2900 and HPSCI2101 or 2901
Prohibitions: HPSCI3001, HPSCI3106
Assessment: 10x150wd questions (40%) and 1x 3500wd essay (40%) and 1x Experiment (10%) and Class Participation (10%)

Modern Western science has a number of characteristics which distinguish it from other scientific cultures. It ascribes its tremendous success to sophisticated experiments and meticulous observation. It understands the universe in terms of tiny particles in motion and the forces between them. It is characterised by high-powered mathematical theorising and the rejection of any intention, value or purpose in Nature. Many of these characteristics were shaped in the 17th century, during the so-called scientific revolution. We will consider them from an integrated historical-philosophical perspective, paying special attention to the intellectual motivations of the canonical figures of this revolution and the cultural context in which they operated.

Topics will include: experimentation and instrumentation, clocks, mechanistic philosophy, and the changing role of mathematics.

Textbooks
Course reader

HPSC3022
Science and Society
Credit points: 6
Teacher/Coordinator: Dr Chris Degeling
Session: Semester 1
Classes: Two 1 hour lectures and two 1 hour tutorials per week. Prerequisites: HPSCI2100 or 2900 and HPSCI2101 or 2901
Assessment: 2x1500wd essay (50%) and 1x3000wd essay (50%)

Note: This unit is a requirement for HPS majors.

Science has become an essential element of Western societies. It is impossible to imagine our lives today without the achievements of science, technology, and medicine. Many scientists and laypeople think that scientific knowledge transcends political, social, cultural, and economic conditions. Sociologists of science think otherwise. In this unit, we will investigate the nature of science, the position of science in society, and the internal dynamics of science.

Sociologists of science have compared scientific knowledge to a ship in a bottle: if you see the finished product, you can’t understand how it came about, and you can’t believe that it is not what it claims to be: the empirically-determined truth about the world. In this unit, we will have a close look at some of these ships in bottles and examine how they got there. When observing science-in-the-making, rather than the finished product, the factors that influence science become much clearer. We will introduce some of the most exciting and innovative ideas about what science is and how it works by examining the sociological and anthropological approaches to science that have become the basis for research in the social studies of science, technology, and medicine, including: the norms of science, scientists’ images of themselves, the boundaries between science and other subjects, the rhetoric of scientific writing, laboratory work, science museums and science in the media.

Textbooks
S. Sismondo, An Introduction to Science and Technology Studies

HPSC3023
Psychology & Psychiatry: History & Phil
Credit points: 6
Teacher/Coordinator: Dr Hans Pols and Dr Fiona Hibberd
Session: Semester 1
Classes: Two 1 hour lectures and one 2 hour tutorial per week. Prerequisites: (at least 12 credit points of Intermediate HPSC Units of study) OR (a CR or above in one HPSC intermediate Unit of Study) OR (12 intermediate credit points in psychology).
Prohibitions: PSYC3202
Assumed knowledge: Basic knowledge about the history of modern scientific as taught in HPSCI200 and the principles of philosophy of science as taught in HPSCI2101 OR knowledge of the various sub-disciplines within Psychology.
Assessment: 1x2500wd essay (45%) and 1x2hr exam (45%) and class participation (10%)

Across the unit we examine one of the most interesting aspects of the history and philosophy of science, viz., the scientific practices and assumptions involved in making human beings an object of study. We will examine the ways in which psychologists and psychiatrists have investigated human nature, the kinds of experimental approaches they have developed to that end, the major controversies in this field, and the basic philosophical assumptions that have been made in the sciences of human nature. We investigate the developments of psychological theories and investigative methods as well as the development of psychiatric theory, treatment methods, and institutions.

Textbooks
Course reader

HPSC2101
Immunobiology major
The Discipline of Infectious Diseases and Immunology administers the Immunobiology Major. Our location is on Level 6, Blackburn Building D06. Further information from Dr Allison Abendroth (phone: (02) 93516867, email: a.abendroth@usyd.edu.au) or Dr Scott Byrne
Immunology

Immunology is offered as Introductory Immunology (IMMU2101) at Intermediate level, Molecular and Cellular Immunology (IMMU3102) and Immunology in Human Disease (IMMU3202) at Senior level, and Immunology Honours. Further information can be obtained from Dr Allison Abendroth (phone: (02) 93516867, email: a.abendroth@usyd.edu.au) or Dr Scott Byrne (phone: (02) 93517308, email: scottb@med.usyd.edu.au).

Immunology intermediate units of study

IMMU2101

Introductory Immunology

Credit points: 6
Teacher/Coordinator: Dr Scott Byrne
Session: Semester 1
Classes: Two 1 hour lectures per week, one 3 hour tutorial or practical or independent study per week.
Prerequisites: 24 credit points of Junior units of study from any of the Science discipline areas.
Prohibitions: IMMU2001, BMED2506, BMED2807
Assumed knowledge: Junior Biology and Junior Chemistry.
Assessment: Progressive assessment: includes written, practical and oral based assessments (50%); Formal assessment: one 2 hour examination (50%).

Note: This is a prerequisite unit of study for IMMU3102 and IMMU3202. The completion of 6 credit points of MBLG units of study is highly recommended.

Our immune system not only protects us from viruses, bacteria, and parasites, it can prevent the growth of tumours. Sometimes our immune system can be the cause of diseases like multiple sclerosis, Type 1 diabetes and rheumatoid arthritis. If you are interested in studying how our immune system works to keep us alive, then Introductory Immunology is for you. This unit of study will provide an overview of the immune system and the essential features of immune responses. You will be treated to a lecture course delivered by cutting edge immunologists that begins with a study of immunology as a basic research science. This includes an introduction to the nature of the cells and molecules involved in the immune response. We build on this foundation by introducing the immunological principles underlying the eradication of infectious diseases, successful vaccination strategies, organ transplantation, combatting autoimmune diseases and treating cancer. The integrated tutorials will build on the lecture material and introduce you to four "Immunological Legends" of Australian research. The practical sessions will further illustrate particular concepts introduced in the lecture program and provide you with valuable exposure to a variety of very important immunological techniques.

Textbooks

IMMU3102

Molecular and Cellular Immunology

Credit points: 6
Teacher/Coordinator: Dr Allison Abendroth
Session: Semester 2
Classes: Three 1 hour lectures, one tutorial and one practical per fortnight.
Prerequisites: BMED2807 or IMMU2101 and 6cp of Intermediate units of study from Biochemistry or Biology or Microbiology or Molecular Biology and Genetics or Pharmacology or Physiology.
Prohibitions: IMMU3002, BMED3003
Assumed knowledge: Intermediate biochemistry and molecular biology and genetics.
Assessment: Formal examination: one 2 hour exam (60%). Progressive assessment: includes practical assessment (lab quizzes/practical assignment), 1500-word essay, tutorial presentation (40%).

Note: The completion of 6 CP of MBLG units of study is highly recommended. Concurrent study of IMMU3202 Immunology in Human Disease is strongly recommended.

This study unit builds on the series of lectures that outlined the general properties of the immune system, effector lymphocytes and their functions, delivered in the core courses, IMMU2101 - Introductory Immunology and BMED2807 - Microbes & Body Defences (formerly IMMU2001 and BMED2506). In this unit the molecular and cellular aspects of the immune system are investigated in detail. We emphasise fundamental concepts to provide a scientific basis for studies of the coordinated and regulated immune responses that lead to elimination of infectious organisms. Guest lectures from research scientists eminent in particular branches of immunological research are a special feature of the course. These provide challenging information from the forefront of research that will enable the student to become aware of the many components that come under the broad heading 'Immunology'. Three lectures (1 hour each) will be given each fortnight: 2 lectures in one week and one lecture the following week, for the duration of the course. This unit directly complements the unit "Immunology in human disease IMMU3202" and students are strongly advised to undertake these study units concurrently.

Textbooks

IMMU3202

Immunology in Human Disease

Credit points: 6
Teacher/Coordinator: Dr Allison Abendroth
Session: Semester 2
Classes: Three 1 hour lectures, one tutorial and one practical per fortnight.
Prerequisites: BMED2807 or IMMU2101 and 6cp of Intermediate units of study from Biochemistry, or Biology or Microbiology or Molecular Biology and Genetics or Pharmacology or Physiology.
Prohibitions: IMMU3002, BMED3003
Assumed knowledge: Intermediate biochemistry and molecular biology and genetics.
Assessment: Progressive assessment: includes practical assignment, portfolio of case studies, poster presentation, tutorial presentation (40%), Formal examination: one 2 hour exam (60%).

Note: The completion of 6CP of MBLG units of study is highly recommended. Concurrent study of IMMU3102 Molecular and Cellular Immunology is very strongly recommended.

This study unit builds on the series of lectures that outlined the general properties of the immune system, effector lymphocytes and their functions, delivered in the core courses, IMMU2101 - Introductory Immunology and BMED2807 - Microbes & Body Defences (formerly IMMU2001 and BMED2506). We emphasise fundamental concepts to provide a scientific basis for studies in clinical immunology; dysfunctions of the immune system e.g. autoimmune disease, immunodeficiencies, and allergy, and immunity in terms of host-pathogen interactions. This unit has a strong focus on significant clinical problems in immunology and the scientific background to these problems. The unit includes lectures from research scientists and clinicians covering areas such as allergy, immunodeficiency, autoimmune disease and transplantation. This course provides challenging information from the forefront of clinical immunology and helps the student develop an understanding of immune responses in human health and disease. Three lectures (1 hour each) will be given each fortnight: 2 lectures in one week and one lecture the following week, for the duration of the course. This unit directly complements the unit "Molecular and Cellular Immunology" and students are very strongly advised to undertake these study units concurrently.

Textbooks
Information Technologies

Information Technologies in the Bachelor of Science degree

The School of Information Technologies is part of the Faculty of Engineering and Information Technologies. In addition to providing professional training in Computer Science and Information Systems leading toward bachelor level degrees, it offers many units of study that students who are enrolled in the Faculty of Science may take as a part of a major in either Information Systems or Computer Science, or a minor in Information Technology. Details regarding the units of study required for the award of a Science major in Information Systems or Computer Science can be obtained from the Faculty of Science Handbook or from the website www.it.usyd.edu.au.

Special consideration applications for illness or misadventure

Students should note that applications for special consideration on grounds of illness or misadventure for COMP, INFO, ISYS or ELEC units are processed by the Faculty of Engineering

Minor in IT

Students enrolled in non-IT degrees or majors who, are eligible (upon application) for a Minor in Information Technology if they complete at least 18 credit points of intermediate or above units of study offered by the School of IT, within a completed degree. For further information see www.it.usyd.edu.au/future_students/undergrad/minor.shtml.

Computer Science

The requirements for a major in Computer Science are defined in Table 1. Computer Science is a scientific discipline which has grown out of the study of the ability of human beings to make and use machines. It is concerned with the design of computers, their applications in science, government and business, and the formal and theoretical properties which can be shown to characterise these applications. The current research interests in the School include algorithms, bioinformatics, data management, data mining and machine learning, internet working, wireless networks, network computing, biomedical image processing, parallel and distributed computing, user-adaptive systems and information visualisation. The School has a range of computers and specialised laboratories for its teaching and research.

Information Systems

The requirements for a major in Information Systems are defined in Table 1. Information Systems is the study of people and organisations in order to determine, and deliver solutions to meet, their technological needs. Hence Information Systems deals with the following type of issues: strategic planning, system development, system implementation, operational management, end-user needs and education. Information Systems study is related to Computer Science but the crucial distinction is that the Information Systems is about the architecture of computer systems and making them work for people, whereas much of Computer Science is about developing and improving the performance of computers. The School’s research in Information Systems encompasses natural language processing, IT economics, social networking analysis, ontologies design, data mining and knowledge management and open source software.

Summer School: January-February

This School sometimes offers some units of study in The Sydney Summer School. Consult The Sydney Summer School web site for more information: www.summer.usyd.edu.au/

Computer Science and Information Systems junior units of study

See the School web site www.it.usyd.edu.au for advice on choosing appropriate units of study from this list.

INFO1003 Foundations of Information Technology

Credit points: 6 Session: Semester 1, Semester 2 Classes: (Lec 2 hrs & Prac 2hrs) per week Prohibitions: INFO1000 or INFS1000 Assessment: Assignments (50%) and written exam (50%).

Information technologies (IT) and systems have emerged as the primary platform to support communication, collaboration, research, decision making, and problem solving in contemporary organisations. The essential necessity for all university students to acquire the fundamental knowledge and skills for applying IT effectively for a wide range of tasks is widely recognised. Foundations of Information Technology (INFO1003) is an introductory unit of study which prepares students from any academic discipline to develop the necessary knowledge, skills and abilities to be competent in the use of information technology for solving a variety of problems. The main focus of this unit is on modelling and problem solving through the effective use of using IT. Students will learn how to navigate independently to solve their problems on their own, and to be capable of fully applying the power of IT tools in the service of their goals in their own domains while not losing sight of the fundamental concepts of computing. Students are taught core skills related to general purpose computing involving a range of software tools such as spreadsheets, database management systems, internet search engine, HTML, and JavaScript. Students will undertake practical tasks including authoring an interactive website using HTML, JavaScript and AJAX and building a small scale application for managing information. In addition, the course will address the many social, ethical, and intellectual property issues arising from the wide-spread use of information technology in our society.

INFO1103 Introduction to Programming

Credit points: 6 Session: Semester 1, Semester 2 Classes: (Lec 1hr & Lab 2hrs) per week Prohibitions: SOFT (1001 or 1901) or COMP (1001 or 1901) or DECO2011 Assumed knowledge: HSC Mathematics Assessment: Assignment (20%), Quiz (15%), Lab Skills (5%), Final Exam (60%)

Programming in a legible, maintainable, reusable way is essential to solve complex problems in the pervasive computing environments. This unit will equip students with foundation of programming concepts that are common to widely used programming languages. The “fundamentals-first & objects-later” strategy is used to progressively guide this introductory unit from necessary and important building blocks of programming to the object-oriented approach. Java, one of the most popular programming languages, is used in this unit. It provides interdisciplinary approaches, applications and examples to support students from broad backgrounds such as science, engineering, and mathematics.

INFO1903 Informatics (Advanced)

Credit points: 6 Session: Semester 1 Classes: (Lec 3hrs & Prac 3hrs) per week Prerequisites: ATAR sufficient to enter BCST(Adv), BIT or BSc(Adv), or portfolio of work suitable for entry Assumed knowledge: HSC Mathematics Assessment: Assignments (30%), mid-sem exam (5%), report (15%) and written exam (50%)

Note: Department permission required for enrolment.
This unit covers advanced data processing and management, integrating the use of productivity software, e.g. spreadsheets and databases, with the development of custom software using the powerful general-purpose Python scripting language. It will focus on skills directly applicable to research in any quantitative domain. The unit will also cover presentation of data through written publications and dynamically generated web pages, visual representations and oral presentation skills. The assessment, a long project, involves the demonstration of these skills and techniques for processing and presenting data in a choice of domains.

INFO1105
Data Structures
Credit points: 6 Session: Semester 2 Classes: (Lec 2hrs & Prac 2hrs) per week Prohibitions: INFO1905 or SOFT (1002 or 1902) or COMP (1002 or 1902 or 2160 or 2860 or 2111 or 2861 or 2002 or 2902) Assumed knowledge: Programming, as for INFO1103 Assessment: Quiz (5%), Assignment (35%), Final Exam (60%)

The unit will teach some powerful ideas that are central to quality software: data abstraction and recursion. It will also show how one can analyse the scalability of algorithms using mathematical tools of asymptotic notation. Contents include: both external "interface" view, and internal "implementation" details, for commonly used data structures, including lists, stacks, queues, priority queues, search trees, hash tables, and graphs; asymptotic analysis of algorithm scalability, including use of recurrence relations to analyse recursive code. This unit covers the way information is represented in each structure, algorithms for manipulating the structure, and analysis of asymptotic complexity of the operations. Outcomes include: ability to write code that recursively performs an operation on a data structure; experience designing an algorithmic solution to a problem using appropriate data structures, coding the solution, and analysing its complexity.

INFO1905
Data Structures (Advanced)
Credit points: 6 Session: Semester 2 Classes: (Lec 2hrs & Prac 2hrs) per week Prerequisites: 75% or greater in INFO1103 or INFO1903 Prohibitions: INFO1105 or SOFT (1002 or 1902) or COMP (1002 or 1902) Assessment: Assignments (40%), Final Exam (60%)

An advanced alternative to INFO1105; covers material at an advanced and challenging level. See the description of INFO1105 for more information.

INFO1911
IT Special Project 1A
Credit points: 6 Session: Semester 1 Classes: Meeting 1 hour per week, project work 8 hours per week. Assessment: Project (100%)
Note: Department permission required for enrolment. Note: Enrolment in this unit of study is by invitation only.

This unit of study is specially designed for students in their first year of study who is an academic high achiever, as well as talented in IT areas of study. In this unit, students will be involved in advanced projects, which may be research-oriented, in which students apply problem solving and IT skills.

INFO1912
IT Special Project 1B
Credit points: 6 Session: Semester 2 Classes: Meeting 1 hour per week, project work 8 hours per week. Assumed knowledge: ATAR of at least 98 and High Distinction average in first year IT units of study and Distinction average in first year non-IT units of study. Assessment: Project (100%)
Note: Department permission required for enrolment. Note: Departmental permission is required.

This unit of study is specially designed for students in their first year of study who is an academic high achiever, as well as talented in IT areas of study. In this unit, students will be involved in advanced projects, which may be research-oriented, in which students apply problem solving and IT skills.

Computer Science and Information Systems
Intermediate units of study
It is important to choose second year subjects appropriately to keep options open for further study. See www.it.usyd.edu.au for advice.

COMP2007
Algorithms and Complexity
Credit points: 6 Session: Semester 2 Classes: (Lec 2hrs & Prac 2hrs) per week Prohibitions: COMP2907, COMP3309, COMP3609, COMP3111, COMP3811 Assumed knowledge: INFO1105, MATH1004 or MATH1904 Assessment: Assignments (20%), quizzes (20%) and final exam (60%)

This unit provides an introduction to the design and analysis of algorithms. The main aims are (i) to learn how to develop algorithmic solutions to computational problem and (ii) to develop understanding of algorithm efficiency and the notion of computational hardness.

COMP2007
Algorithms and Complexity (Advanced)
Credit points: 6 Session: Semester 2 Classes: (Lec 2hrs & Prac 2hrs) per week Prerequisites: Distinction level result in INFO1103 or INFO1903 OR (INFO1105 or INFO1905) Corequisites: (COMP2007 OR COMP2907) Assessment: Assignment (30%), Mid-Sem Exam (20%), Final Exam (50%)

An advanced alternative to COMP2007; covers material at an advanced and challenging level. This unit provides an introduction to the design and analysis of algorithms. The main aims are (i) to learn how to develop algorithmic solutions to computational problem and (ii) to develop understanding of algorithm efficiency and the notion of computational hardness.

COMP2121
Distributed Systems & Network Principles
Credit points: 6 Session: Semester 2 Classes: Lecture 2 hrs per week, Tutorial 2 hrs per week. Prerequisites: (INFO1103 or INFO1903) AND (INFO1105 or INFO1905) Corequisites: (COMP2007 OR COMP2907) Assessment: Assignment (30%), Mid-Sem Exam (20%), Final Exam (50%)

The unit will provide a broad introduction to the principles of distributed systems and their design; provide students the fundamental knowledge required to analyse and construct various types of distributed systems; explain the common architectural principles and approaches used in the design of networks at different scales (e.g. shared medium access and routing); introduce the programming skills required for developing distributed applications, and will cover the use of Java class libraries and APIs; cover common approaches and techniques in distributed resource management (e.g. task scheduling).

COMP2129
Operating Systems and Machine Principles
Credit points: 6 Session: Semester 2 Classes: Lecture 3 hours per week, Laboratory 2 hours per week. Prohibitions: SOFT2130, SOFT2830, SOFT2004, SOFT2904, COMP2004, COMP2904 Assumed knowledge: Programming, as from INFO1103 Assessment: Quizzes (15%), laboratory skills and reports (15%) and final written exam (70%)

In this unit of study elementary methods for developing robust, efficient and re-usable software will be covered. The unit is taught in C. in a Unix environment. Specific coding topics include memory management, the pragmatic aspects of implementing data structures such as lists and hash tables and managing concurrent threads. Debugging tools and techniques are discussed and common programming errors are considered along with defensive programming techniques to avoid such errors. Emphasis is placed on using common Unix tools to manage aspects of the software construction process, such as version control and regression testing. The subject is taught from a practical viewpoint and it includes a considerable amount of programming practice, using existing tools as building blocks to complete a large-scale task.

INFO2110
Systems Analysis and Modelling
Credit points: 6 Session: Semester 2 Classes: (Lec 2hrs & Prac 2hrs) per week Prohibitions: INFO2810, INFO2000, INFO2900 Assumed knowledge:
Experience with a data model as in INFO1003 or INFO1103 or INF5000

Assessment: Assignment (30%), Quiz (10%), Final Exam (60%)

This unit provides a comprehensive introduction to the analysis of complex systems. Key topics are the determination and expression of system requirements (both functional and non-functional), and the representation of structural and behavioural models of the system in UML notations. Students will be expected to evaluate requirements, documents and models as well as producing them. This unit covers essential topics from the ACM/IEEE SE2004 curriculum, especially from MAA Software Modelling and Analysis.

INFO2120

Database Systems 1

Credit points: 6 Session: Semester 1 Classes: (Lec 3hrs & Prac 2hrs) per week Prohibitions: INFO2282, INFO2005, INFO2005 Assumed knowledge: Some exposure to programming and some familiarity with data model concepts such as taught in INFO1103 or INFO1003 or INF5000 or INFO1903

Assessment: Assignment (30%), Quiz (10%), Final Exam (60%)

The proper management of data is essential for all data-centric applications and for effective decision making within organizations. This unit of study will introduce the basic concepts of database designs at the conceptual, logical and physical levels. Particular emphasis will be placed on introducing integrity constraints and the concept of data normalization which prevents data from being corrupted or duplicated in different parts of the database. This in turn helps in the data remaining consistent during its lifetime. Once a database design is in place, the emphasis shifts towards querying the data in order to extract useful information. The unit will introduce different query languages with a particular emphasis on SQL, which is industry standard. Other topics covered will include the important concept of transaction management, application development with a backend database, an overview of data warehousing and online analytic processing, and the use of XML as a data integration language.

INFO2820

Database Systems 1 (Advanced)

Credit points: 6 Session: Semester 1 Classes: (Lec 4hrs & Prac 2hrs) per week Prohibitions: Distinction-level result in INFO1003 or INFO1103 or INFO1903 or INFO1105 or INFO1905 Prohibitions: INFO2120, INFO2005, INFO2005 Assessment: Assignment (30%), Quiz (10%), Final Exam (60%)

The proper management of data is essential for all data-centric applications and for effective decision making within organizations. This unit of study is an advanced alternative to INFO2120 that will introduce the basic concepts of database designs at the conceptual, logical and physical levels. Particular emphasis will be placed on introducing integrity constraints and the concept of data normalization which prevents data from being corrupted or duplicated in different parts of the database. This in turn helps in the data remaining consistent during its lifetime. Once a database design is in place, the emphasis shifts towards querying the data in order to extract useful information. The unit will introduce different query languages with a particular emphasis on SQL and, in INFO2820, deductive databases and DATALOG, which are all industry standard. Other topics covered will include the important concept of transaction management, application development with a backend database, an overview of data warehousing and OLAP, and the use of XML as a data integration language.

INFO2315

Introduction to IT Security

Credit points: 6 Session: Semester 2 Classes: (Lec 2hrs & Prac 1hr) per week Prohibitions: NETS3305, NETS3905, NETS3016, NETS3916, ELEC5610, ELEC5616 Assumed knowledge: Computer literacy Assessment: In-course involvement (5%), assignments(35%) and written exam (60%).

This unit provides a broad introduction to the field of IT security. We examine secure and insecure programs, secure and insecure information, secure and insecure computers, and secure and insecure network infrastructure. Key content includes the main threats to security; how to analyse risks; the role in reducing risk that can be played by technical tools (such as encryption, signatures, access control, firewalls, etc); the limitations of technical defences; and the simple process and behavioural changes that can reduce risk.

INFO2911

IT Special Project 2A

Credit points: 6 Session: Semester 1 Classes: Meeting 1 hour per week, project work 8 hours per week. Prerequisites: Distinction average in non-IT units completed in previous year of study, high distinction average in IT units completed in previous year. Assessment: Project (100%)

Note: Department permission required for enrolment. Note: Departmental permission required.

This unit of study enables talented students to apply their IT knowledge from their first year study to more advanced and exciting projects. In this unit, students will be provided with the opportunity to be involved in projects will a greater research focus.

INFO2912

IT Special Project 2B

Credit points: 6 Session: Semester 1 Classes: Meeting 1 hour per week, project work 8 hours per week. Prerequisites: Distinction average in non-IT units completed in previous year of study, high distinction average in IT units completed in previous year. Assessment: Project (100%)

Note: Department permission required for enrolment. Note: Departmental permission required.

This unit of study enables talented students to apply their IT knowledge from their first year study to more advanced and exciting projects. In this unit, students will be provided with the opportunity to be involved in projects will a greater research focus.

ISYS2140

Information Systems

Credit points: 6 Session: Semester 1 Classes: (Lec 2hrs & Prac 3hrs) per week Prohibitions: ISYS2006, ISYS2007 Assumed knowledge: INFO1003 or INF5100 Assessment: Quiz (10%), Project (20%), Assignment (20%), Final Exam (50%)

This unit of study will provide a comprehensive conceptual and practical introduction to information systems (IS) in contemporary organisations. Content: General Systems Theory; Basic concepts of organisations, systems and information; The role of information systems in operating and managing organisations; How IS and the Internet enables organisations to adopt more competitive business models, including e-Commerce; The technologies that underpin IS; Distributed systems, including security, networking principles, the client server model and how distributed components locate and communicate with each other; The integration of disparate systems both within the organisation and between organisations, including the role of XML; Behavioural, managerial and ethical issues in implementing and managing IS.

Computer Science and Information Systems senior units of study in the BSc

Students are advised that doing less than 24 Senior credit points is not regarded as adequate preparation for a professional career in computing or for further study. Students are advised to balance their learning across years to ensure that they are appropriately equipped to undertake postgraduate study.

INFO2911

IT Special Project 2A

Credit points: 6 Session: Semester 1 Classes: Meeting 1 hour per week, project work 8 hours per week. Prerequisites: Distinction average in non-IT units completed in previous year of study, high distinction average in IT units completed in previous year. Assessment: Project (100%)

Note: Department permission required for enrolment. Note: Departmental permission required.

This unit of study enables talented students to apply their IT knowledge from their first year study to more advanced and exciting projects. In this unit, students will be provided with the opportunity to be involved in projects will a greater research focus.

INFO2912

IT Special Project 2B

Credit points: 6 Session: Semester 1 Classes: Meeting 1 hour per week, project work 8 hours per week. Prerequisites: Distinction average in non-IT units completed in previous year of study, high distinction average in IT units completed in previous year. Assessment: Project (100%)

Note: Department permission required for enrolment. Note: Departmental permission required.

This unit of study enables talented students to apply their IT knowledge from their first year study to more advanced and exciting projects. In this unit, students will be provided with the opportunity to be involved in projects will a greater research focus.

ISYS2140

Information Systems

Credit points: 6 Session: Semester 1 Classes: (Lec 2hrs & Prac 3hrs) per week Prohibitions: ISYS2006, ISYS2007 Assumed knowledge: INFO1003 or INF5100 Assessment: Quiz (10%), Project (20%), Assignment (20%), Final Exam (50%)

This unit of study will provide a comprehensive conceptual and practical introduction to information systems (IS) in contemporary organisations. Content: General Systems Theory; Basic concepts of organisations, systems and information; The role of information systems in operating and managing organisations; How IS and the Internet enables organisations to adopt more competitive business models, including e-Commerce; The technologies that underpin IS; Distributed systems, including security, networking principles, the client server model and how distributed components locate and communicate with each other; The integration of disparate systems both within the organisation and between organisations, including the role of XML; Behavioural, managerial and ethical issues in implementing and managing IS.

Computer Science and Information Systems senior units of study in the BSc

Students are advised that doing less than 24 Senior credit points is not regarded as adequate preparation for a professional career in computing or for further study. Students are advised to balance their workload between semesters. It is important to choose second year subjects appropriately to keep options open for further study. See www.it.usyd.edu.au for advice.

COMP3109

Programming Languages and Paradigms

Credit points: 6 Session: Semester 2 Classes: (Lec 2hrs & Tutorial 1hrs) per week Assumed knowledge: COMP2007 Assessment: In-course involvement, assignments(20%), quizzes(20%) and written exam (80%).

This unit provides an introduction to the foundations of programming languages and their implementation. The main aims are to teach what are: grammars, parsers, semantics, programming paradigms and implementation of programming languages.
COMP3008
Introduction to Artificial Intelligence
Credit points: 6 Session: Semester 1 Classes: (Lec 2hrs & Tut 1hr) per week
Prohibitions: COMP3006, COMP3002, COMP3902
Assumed knowledge: COMP2007
Assessment: Assignment (50%), Final Exam (50%)
Artificial Intelligence (AI) is all about programming computers to perform tasks normally associated with intelligent behaviour. Classical AI programs have played games, proved theorems, discovered patterns in data, planned complex assembly sequences and so on. This unit of study will introduce representations, techniques and architectures used to build intelligent systems. It will explore selected topics such as heuristic search, game playing, machine learning, and knowledge representation. Students who complete it will have an understanding of some of the fundamental methods and algorithms of AI, and an appreciation of how they can be applied to interesting problems. The unit will involve a practical component in which some simple problems are solved using AI techniques.

COMP3608
Intro. to Artificial Intelligence (Adv)
Credit points: 6 Session: Semester 1 Classes: (Lec 2hrs & Prac 1hrs) per week
Prohibitions: COMP3308, COMP3002, COMP3902
Assessment: Assignment (50%), Final Exam (50%)
An advanced alternative to COMP3308; covers material at an advanced and challenging level.

COMP3419
Graphics and Multimedia
Credit points: 6 Session: Semester 1 Classes: (Lec 2hrs & Prac 2hrs) per week
Prohibitions: MULT3306, MULT3309, MULT3904, MULT3904, COMP3004, COMP3904
Assumed knowledge: COMP2007, MATH1102
Assessment: In-course involvement(10%), assignments(20%), quizzes(10%) and written exam(60%)
Computer Graphics and Multimedia are core technologies to support an interdisciplinary computing and communication environment. This unit provides a broad introduction to the field of multimedia to meet the diverse requirements of application areas such as entertainment, industrial design, virtual reality, intelligent media management, medical imaging and remote sensing. The unit covers both the underpinning theories and the practices of manipulating and enhancing digital media including image, computer graphics, audio, computer animation, and video. It introduces principles and cutting-edge techniques such as multimedia data processing, content analysis, media retouching, media coding and compression. It elaborates on various multimedia coding standards. A particular focus is on principles and the state-of-the-art research and development topics of Computer Graphics such as modelling, rendering and shading, and texturing.

COMP3456
Computational Methods for Life Sciences
Credit points: 6 Session: Semester 2 Classes: (Lec 2hrs & Prac 2hrs) per week
Prohibitions: INFO1105 and (COMP2007 or INFO2120) and 6 credit points from BIOL or MBLG
Assessment: Lec (2hrs & Prac 2hrs) per week
Prohibitions: MULT3306, MULT3307, MULT3309, MULT3310, MULT3918, MULT3919, MULT3920, MULT3904, MULT3904, COMP3004, COMP3904
Assumed knowledge: COMP2007, MATH1102
Assessment: In-course involvement(10%), assignments(20%), quizzes(10%) and written exam(60%)

This unit introduces the algorithmic principles driving advances in the life sciences. It discusses biological and algorithmic ideas together, linking issues in computer science and biology and thus is suitable for students in both disciplines. Students will learn algorithm design and analysis techniques to solve practical problems in biology.

COMP3502
Operating Systems Internals
Credit points: 6 Session: Semester 1 Classes: (Lec 2hrs & Prac 2hrs) per week
Prohibitions: NETS3304, NETS3604, NETS3009, NETS3909, COMP3009, COMP3909
Assumed knowledge: COMP2129, INFO1105
Assessment: Lab reports (10%), assignments(30%) and written exam (60%)
This unit will provide a comprehensive discussion of relevant OS issues and principles and describe how those principles are put into practice in real operating systems. The contents include internal structure of OS; several ways each major aspect (process scheduling, inter-process communication, memory management, device management, file systems) can be implemented; the performance impact of design choices; case studies of common OS (Linux, MS Windows NT, etc). The contents also include concepts of distributed systems: naming and binding, time in distributed systems, resource sharing, synchronization models (distributed shared memory, message passing), fault-tolerance, and case study of distributed file systems.

COMP3615
Software Development Project
Credit points: 6 Session: Semester 2 Classes: (Meeting with academic supervisor 1hr & Class meeting 1hr) per week
Prohibitions: INFO3600, SOFT3300, SOFT3600, SOFT3200, SOFT3700
Assessment: Presentation/Seminar (20%), Report (70%), Progress Report (10%)
This unit will provide students an opportunity to apply the knowledge and practise the skills acquired in the prerequisite and qualifying units, in the context of designing and building a substantial software development system in diverse application domains including life sciences. Working in groups for an external client combined with academic supervision, students will need to carry out the full range of activities including requirements capture, analysis and design, coding, testing and documentation. Students will use the XP methodology and make use of professional tools for the management of their project.

INFO3220
Object Oriented Design
Credit points: 6 Session: Semester 1 Classes: (Lec 2hrs & Prac 2 hrs) per week
Prohibitions: SOFT3301, SOFT3601, SOFT3801, COMPP3008, COMP3908
Assumed knowledge: INFO2110, INFO1105
Assessment: Final Exam (70%), Assignment (26%), Quiz (4%)
This unit covers essential design methods and language mechanisms for successful object-oriented design and programming. C++ is used as the implementation language and a special emphasis is placed on those features of C++ that are important for solving real-world problems. Advanced software engineering features, including exceptions and name spaces are thoroughly covered.

INFO3315
Human-Computer Interaction
Credit points: 6 Session: Semester 2 Classes: (Lec 2hrs & Prac 1hr) per week
Prohibitions: MULT3307, MULT3309, MULT3310, MULT3918, MULT3919, MULT3920, SOFT3102, SOFT3802, COMP3102, COMP3802
Assumed knowledge: INFO2110
Assessment: Lab skills(10%), assignment(20%), quiz(10%) and written exam (60%)
This unit will introduce techniques to evaluate software user interfaces using heuristic evaluation and user observation techniques. Students will (i) learn how to design formal experiments to evaluate usability hypothesis and (ii) apply user centered design and usability engineering principles to design software user interfaces. A brief introduction to the psychological aspects of human-computer interaction will be provided.

INFO3402
Management of IT Projects and Systems
Credit points: 6 Session: Semester 1 Classes: (Lec 2hrs & Prac 1hr) per week
Prohibitions: SY5300, SY5301, SY5302, ELEC3100
Assumed knowledge: INFO2000, INFO2110, INFO2810, INFO2900
Assessment: Project (10%), Quiz (20%), Participation (20%), Final Exam (50%)
This course introduces the basic processes and techniques for managing IT projects, systems and services, throughout the IT lifecycle. It addresses both the technical and behavioural aspects of IT management at the enterprise level. Major topics include: organisational strategy and IT alignment, IT planning, project planning, tracking, resource estimation, team management, software testing, delivery and support of IT services, service level agreements, change and problem management, cost effectiveness and quality assurance.
INFO3404
Database Systems 2
Credit points: 6  Session: Semester 2  Classes: (Lec 2hrs & Prac 2hrs) per week  Prerequisites: INFO2120 or INFO2820 or INFO2905 or INFO2900, COMP3905. Students are expected to be familiar with SQL and the relational data model, and to have some programming experience. Assessment: Quiz (30%), Assignment (20%), Final Exam (50%)
This unit of study builds upon INFO2120 Database Systems 1 and provides a comprehensive overview of the internal mechanisms of Database Management Systems (DBMS) and other systems that manage large data collections. These skills are needed for successful performance tuning and to understand the scalability challenges faced by the information age. The first part of this subject focuses on mechanisms for large-scale data management. It provides a deep understanding of the internal components of a database engine. Topics include: physical data organization and disk-based index structures, query processing and optimisation, locking and logging, and database tuning. The second part focuses on the large-scale management of textual data such as by an information retrieval system or with web search engines. Topics include: distributed and replicated databases, information retrieval, document management, text index structures, web retrieval and page rank algorithms. The unit will be of interest to students seeking an introduction to database tuning, disk-based data structures and algorithms, and information retrieval. It will be valuable to those pursuing such careers as Software Engineers, Database Experts, Database Administrators, and e-Business Consultants.

INFO3504
Database Systems 2 (Adv)
Credit points: 6  Teacher/Coordinator: -  Session: Semester 2  Classes: (Lec 2hrs & Prac 2hrs) per week  Prerequisites: Distinction-level result in INFO2120 or INFO2900 or COMP3007 or COMP3009. Prohibitions: INFO3404, INFO3005, INFO3905, COMP3005, COMP3905. Assessment: Quiz (30%), Assignment (20%), Final Exam (50%)
This unit of study builds upon INFO2820 Database Systems 1 (Adv) and provides a comprehensive overview of the internal mechanisms of Database Management Systems (DBMS) and other systems that manage large data collections. These skills are needed for successful performance tuning and to understand the scalability challenges faced by the information age. The first part of this subject focuses on mechanisms for large-scale data management. It provides a deep understanding of the internal components of a database engine. Topics include: physical data organization and disk-based index structures, query processing and optimisation, locking and logging, and database tuning. The second part focuses on the large-scale management of textual data such as by an information retrieval system or with web search engines. Topics include: distributed and replicated databases, information retrieval, document management, text index structures, web retrieval and page rank algorithms. This is an advanced alternative to INFO3404; it covers material at an advanced and challenging level. In particular, students in this advanced stream will study an actual DBMS implementation on the source code level, and also gain practical experience in extending the DBMS code base.

INFO3600
Major Development Project (Advanced)
Credit points: 12  Session: Semester 2  Classes: Project Work - in class 2 hours per week, Site Visit 1 hour per week, Meeting 1 hour per week. Prerequisites: INFO3402 or ISYS3012 and (ISYS3401 or ISYS3015). Prohibitions: INFO3600, ISYS3207. Assumed knowledge: INFO2120. Assessment: Proposal (20%), In-course seminars and presentation (10%), Progress Report (10%), Final Exam (20%)
This unit will provide students an opportunity to apply the knowledge and practises the skills acquired in the prerequisite and qualifying units, in the context of a substantial information systems research or development project and to experience in a realistic way many aspects of analysing and solving information systems problems. Since information systems projects are often undertaken by small teams, the experience of working in a team is seen as an important feature of the unit. Students often find it difficult to work effectively with others and will benefit from the opportunity provided by this unit to further develop this skill.

ISYS3400
Information Systems Project
Credit points: 6  Session: Semester 2  Classes: (Meeting with academic supervisor 1hr & Class meeting 1hr) per week. Prerequisites: (INFO3402 or ISYS3012) and (ISYS3401 or ISYS3015). Prohibitions: INFO3600, ISYS3207. Assumed knowledge: INFO2120. Assessment: Proposal (20%), In-course seminars and presentation (10%), Progress Report (10%), Final Exam (20%)
This unit will provide students an opportunity to apply the knowledge and practises the skills acquired in the prerequisite and qualifying units, in the context of a substantial information systems research or development project and to experience in a realistic way many aspects of analysing and solving information systems problems. Since information systems projects are often undertaken by small teams, the experience of working in a team is seen as an important feature of the unit. Students often find it difficult to work effectively with others and will benefit from the opportunity provided by this unit to further develop this skill.

ISYS3401
Analytical Methods & Information Systems
Credit points: 6  Session: Semester 1  Classes: (Lec 2hrs & Prac 1hr) per week. Prerequisites: ISYS3015. Assumed knowledge: INFO2110, ISYS2140. Assessment: In-course quizzes (50%) and written exam (50%).
This course will provide an introduction to the scientific approach and basic research methods that are relevant for conceptualizing and solving complex problems encountered Information Systems practice. A collection of different methods for collecting and analyzing information will be studied in the context of a few typical information system projects. These methods include surveys, controlled experiments, questionnaire design and sampling.

Law units of study
The following units of study are only available to students in the Bachelor of Science/Bachelor of Laws degree.
LAW1006
Foundations of Law
Credit points: 6  Session: Semester 1  Classes: 1x1hr lec and 1x2hr seminar/ wk. Prohibitions: LAW1000. Assessment: class participation (20%), 1 x case analysis (30%), 1 x essay (50%)
This unit of study provides a foundation core for the study of law. We aim to provide a practical overview of the Australian legal system, an introduction to the skills of legal reasoning and analysis which are
necessary to complete your law degree, and an opportunity for critical engagement in debate about the role of law in our lives. The course will introduce students to issues such as: (i) the development of judge made and statute law, with a particular focus on English and Australian legal history; (ii) the relationship between courts and parliament; (iii) the role and function of courts, tribunals and other forms of dispute resolution; (iv) understanding and interrogating principles of judicial reasoning and statutory interpretation; (v) the relationship between law, government and politics; (vi) what are rights in Australian law, where do they come from and where are they going; (vii) the development and relevance of international law. The course focus may be subject to change.

**LAWS1012**

**Torts**

Credit points: 6  
Teacher/Coordinator: Prof Barbara McDonald, Mr Ross Anderson  
Session: S1 Intensive, Semester 2  
Classes: 6x1hr seminars for 6 weeks, semester 2 (combined law): 1x2hr lectures and 1x1hr seminars/wk. Prerequisites: LAWS1006, LAWS1005, LAWS1010, LAWS3001  
Assessment: Combined Law: 1x class test (30%); 1x tutorial participation (10%) and 1x 2hr exam (60%); Graduate Law: 1x class test (30%), 1x 2hr exam (70%).  
Note: Department permission required for enrolment in the following sessions: S1 Intensive.

This is a general introductory unit of study concerned with liability for civil wrongs. The unit seeks to examine and evaluate, through a critical and analytical study of primary and secondary materials, the function and scope of modern tort law and the rationale and utility of its governing principles. Particular topics on which the unit will focus include:

(a) The relationship between torts and other branches of the common law including contract and criminal law;

(b) The role of fault as the principal basis of liability in the modern law;

(c) Historical development of trespass and the action on the case and the contemporary relevance of this development;

(d) Trespass to the person (battery, assault, and false imprisonment);

(e) Trespass to land and private nuisance;

(f) The action on the case for intentional injury;

(g) Defences to intentional torts;

(h) Development and scope of the modern tort of negligence, including detailed consideration of duty of care and breach of duty and causation and remoteness of damage with particular reference to personal and psychiatric injury;

(i) Compensation for personal injuries, including special and alternative compensation schemes;

(j) Injuries to relational interests, including compensation to relatives of victims of fatal accidents;

(k) Defences to negligence.

**LAWS1013**

**Legal Research I**

Teacher/Coordinator: Mr Graeme Coss  
Session: Semester 1, Semester 2  
Classes: 6x1hr seminars  
Corequisites: LAWS1006  
Prohibitions: LAWS1008  
Assessment: Satisfactory attendance, WebCT-based quizzes and 1x in-class exam  
Note: Semester 1 classes are for Combined Law candidates in the faculties of Arts, Engineering and Science. Semester 2 classes are for Combined Law candidates in the Faculty of Economics & Business.

This is a compulsory unit taught on a pass/fail basis. The aim of the unit is to introduce you to finding and citing primary and secondary legal materials and introduce you to legal research techniques. These are skills which are essential for a law student and which you will be required to apply in other units.

**LAWS1014**

**Civil and Criminal Procedure**

Credit points: 6  
Teacher/Coordinator: Assoc Prof David Hamer  
Session: Semester 1, Semester 2  
Classes: 2x2hr seminars/wk for 10 weeks  
Prerequisites: LAWS1006, LAWS1012  
Prohibitions: LAWS1001, LAWS1007, LAWS3002, LAWS3004, LAWS2006  
Assessment: 1x optional non-redeemable take home exam (30%) and 1x 2hr final exam (70% or 100%)

This unit of study aims to introduce students to civil and criminal procedure. It is concerned with the procedures relating to civil dispute resolution and criminal justice which are separate to the substantive hearing. The unit will consider the features of an adversarial system of justice and its impact on process. Recent reforms to the adversarial system of litigation will be explored. The civil dispute resolution part of the unit will cover alternative dispute resolution, the procedures for commencing a civil action, case management, and evidence and the rules of privilege. Criminal process will be explored by reference to police powers, bail and sentencing. The course focuses on practical examples with consideration of the applicable legislation, ethics, and contextual and theoretical perspectives.
LAWS1017
Torts and Contracts II
Credit points: 6
Teacher/Coordinator: Assoc Prof Barbara McDonald, Mr Richard Anderson.
Session: Semester 2.
Main Classes: 1 x 2 hr lecture and 1 x 1 hr tutorial per wk.
Prerequisites: (LAWS1010 or LAWS1012) and LAWS1015
Assessment: 1 x 2000w assignment or class test (30%); tutorial participation (10%); 1 x 2 hour exam (60%).

The laws of tort and contract frequently overlap in practice and are increasingly regulated by statute. This unit aims to develop the integrated study of the law of obligations and remedies. It builds on the introduction to tort and contract law which students have acquired in Torts and Contracts. It will include the study of more advanced topics in both areas and the impact of related statutory liability and remedies. Topics:
(a) Concurrent, proportionate and vicarious liability;
(b) Tortious interference with goods;
(c) Liability for misrepresentation in tort, contract and under statute (eg statutory duties, s 52 Trade Practices Act 1974 (Cth));
(d) Liability for economic loss in tort, including some comparative study;
(e) Detailed consideration of causation and remoteness of damage in tort and contract;
(f) Damages for breach of contract;
(g) Unfair dealing in contracts and vitiating factors: mistake, misrepresentation, duress, undue influence, unconscionable conduct.

This topic includes a study of equitable principles and statutory rights.

LAWS1019
Legal Research II
Teacher/Coordinator: Mr Graeme Coss.
Session: Semester 1, Semester 2.
Classes: 4 x 2 hr seminars
Prerequisites: LAWS1013
Prohibitions: LAWS1008, LAWS1022
Assessment: Satisfactory attendance and 1 x class exam.

Note: Semester 1 classes are for Combined Law candidates in the faculties of Arts, Engineering and Science. Semester 2 classes are for Combined Law candidates in the Faculty of Economics & Business.

This is a compulsory unit taught on a pass/fail basis. It is a continuation of Legal Research I and covers advanced searching techniques and the use of Lexis.com, Westlaw and other complex commercial databases. The purpose of this unit is to further develop the skills you will need as a law student and to introduce you to the legal research skills you will need after graduation.

Marine Science
The University of Sydney Institute of Marine Science (USIMS) provides for undergraduate units of study of a transdisciplinary nature in the marine sciences at the Intermediate, Senior and Honours levels. Staff from the School of Biological Sciences and the School of Geosciences teach these units. For further information on all units of study, please refer to the Marine Science website http://sydney.edu.au/usims/study/majors.shtml

LAWS1019
Oceans, Coasts and Climate Change (Adv)
Credit points: 6
Teacher/Coordinator: Dr Ana Vila Concejero.
Session: Semester 1.
Classes: 26 x 1 hr lectures, 7 two hour practical classes, 4 x 1 hour workshops, 1 x 4 hour field work.
Prerequisites: Distinction average in 48 credit points from Junior units of study.
Prohibitions: GEOS2115, MARS2006
Assumed knowledge: (GEOG1001, GEOL1001, GEOL1002, GEOS1003, GEOS1903, ENVI1002, GEOL1902, GEOL1501)
Assessment: Field School Report (20%), Field and Lab report (45%), 2 web based online reports (15%), 1 one hour exam: subset of GEOS2115 (20%).

This unit has the same objectives as GEOS2115 and is suitable for students who wish to pursue aspects of the subject in greater depth.

Entry is restricted and selection is made from the applicants on the basis of their performance to date. Students who elect to take this unit will participate in alternatives to some aspects of the standard unit and will be required to pursue independent work to meet unit objectives.

Textbooks
Online reading materials are provided via Fisher Library.

BIOL2018
Introduction to Marine Biology
Credit points: 6
Teacher/Coordinator: Dr A Pile.
Session: Semester 2.
Classes: 2 x 1 hr lectures/week. Practical classes will comprise of 6 x 1 hr tutorials, 1 x 8 hr field excursion on a Saturday, 3 x 4 hr excursions, 1 x 3 hr practical.
Prerequisites: BIOL (1001 or 1911) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry.
Prohibitions: BIOL2918
Assumed knowledge: 12 credit points of Junior Biology.
Assessment: 1 x 2 hr theory exam (40%), 4 written reports (60%).

This unit will describe some of the ways in which the properties of the oceans affect marine organisms. It also introduces coral reefs and other marine ecosystems, together with their productivity, biological oceanography, the reproductive biology of marine organisms, and marine biological resources. The practical elements will provide the core skills and techniques that will equip students to perform laboratory and field studies in marine biology. The unit will introduce appropriate methodologies for the collection, handling and analysis of data; the scientific principles underlying experimental design; and the effective communication of scientific information.

Textbooks
Science units of study

BIO2918 Introduction to Marine Biology (Adv)
Credit points: 6  Teacher/Coordinator: A/Professor R Coleman  Session: Semester 2  2x1hr lectures per week, 6x1hr tutorials, 1x8hr field trip. 3x4hr field trips and 1x3hr practical. Prerequisites: Distinction average in BIOL (1001 or 1111) and 6 additional credit points of Junior Biology (BIOL/MBLG/EDUH). 12 credit points of Junior Chemistry (or for BSc (Marine Science) students 6 credit points of Junior Chemistry and either an additional 6 credit points of Junior Chemistry or 6 credit points of Junior Physics. These requirements may be varied and students with lower averages should consult the Unit Executive Officer. Prohibitions: BIOL2018, MARS2006, MARS2906, MARS2007, MARS2907  Assumed knowledge: 12 credit points of Junior Biology.  Assessment: Two hour theory exam, four written reports (100%)
Note: Entry is restricted and selection is made from applicants on the basis of previous performance.

This unit has the same objectives as BIO2018, Introduction to Marine Biology, and is suitable for students wishing to pursue aspects from the unit in greater depth. Students taking this unit will participate in alternatives to some elements of the ordinary level course and will be required to pursue the unit objectives by more independent means. Specific details of the unit will be announced in meetings, during the first week of teaching.

Textbooks
As for BIO2018

Marine Science senior units of study
Students can major in Marine Science, Marine Geoscience and Marine Biology by completing Senior units of study to a total worth of 24 credit points from the units listed in Table 1 for the respective majors. The marine science major is interdisciplinary so it must include at least one BIOL and one GEOS unit. Students in the specialist BSc (Marine Science) degree must enrol in a minimum of 36 credit points of Senior Marine Science units of study, which may include up to 3 Tropical Marine Science (NTMP) units, and which must include at least one BIOL and one GEOS unit. Students are encouraged to select those electives in which they have a particular interest, subject to certain conditions (see Table 1). Because of limited facilities available for some units of study, particularly in marine biology, it may be necessary to restrict number of students taking these electives. If this need arises selection will be based on academic merit and/or other courses completed. All students intending to enrol in any of the biology options must consult the booklet information for Students Considering Senior Biology Units of Study available from the School of Biological Sciences Office during the last few weeks of the academic year prior to this enrolment. Such students should also complete a preliminary enrolment form in the School of Biological Sciences before first semester commences.

Descriptions of senior Marine Science options
Students should consult electives as listed in this chapter under Biological Sciences and Geosciences in this handbook. BIO3006 Ecological Methods; BIO3007 Ecology; BIOL3008 Marine Field Ecology; BIOL3011 Ecophysiology; BIOL3013 Marine Biology; BIOL3016 Coral Reef Biology; GEOS3009 Coastal Environments and Processes; GEOS3014 GIS in Coastal Management; GEOS3015 Environmental Geomorphology; GEOS3018 Rivers: Science, Policy and Management; GEOS3103 Environmental & Sedimentary Geology; GEOS3104 Geophysical Methods; GEOS3102 Global Energy and Resources (and equivalent versions of these units).

Tropical Marine Network Program
Students enrolled in the BSc (Marine Science) are eligible to enrol in units of study offered as part of the Tropical Marine Network Program. This is a joint program of the University of Sydney, the University of Queensland and James Cook University, which offers four units of study in tropical marine science, all taught at marine island research stations off the Queensland coast. Students majoring in Marine Science or Marine Geoscience but who are not enrolled in the BSc (Marine Science) may be eligible for enrolment in some TMNP units subject to places available.

Stations used
The following stations will be used: Lizard Island (Australian Museum field station, north of Cairns); Orpheus Island (James Cook University field station, off Townsville); Heron Island (University of Queensland field station, off Gladstone); One Tree Island (University of Sydney field station, off Gladstone); North Stradbroke Island (University of Queensland field station, off Brisbane)

Teaching and assessment
The four units of study, each worth 6 credit points, are conducted as field schools offered only during the Easter (Semester 1 mid-semester) break and the July mid-year break. Each field school will run for approximately 10 days. Assessment will be based on participation and reports completed during the field school, and an assignment to be completed following the field school. The Coral Reef Ecosystems unit and the Coastal Management unit will be offered each year, together with one of the other two units. Students may enrol in these units in academic year 2 and year 3 as part of the BSc (Marine Science). Students enrolling in these units of study will be selected from the three participating Universities, as well as some overseas Study Abroad students. Preference will however be given to students enrolled in the program at the three participating universities.

Quotas on numbers of students enrolling in NTMP units
Owing to the size of facilities and accommodation at the island research stations all units will have a quota with entry based on merit. There are no Advanced versions of these units. For further information on the availability and timing of these units please refer to the website: www.usyd.edu.au/marine.

NTMPP3004 Aquaculture
Credit points: 6  Teacher/Coordinator: Professor Maria Byrne  Session: S2
Intensive Classes:  Fieldwork, 72 hours block mode. Prerequisites: 12 credit points from Intermediate Science units of study which must include at least 6 credit points of Biology. Assumed knowledge: General concepts in Biology.  Assessment: Assignments and report (100%)
Note: Department permission required for enrolment.

Aquaculture is an intensive unit that will be held on campus at James Cook University with field work at Orpheus Island and other locations in the Great Barrier Reef Marine Park. The unit focuses on approaches to aquaculture in tropical marine environments with a focus on sustainable aquaculture. Some exercises use the aquarium system on campus at James Cook University. Emphasis is given to aquaculture of tropical invertebrates (especially bivalves and clams) and fishes. 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.

NTMPP3005 Coastal Management
Credit points: 6  Teacher/Coordinator: Dr Ana Vila-Concejo  Session: S2
Intensive Classes: 80 hours block mode includes fieldwork Prerequisites: 12 credit points from Intermediate Science units of study Assumed knowledge: General concepts in coastal environments Assessment: Assignment and report (100%)
Note: Department permission required for enrolment.

This unit examines the impacts of human activities on coastal and marine environments. It explores the complex relationships among the ecological and social values of these environments and outlines strategies and tools for their management. This is an intensive unit that includes lectures on campus and at the Sydney Institute of Marine Science (SIMS) located in Chowder Bay as well as field trips to sites of interest.

Mathematics and Statistics
The School of Mathematics and Statistics offers units of study in Applied Mathematics, Mathematical Statistics and Pure Mathematics. The Junior units of study cover a range of topics in mathematics and statistics and are offered at three levels, viz. Introductory, Fundamental, and Advanced, to suit various levels of previous
knowledge. Intermediate, Senior and Honours units of study are mostly provided within one of the subject areas of Applied Mathematics, Mathematical Statistics and Pure Mathematics.

Applied Mathematics
Applied Mathematics is concerned with the development of mathematical and computing methods and their application in particular contexts which may arise in the natural sciences, engineering, economics or the social sciences. Units of study are designed to give training to students who will specialise in other subjects, and also for training applied mathematicians. While mathematical rigour is not neglected, particular emphasis is given to questions such as the treatment of observational models which are relevant to particular contexts.

Mathematical Statistics
Mathematical Statistics is concerned with the theory of probability and the mathematical methods of statistics applied to such problems as statistical inference, the design of experiments and sample surveys, and all problems of data analysis. The major units of study are designed to train those who wish to become professional statisticians, tertiary teachers and research workers, but there are units of study which provide a knowledge of statistical methods and techniques for students specialising in other fields.

Pure Mathematics
Pure Mathematics units of study have two main aims. One of these is to equip students with the background of mathematical knowledge, understanding and skill necessary for units of study in many branches of science. The other is the provision of training in pure mathematics necessary for those who wish to make a career in mathematics. This might be either in teaching or research or in one of the many avenues where highly developed mathematical ability and a thorough knowledge of modern mathematical techniques are required, such as computing, operations research, management, finance and economics.

Website: Further information about all units of study is available at www.maths.usyd.edu.au/Teaching.html

Summer School
This School offers some units of study in The Sydney Summer School (January-February). Consult The Sydney Summer School website for more information: www.summer.usyd.edu.au/

Mathematics Junior units of study
Various combinations of Junior units of study may be taken, subject to the prerequisites listed. Often specific Junior units of study are prerequisites for Mathematics and Statistics units in the Intermediate and Senior years. Before deciding on a particular combination of Junior units of study, students are advised to check carefully the prerequisites relating to Mathematics for all units of study.

Junior introductory unit of study
Students who have not studied a calculus course in high school may enrol in the Introduction to Calculus, 6-credit point unit.

MATH1111
Introduction to Calculus
Credit points: 6 Session: Semester 1 Classes: Three 1-hour lectures and two 1-hour tutorials per week. Prohibitions: MATH1001, MATH1901, MATH1011, MATH1906 Assumed knowledge: HSC General Mathematics Assessment: One 2-hour exam, assignments, quizzes (100%) Note: Department permission required for enrolment. Note: Students who have previously studied calculus at any level are prohibited from enrolling in this unit. In particular, students with HSC Mathematics/Extension 1/Extension 2 (or equivalent) are prohibited.

This unit is an introduction to the calculus of one variable. Topics covered include elementary functions, differentiation, basic integration techniques and coordinate geometry in three dimensions. Applications in science and engineering are emphasised.

Textbooks

As set out in the Junior Mathematics Handbook

Junior fundamental units of study
Fundamental units of study are designed to provide students with an overview of the necessary mathematical and statistical background for studies in other scientific disciplines. They are provided for students in the Faculty of Science whose major interests lies outside mathematics, but who require mathematics and statistics to support the study of other scientific disciplines. There are more details in the Junior Mathematics Handbook, available from the school at the time of enrolment.

Assumed knowledge
Knowledge equivalent to the HSC 2-unit Mathematics course is assumed. Students who do not have this knowledge are strongly advised to attend a bridging course conducted jointly by the School and the Mathematics Learning Centre in February.

Relationship of fundamental units to other units of study
The four fundamental units of study together give 12 credit points of mathematics, which is the minimum required by the BSc degree regulations. Students obtaining a Distinction in MATH1011 are encouraged to enrol in normal units of study in subsequent semesters. Students obtaining a Distinction or better in MATH1011, 1013 or 1014 may proceed to Intermediate units of study in the Mathematics Discipline Area. Students with a Credit or better in MATH1011 and a Pass or better in MATH1015 may proceed to Intermediate units of study in the Statistics discipline area. Students with a Pass in only MATH1015 are limited to the Intermediate Statistics units of study STAT2011 and STAT2012.

MATH1011
Applications of Calculus
Credit points: 3 Session: Semester 1, Summer Main Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prohibitions: MATH1111, MATH1001, MATH1901, MATH1906, BIOH1003 Assumed knowledge: HSC Mathematics Assessment: One 1.5 hour examination, assignments and quizzes (100%) This unit is designed for science students who do not intend to undertake higher year mathematics and statistics. It includes the fitting of data to various functions and demonstrates the use of calculus in optimisation problems. It extends differential calculus to functions of two variables and develops integral calculus, including the definite integral and multiple integrals.

Textbooks

As set out in the Junior Mathematics Handbook

MATH1013
Mathematical Modelling
Credit points: 3 Session: Semester 2, Summer Main Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prohibitions: MATH1003, MATH1903, MATH1907 Assumed knowledge: HSC Mathematics or MATH1111 Assessment: One 1.5 hour examination, assignments and quizzes (100%) MATH1013 is designed for science students who do not intend to undertake higher year mathematics and statistics.

In this unit of study students learn how to construct, interpret and solve simple differential equations and recurrence relations. Specific techniques include separation of variables, partial fractions and first and second order linear equations with constant coefficients. Students are also shown how to iteratively improve approximate numerical solutions to equations.

Textbooks

As set out in the Junior Mathematics Handbook

MATH1014
Introduction to Linear Algebra
Credit points: 3 Session: Semester 2 Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prohibitions: MATH1012, MATH1002, MATH1902 Assumed knowledge: HSC Mathematics or MATH1111 Assessment: One 1.5 hour exam, assignments, quizzes (100%)
This unit is an introduction to Linear Algebra. Topics covered include vectors, systems of linear equations, matrices, eigenvalues and eigenvectors. Applications in life and technological sciences are emphasised.

Textbooks
As set out in the Junior Mathematics Handbook.

MATH1015 Biostatistics
Credit points: 3 Session: Semester 1 Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prohibitions: MATH1005, MATH1005, STAT1021, STAT1022, ECMT1010, BIOM1003 Assumed knowledge: HSC Mathematics Assessment: One 1.5 hour examination, assignments and quizzes (100%)

MATH1015 is designed to provide a thorough preparation in statistics for students in the Biological and Medical Sciences. It offers a comprehensive introduction to data analysis, probability and sampling, inference including t-tests, confidence intervals and chi-squared goodness of fit tests.

Textbooks
As set out in the Junior Mathematics Handbook

Mathematics and Statistics Normal units of study
Normal units of study are designed for students who have both the necessary background and the interest in mathematics and who need to study mathematics beyond Junior units of study in order to satisfy their own aspirations or degree requirements. There are more details of these units of study in the Junior Mathematics Handbook, available from the School at the time of enrolment.

Assumed knowledge
For the units MATH1001, MATH1002 and MATH1004, knowledge equivalent to the HSC Mathematics Extension 1 course is assumed. The assumed knowledge for MATH1005 is HSC 2-unit Mathematics. For MATH1003 the assumed knowledge is MATH1001 or HSC Mathematics Extension 2.

Relation to other units of study and recommendations
Students should take at least two units of study in each semester in order to meet the minimum requirement of 12 credit points of Mathematics in the BSc award course. The usual enrolment for Normal level students is in the three units MATH1001, MATH1002, MATH1003 and (at least) one of MATH1004 and MATH1005. Passes in Junior units of study at this level qualify students to proceed to Intermediate units of study in Mathematics and Statistics. Students should note however that some Intermediate units of study in both Mathematics and Statistics require specific Junior units of study to be passed as prerequisites. Students obtaining a Credit or better in Normal units of study may enrol in other Advanced units of study.

MATH1001 Differential Calculus
Credit points: 3 Session: Semester 1, Summer Main Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prohibitions: MATH1011, MATH1901, MATH1906, MATH1111 Assumed knowledge: HSC Mathematics Extension 1 Assessment: One 1.5 hour examination, assignments and quizzes (100%)

MATH1001 is designed to provide a thorough preparation for further study in mathematics and statistics. It is a core unit of study providing three of the twelve credit points required by the Faculty of Science as well as a Junior level requirement in the Faculty of Engineering. This unit of study looks at complex numbers, functions of a single variable, limits and continuity, vector functions and functions of two variables. Differential calculus is extended to functions of two variables. Taylor's theorem as a higher order mean value theorem.

Textbooks
As set out in the Junior Mathematics Handbook.

MATH1002 Linear Algebra
Credit points: 3 Session: Semester 1, Summer Main Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prohibitions: MATH1902, MATH1012, MATH1014 Assumed knowledge: HSC Mathematics Extension 1 Assessment: One 1.5 hour examination, assignments and quizzes (100%)

MATH1002 is designed to provide a thorough preparation for further study in mathematics and statistics. It is a core unit of study providing three of the twelve credit points required by the Faculty of Science as well as a Junior level requirement in the Faculty of Engineering.

This unit of study introduces vectors and vector algebra, linear algebra including solutions of linear systems, matrices, determinants, eigenvalues and eigenvectors.

Textbooks
As set out in the Junior Mathematics Handbook

MATH1003 Integral Calculus and Modelling
Credit points: 3 Session: Semester 2, Summer Main Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prohibitions: MATH1013, MATH1903, MATH1907 Assumed knowledge: HSC Mathematics Extension 2 or MATH1001 or MATH1011 Assessment: One 1.5 hour examination, assignments and quizzes (100%)

MATH1003 is designed to provide a thorough preparation for further study in mathematics and statistics. It is a core unit of study providing three of the twelve credit points required by the Faculty of Science as well as a Junior level requirement in the Faculty of Engineering. This unit of study first develops the idea of the definite integral from Riemann sums, leading to the Fundamental Theorem of Calculus. Various techniques of integration are considered, such as integration by parts. The second part is an introduction to the use of first and second order differential equations to model a variety of scientific phenomena.

Textbooks
As set out in the Junior Mathematics Handbook

MATH1004 Discrete Mathematics
Credit points: 3 Session: Semester 2 Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prohibitions: MATH1015, MATH2011 Assumed knowledge: HSC Mathematics Extension 1 Assessment: One 1.5 hour examination, assignments and quizzes (100%)

MATH1004 is designed to provide a thorough preparation for further study in Mathematics. It is a core unit of study providing three of the twelve credit points required by the Faculty of Science. This unit provides an introduction to fundamental aspects of discrete mathematics, which deals with 'things that come in chunks that can be counted'. It focuses on the enumeration of a set of numbers, viz. Catalan numbers. Topics include sets and functions, counting principles, Boolean expressions, mathematical induction, generating functions and linear recurrence relations, graphs and trees.

Textbooks
As set out in the Junior Mathematics Handbook

MATH1005 Statistics
Credit points: 3 Session: Semester 2, Summer Main Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prohibitions: MATH1015, MATH1905, STAT1021, STAT1022, ECMT1010 Assumed knowledge: HSC Mathematics Assessment: One 1.5 hour examination, assignments and quizzes (100%)

MATH1005 is designed to provide a thorough preparation for further study in mathematics and statistics. It is a core unit of study providing three of the twelve credit points required by the Faculty of Science as well as a Junior level requirement in the Faculty of Engineering. This unit offers a comprehensive introduction to data analysis, probability, sampling, and inference including t-tests, confidence intervals and chi-squared goodness of fit tests.

Textbooks
As set out in the Junior Mathematics Handbook

Mathematics and Statistics Junior Advanced units of study
Advanced units of study are designed for students who have a strong background and a keen interest in mathematics and who need to
study mathematics at a higher level to satisfy their own aspirations or degree requirements. All students aiming for high achievement, such as an Honours degree or postgraduate study, are advised to enrol in Advanced units of study.

Content
The unit of study content is similar in outline to that of the Normal units of study above but proceeds more deeply and at a faster rate, covers more difficult material and requires more mathematical sophistication. There are more details of these units of study in the Junior Mathematics Unit of Study Handbook, available from the School at the time of enrolment.

Assumed knowledge
Knowledge equivalent to the HSC Mathematics Extension 2 course is assumed. Students who have a very good result in the equivalent of the HSC Mathematics Extension 1 course may be permitted to enrol in these units of study after discussion with a Mathematics adviser.

Relation to other units of study and recommendations
Students should take two units of study in each semester in order to meet the minimum requirement of 12 credit points of Mathematics in the BSc award course. The usual enrolment for Advanced level students is in the units MATH1001, MATH1002, MATH1003 and MATH1005. Passes in Junior units of study at this level qualify students to proceed to Intermediate units of study in Mathematics and Statistics at the Advanced level. It should be noted that some Intermediate and Senior units of study in both Mathematics and Statistics require specific Junior units of study as prerequisites. Students who are awarded at least a Credit grade in this level are encouraged to proceed to Intermediate units of study in Mathematics and Statistics at the Advanced level. Enrolment in MATH1906 or MATH1907 is by invitation only.

MATH1903
Integral Calculus and Modelling Advanced
Credit points: 3 Session: Semester 2 Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prerequisites: HSC Mathematics Extension 2. This requirement may be varied. Students with an interest in mathematics, but without HSC mathematics Extension 2, should consult the unit of study coordinator.
Prohibitions: MATH1003, MATH1013, MATH1907 Assumed knowledge: HSC Mathematics Extension 2 or Credit or better in MATH1001 or MATH1901
Assessment: One 1.5 hour examination, assignments and quizzes (100%)

MATH1903 is designed to provide a thorough preparation for further study in mathematics and statistics. It is a core unit of study providing three of the twelve credit points required by the Faculty of Science as well as a Junior level requirement in the Faculty of Engineering. This unit of study parallels the normal unit MATH1003 but goes more deeply into the subject matter and requires more mathematical sophistication.

Textbooks
As set out in the Junior Mathematics Handbook

MATH1905
Statistics (Advanced)
Credit points: 3 Session: Semester 2 Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prerequisites: HSC Mathematics Extension 2. This requirement may be varied. Students with an interest in mathematics, but without HSC mathematics Extension 2, should consult the unit of study coordinator.
Prohibitions: MATH1015, MATH1005, STAT1021, STAT1022, ECM1010
Assessment: One 1.5 hour examination, assignments and quizzes (100%)

This unit is designed to provide a thorough preparation for further study in mathematics and statistics. It is a core unit of study providing three of the twelve credit points required by the Faculty of Science as well as a Junior level requirement in the Faculty of Engineering. This Advanced level unit of study parallels the normal unit MATH1005 but goes more deeply into the subject matter and requires more mathematical sophistication.

Textbooks
As set out in the Junior Mathematics Handbook

MATH1906
Mathematics (Special Studies Program) A
Credit points: 3 Session: Semester 2 Classes: Two 1 hour lectures, one 1 hour seminar and one 1 hour tutorial per week. Prerequisites: UAI (or ATAR equivalent) of at least 98.5 and result in Band E4 HSC Mathematics Extension 2: by invitation
Prohibitions: MATH1111, MATH1001, MATH1013, MATH1901
Assessment: One 1.5 hour exam, assignments, classwork (100%)
Note: Department permission required for enrolment.

This is an Advanced unit of study. Entry to Mathematics (Special Studies Program) A is restricted to students with a UAI of 98.5 and an excellent school record in Mathematics. Students will cover the material in MATH1901 Differential Calculus (Advanced). In addition there will be a selection of special topics, which are not available elsewhere in the Mathematics and Statistics program.

MATH1907
Mathematics (Special Studies Program) B
Credit points: 3 Session: Semester 2 Classes: Two 1 hour lectures, one 1 hour seminar and one 1 hour tutorial per week. Prerequisites: Distinction in MATH1906; by invitation
Prohibitions: MATH1003, MATH1013, MATH1903
Assessment: One 1.5 hour exam, assignments, classwork (100%)
Note: Department permission required for enrolment.

This is an Advanced unit of study. Entry to Mathematics (Special Studies Program) B is normally restricted to students with a Distinction in MATH1906. Students will cover the material in MATH1903 Integral Calculus and Modelling (Advanced). In addition there will be a selection of special topics, which are not available elsewhere in the Mathematics and Statistics program.

Mathematics Intermediate units of study
The School of Mathematics provides a range of Intermediate units of study, each worth 6 credit points covering a variety of topics in Pure and Applied Mathematics. A normal Intermediate load in a discipline is 12 credit points and this is the minimum that should be undertaken
by anyone intending to specialise in Senior Mathematics. The units of study are taught at either the Normal or the Advanced level. Entry to an Advanced unit of study usually requires a Credit or better in a Normal level prerequisite or a Pass in an Advanced level prerequisite. For ease of overview the units of study are arranged under Pure, for students wishing to specialise in Pure Mathematics, and Applied, for those wishing to specialise in Applied Mathematics. Several units of study are suitable for either. Details of each unit of study appear below whilst full details of unit of study structure, content and examination procedures are provided in the Second Year Mathematics Handbook available from the School at the time of enrolment.

Pure units of study (each 6 credit points)

Algebra (Adv) MATH2968; Discrete Maths & Graph Theory MATH2906; Discrete Maths & Graph Theory (Adv) MATH2969; Linear Mathematics & Vector Calculus MATH2906; Linear Mathematics & Vector Calculus (Adv) MATH2961; Number Theory and Cryptography MATH2908; Real and Complex Analysis (Adv) MATH2962

Applied units of study (each 6 credit points)


Relation to other units of study and recommendations

In general, 2 units of study (12 credit points) of Intermediate mathematics are needed to progress to a Senior Mathematics unit of study. If your major interest is in mathematics, then you are strongly encouraged to enrol in at least 3 units of study in Intermediate Mathematics. If you are considering doing Honours in mathematics, they should include some Advanced units of study. Students intending to specialise in Applied Mathematics are encouraged to include MATH2906 or 2961, and MATH2905 or 2965. Students intending to specialise in Pure Mathematics should include MATH2901 or 2961. Students considering Honours in Pure Mathematics should also take MATH2962 and MATH2968. Computer Science students may like to include MATH2909 or 2991 among their choices. Physics students would be well-advised to choose MATH2906 or 2961, and MATH2905 or 2965. Prospective teachers of mathematics should consider MATH2901 and 2968.

MATH2916 Working Seminar A (SSP)

Credit points: 3 Session: Semester 1 Classes: One 1 hour seminar per week. Prerequisites: By invitation. High Distinction average over 12 credit points of Advanced Junior Mathematics Assessment: One 1 hour presentation, 15-20 page essay (100%) Note: Department permission required for enrolment.

The main aim of this unit is to develop the students' written and oral presentation skills. The material will consist of a series of connected topics relevant to modern mathematics and statistics. The topics are chosen to suit the students' background and interests, and are not covered by other mathematics or statistics units. The first session will be an introduction on the principles of written and oral presentation of mathematics. Under the supervision and advice of the lecturer(s) in charge, the students present the topics to the other students and the lecturer in a seminar series and a written essay in a manner that reflects the practice of research in mathematics and statistics.

MATH2901 Linear Mathematics and Vector Calculus

Credit points: 6 Session: Semester 2, Summer Main Classes: Three 1 hour lectures, one 1 hour tutorial and one 1 hour practice class per week. Prerequisites: MATH(1011 or 1001 or 1901 or 1906) and MATH(1014 or 1002 or 1902), and MATH(1003 or 1903 or 1907). Prohibitions: MATH2901, MATH2902, MATH2903, MATH2961, MATH2067 Assessment: One 2 hour exam, assignments, quizzes (100%) This unit starts with an introduction of linearity: linear functions, general principles relating to the solution sets of homogeneous and inhomogeneous linear equations (including differential equations), linear independence and the dimension of a linear space. The study of eigenvalues and eigenvectors, begun in junior level linear algebra, is extended and developed. The unit then moves on to topics from vector calculus, including vector-valued functions (parametrised curves and surfaces; vector fields; div, grad and curl; gradient fields and potential functions), line integrals (arc length; work; path-independent integrals and conservative fields; flux across a curve), iterated integrals (double and triple integrals; polar, cylindrical and spherical coordinates; areas, volumes and mass; Green's Theorem), flux integrals (flow through a surface; flux integrals through a surface defined by a function of two variables, though cylinders, spheres and parametrised surfaces), Gauss' Divergence Theorem and Stokes' Theorem.

MATH2906 Linear Mathematics & Vector Calculus Adv

Credit points: 6 Session: Semester 1 Classes: Four 1 hour lectures and one 1 hour tutorial per week. Prerequisites: MATH(1901 or 1906 or Credit in 1001) and MATH(1902 or Credit in 1002) and MATH(1903 or 1907 or Credit in 1003) Prohibitions: MATH2901, MATH2902, MATH2903, MATH2906, MATH2967 Assessment: 2 hour exam, assignments (100%) This unit is an advanced version of MATH2901, with more emphasis on the underlying concepts and on mathematical rigour. Topics from linear algebra focus on the theory of vector spaces and linear transformations. The connection between matrices and linear transformations is studied in detail. Determinants, introduced in first year, are revised and investigated further, as are eigenvalues and eigenvectors. The calculus component of the unit includes local maxima and minima, Lagrange multipliers, the inverse function theorem and Jacobians. There is an informal treatment of multiple integrals: double integrals, change of variables, triple integrals, line and surface integrals, Green's theorem and Stokes' theorem.

MATH2902 Real and Complex Analysis (Advanced)

Credit points: 6 Session: Semester 1 Classes: Three 1 hour lectures, one 1 hour tutorial and one 1 hour practice class per week. Prerequisites: MATH (1901 or 1906 or Credit in 1001) and MATH (1902 or Credit in 1002) and MATH (1903 or 1907 or Credit in 1003) Prohibitions: MATH2901, MATH2902, MATH2903, MATH2906, MATH2907 Assessment: 2 hour exam, assignments, quizzes (100%) Analysis is one of the fundamental topics underlying much of mathematics including differential equations, dynamical systems, differential geometry, topology and Fourier analysis. Starting off with an axiomatic description of the real number system, this first course in analysis concentrates on the limiting behaviour of infinite sequences and series on the real line and the complex plane. These concepts are then applied to sequences and series of functions, looking at point-wise and uniform convergence. Particular attention is given to power series leading into the theory of analytic functions and complex
Math Computing and Nonlinear Systems
Credit points: 6 Session: Semester 1 Classes: Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week (lectures in common with MATH2963). Prerequisites: MATH (1901 or 1906 or Credit in 1001) and MATH (1902 or Credit in 1002), and MATH (1903 or 1907 or Credit in 1003). Prohibitions: MATH2003, MATH2093, MATH2006, MATH2096, MATH2093. Assessment: 2 hour exam, assignments, quizzes (100%)

This unit will introduce students to techniques of mathematical computation as applied to nonlinear systems, using the numerical programming language MATLAB and, where appropriate, computer algebra. This knowledge will be applied to a number of modelling problems, particularly those involving nonlinear mappings and nonlinear ordinary differential equations (ODEs). Throughout the unit of study the essential nonlinear theory will be developed, and the resulting ideas will be explored computationally. This will allow us to explore the modern concepts of chaos using a variety of examples, including the logistic map, the Henon map and the Lorenz equations.

No prior knowledge of programming or of the MATLAB language or computer algebra is required.

Math Computing & Nonlinear Systems (Adv)
Credit points: 6 Session: Semester 1 Classes: Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week (lectures in common with MATH2963). Prerequisites: MATH (1901 or 1906 or Credit in 1001) and MATH (1902 or Credit in 1002) and MATH (1903 or 1907 or Credit in 1003). Prohibitions: MATH2003, MATH2093, MATH2006, MATH2096, MATH2093. Assessment: 2 hour exam, assignments, quizzes (100%)

The content of this unit of study parallels that of MATH2063, but both computational and theory components will place more emphasis on Advanced topics, including Lyapunov exponents, stability, 2- and 3-cycles for mappings and concepts such as strange attractors. No prior knowledge of programming or of the MATLAB language or computer algebra is required.

Partial Differential Equations (Intro)
Credit points: 6 Session: Semester 2, Summer Main Classes: Three 1 hour lectures, one 1 hour tutorial, one 1 hour example class per week. Prerequisites: MATH (1901 or 1001 or 1901 or 1906) and MATH (1901 or 1002 or 1902) and MATH (1003 or 1903 or 1907) Prohibitions: MATH2005, MATH2095, MATH2096, MATH2097. Assessment: 2 hour exam, mid-semester test, assignments (100%)

This is an introductory course in the analytical solutions of PDEs (partial differential equations) and boundary value problems. The techniques covered include separation of variables, Fourier series, Fourier transforms and Laplace transforms.

Partial Differential Equations Intro Adv
Credit points: 6 Session: Semester 2 Classes: Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week (lectures in common with MATH2065). Prerequisites: MATH (2091 or 1901 or 1907 or 2092) and MATH (2091 or Credit in 2091) and MATH (2092 or Credit in 2092). Prohibitions: MATH2005, MATH2095, MATH2096, MATH2097. Assessment: 2 hour exam, assignments (100%)

This unit of study is essentially an Advanced version of MATH2065, the emphasis being on solutions of differential equations in applied mathematics. The theory of ordinary differential equations is developed for second order linear equations, including series solutions, special functions and Laplace transforms, and boundary-value problems including separation of variables, Fourier series and Fourier transforms.

Number Theory and Cryptography
Credit points: 6 Session: Semester 2 Classes: Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week. Prerequisites: 6 credit points of Junior level Mathematics. Prohibitions: MATH2024, MATH3009, MATH2988. Assumed knowledge: MATH (1011 or 1002 or 1902)

Assessment: 2 hour exam, assignments, quizzes (100%)

Cryptography is the branch of mathematics that provides the techniques for confidential exchange of information sent via possibly insecure channels. This unit introduces the tools from elementary number theory that are needed to understand the mathematics underlying the most commonly used modern public-key cryptosystems. Topics include the Euclidean Algorithm, Fermat's Little Theorem, the Chinese Remainder Theorem, Möbius Inversion, the RSA Cryptosystem, the ElGamal Cryptosystem and the Diffie-Hellman Protocol. Issues of computational complexity are also discussed.

Number Theory and Cryptography Advanced
Credit points: 6 Session: Semester 2 Classes: Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week. Prerequisites: At least 6cp from MATH (1001 or Credit in 1001), MATH (1902 or Credit in 1002), MATH (1903 or Credit in 1003), MATH (1904 or Credit in 1004), MATH (1905 or Credit in 1005), MATH1906, MATH1907, MATH (2961 or Credit in MATH2061), MATH2962 or MATH (2969 or Credit in MATH2069). Prohibitions: MATH2068. Assessment: 2 hour exam, homework assignments (100%)

This unit of study is an advanced version of MATH2068, sharing the same lectures but with more advanced topics introduced in the tutorials and computer laboratory sessions.

Algebra (Advanced)
Credit points: 6 Session: Semester 2 Classes: Three 1 hour lectures, one 1 hour tutorial and one 1 hour practice class per week. Prerequisites: 9 credit points of Junior Mathematics (advanced level or Credit at normal level) including (MATH1902 or Credit in MATH1002). Prohibitions: MATH2908, MATH2918, MATH2008. Assessment: 2 hour exam, assignments (100%)

This unit provides an introduction to modern abstract algebra, via linear algebra and group theory. It extends the linear algebra covered in Junior Mathematics and in MATH2961, and proceeds to a classification of linear operators on finite dimensional spaces. Permutation groups are used to introduce and motivate the study of abstract group theory. Topics covered include actions of groups on sets, subgroups, homomorphisms, quotient groups and the classification of finite abelian groups.

Discrete Mathematics and Graph Theory
Credit points: 6 Session: Semester 1 Classes: Three 1 hour lectures, one 1 hour tutorial and one 1 hour practice class per week. Prerequisites: 6 credit points of Junior level Mathematics. Prohibitions: MATH2011, MATH2009, MATH2969. Assessment: 2 hour exam, assignments, quizzes (100%)

This unit introduces students to several related areas of discrete mathematics, which serve their interests for further study in pure and applied mathematics, computer science and engineering. Topics to be covered in the first part of the unit include recursion and induction, generating functions and recurrences, combinatorics, asymptotics and analysis of algorithms. Topics covered in the second part of the unit include Eulerian and Hamiltonian graphs, the theory of trees (used in the study of data structures), planar graphs, the study of chromatic polynomials (important in scheduling problems), maximal flows in networks, matching theory.

Discrete Mathematics & Graph Theory Adv
Credit points: 6 Session: Semester 1 Classes: Three 1 hour lectures, one 1 hour tutorial and one 1 hour practice class per week. Prerequisites: 9 credit points of Junior Mathematics (advanced level or Credit at the normal level). Prohibitions: MATH2011, MATH2009, MATH2969. Assessment: 2 hour exam, assignments, quizzes (100%)

This unit will cover the same material as MATH2069 with some extensions and additional topics.

Optimisation and Financial Mathematics
Credit points: 6 Session: Semester 2, Summer Main Classes: Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week.
Mathematics Senior units of study

The School of Mathematics and Statistics provides a range of senior units of study in the Science Subject Area MATH. (The separate Science Subject Area STAT is dealt with in the next section.) Each unit of study is worth 6 credit points; students wishing to obtain a major in mathematics must therefore take at least 4 units of senior mathematics, while those wishing to obtain a double major must take 8. To proceed to honours in either Applied Mathematics or Pure Mathematics, students must have a major in mathematics. Honours entry is further restricted to students attaining a sufficiently high average mark in their senior year. Students interested in doing honours should consult the School to find out the precise details, and obtain advice on an appropriate senior year program. As well as majors in Mathematics and Statistics, the School offers a major in Financial Mathematics and Statistics. The precise requirements for this major can be found in Table 1. Alternatively, consult the School directly.

Normal and Advanced

Each unit of study is designated either as “Normal” or “Advanced”. Advanced units have more stringent prerequisites than normal units, and are significantly more demanding. Although the precise requirements vary from unit to unit, it is generally inadvisable for a student who has not achieved a Credit average in intermediate level mathematics to attempt an advanced senior mathematics unit.

Semester 1

MATH3061 Differential Equations and Biomaths; MATH3065 Logic and Foundations; MATH3076 Mathematical Computing; MATH3961 Metric Spaces (Advanced); MATH3962 Rings, Fields and Galois Theory (Adv); MATH3963 Differential Equations and Biomaths (Adv); MATH3974 Fluid Dynamics (Advanced); MATH3976 Mathematical Computing (Advanced)

Semester 2

MATH3061 Geometry and Topology; MATH3062 Algebra and Number Theory; MATH3067 Information and Coding Theory (Not offered in 2009) MATH3075 Financial Mathematics; MATH3078 PDEs and Waves; MATH3964 Complex Analysis with Applications (Advanced) (Not offered in 2009) MATH3966 Modules and Group Representations (Adv); MATH3968 Differential Geometry (Adv); MATH3969 Measure Theory & Fourier Analysis (Adv); MATH3975 Financial Mathematics (Advanced); MATH3977 Lagrangian & Hamiltonian Dynamics (Adv); MATH3978 PDEs and Waves (Advanced)

Relation to other units of study and recommendations

In general, 4 units of study (24 credit points) are required in order to major in Mathematics and a credit average is required to progress to an Honours year. Potential Honours students are strongly encouraged to include one or more Advanced level unit(s) of study and seek advice from a Senior year coordinator. Particular combinations would be suitable for students with special interests.

Computer Science students

MATH3065, MATH3062, MATH3076/3976, MATH3062, MATH3067, MATH3066, MATH3061, MATH3075/3975.

Engineering (BSc/BE) students

MATH3961, MATH3068, MATH3063/3963, MATH3065, MATH3974, MATH3076/3976, MATH3969, MATH3078/3978, MATH3968, MATH3067, MATH3977, MATH3964, MATH3075/3975.

Physics or Chemistry students

MATH3061/3961, MATH3068, MATH3962, MATH3063/3963, MATH3065, MATH3974, MATH3076/3976, MATH3969, MATH3966, MATH3968, MATH3078/3978, MATH3964, MATH3977, 3075/3975, MATH3067.

Prospective teachers of Mathematics

MATH3065, MATH3068, MATH3063/3963, MATH3962, MATH3961, MATH3076/3976, MATH3067, MATH3062, MATH3061, MATH3078/3978.

MATH3061

Geometry and Topology

Credit points: 6 Session: Semester 2 Classes: Three 1 hour lectures and one 1 hour tutorial per week. Prerequisites: 12 credit points of Intermediate Mathematics Prohibitions: MATH3001, MATH3006 Assessment: One 2 hour exam, tutorial tests, assignments (100%) The aim of the unit is to expand visual/geometric ways of thinking. The geometry section is concerned mainly with transformations of the Euclidean plane (that is, bijections from the plane to itself), with a focus on the study of isometries (proving the classification theorem for transformations which preserve distances between points), symmetries (including the classification of frieze groups) and affine transformations (transformations which map lines to lines). The basic approach is via vectors and matrices, emphasising the interplay between geometry and linear algebra. The study of affine transformations is then extended to the study of collineations in the real projective plane, including collineations which map conics to conics. The topology section considers graphs, surfaces and knots from a combinatorial point of view. Key ideas such as homeomorphism, subdivision, cutting and pasting and the Euler invariant are introduced first for graphs (1-dimensional objects) and then for triangulated surfaces (2-dimensional objects). Topics include the classification of surfaces, map colouring, decomposition of knots and knot invariants.

MATH3961

Metric Spaces (Advanced)

Credit points: 6 Session: Semester 1 Classes: Three 1 hour lectures and one 1 hour tutorial per week. Prerequisites: 12 credit points of Intermediate Mathematics units Prohibitions: MATH3001, MATH3001 Assumed knowledge: MATH2961 or MATH2962 Assessment: 2 hour exam, assignments, quizzes (100%)
Topology, developed at the end of the 19th Century to investigate the subtle interaction of analysis and geometry, is now one of the basic disciplines of mathematics. A working knowledge of the language and concepts of topology is essential in fields as diverse as algebraic number theory and non-linear analysis. This unit develops the basic ideas of topology using the example of metric spaces to illustrate and motivate the general theory. Topics covered include: Metric spaces, convergence, completeness and the contraction mapping theorem; Metric topology, open and closed subsets; Topological spaces, subspaces, product spaces; Continuous mappings and homeomorphisms; Compact spaces; Connected spaces; Hausdorff spaces and normal spaces. Applications include the implicit function theorem, chaotic dynamical systems and an introduction to Hilbert spaces and abstract Fourier series.

MATH3962
Algebra and Number Theory
Credit points: 6  Session: Semester 1 Classes: Three 1 hour lectures and one 1 hour tutorial per week. Prerequisites: 12 credit points of Intermediate Mathematics Prohibitions: MATH3962, MATH3902, MATH3002, MATH3009 Assessment: One 2 hour exam, quizzes and assignments (100%)
Note: Students are advised to take MATH(2068 or 2968) before attempting this unit.

The first half of the unit continues the study of elementary number theory, with an emphasis on the solution of Diophantine equations (for example, representing integers as sums of squares). Topics include the Law of Quadratic Reciprocity, representing an integer as the sum of two squares, and continued fractions. The second half of the unit introduces the abstract algebraic concepts which arise naturally in this context: rings, fields, irreducibles and unique factorisation. Polynomial rings, algebraic numbers and constructible numbers are also discussed.

MATH3962
Rings, Fields and Galois Theory (Adv)
Credit points: 6  Session: Semester 1 Classes: Three 1 hour lectures and one 1 hour tutorial per week. Prerequisites: 12 credit points of Intermediate Mathematics Prohibitions: MATH3062, MATH3902, MATH3002 Assumed knowledge: MATH2961 Assessment: One 2 hour exam, homework assignments (100%)
Note: Students are advised to take MATH2968 before attempting this unit.

This unit of study investigates the modern mathematical theory that was originally developed for the purpose of studying polynomial equations. The philosophy is that it should be possible to factorize any polynomial into a product of linear factors by working over a "large enough" field (such as the field of all complex numbers). Viewed like this, the problem of solving polynomial equations leads naturally to the problem of understanding extensions of fields. This in turn leads into the area of mathematics known as Galois theory.

The basic theoretical tool needed for this program is the concept of a ring, which generalizes the concept of a field. The course begins with examples of rings, and associated concepts such as subrings, ring homomorphisms, ideals and quotient rings. These tools are then applied to study quotient rings of polynomial rings. The final part of the course deals with the basics of Galois theory, which gives a way of understanding field extensions.

MATH3963
Differential Equations and Biomaths
Credit points: 6  Session: Semester 1 Classes: Three 1 hour lectures and one 1 hour tutorial per week. Prerequisites: 12 credit points of Intermediate Mathematics Prohibitions: MATH3020, MATH3920, MATH3003, MATH3923, MATH3963 Assumed knowledge: MATH2961 Assessment: One 2 hour exam, assignments, quizzes (100%)

This unit of study is an introduction to the theory of systems of ordinary differential equations. Such systems model many types of phenomena in engineering, biology and the physical sciences. The emphasis will not be on finding explicit solutions, but instead on the qualitative features of these systems, such as stability, instability and oscillatory behaviour. The aim is to develop a good geometrical intuition into the behaviour of solutions to such systems. Some background in linear algebra, and familiarity with concepts such as limits and continuity, will be assumed. The applications in this unit will be drawn from predator-prey systems, transmission of diseases, chemical reactions, beating of the heart and other equations and systems from mathematical biology.

MATH3963
Differential Equations & Biomaths (Adv)
Credit points: 6  Session: Semester 1 Classes: Three 1 hour lectures and one 1 hour tutorial per week. Prerequisites: 12 credit points of Intermediate Mathematics Prohibitions: MATH3020, MATH3920, MATH3003, MATH3923, MATH3963 Assumed knowledge: MATH2961 Assessment: One 2 hour exam, assignments, quizzes (100%)

The theory of ordinary differential equations is a classical topic going back to Newton and Leibniz. It comprises a vast number of ideas and methods of different nature. The theory has many applications and stimulates new developments in almost all areas of mathematics. The applications in this unit will be drawn from predator-prey systems, transmission of diseases, chemical reactions, beating of the heart and other equations and systems from mathematical biology. The emphasis is on qualitative analysis including phase-plane methods, bifurcation theory and the study of limit cycles. The more theoretical part includes existence and uniqueness theorems, stability analysis, linearisation, and hyperbolic critical points, and omega limit sets.

MATH3964
Complex Analysis with Applications (Adv)
This unit of study is not available in 2011
Credit points: 6  Session: Semester 2 Classes: Three 1 hour lectures and one 1 hour tutorial per week. Prerequisites: 12 credit points of Intermediate Mathematics Prohibitions: MATH3904, MATH3915 Assumed knowledge: MATH2962 Assessment: One 2 hour exam, assignments and quizzes

This unit continues the study of functions of a complex variable and their applications introduced in the second year unit Real and Complex Analysis (MATH2962). It is aimed at highlighting certain topics from analytic function theory and the analytic theory of differential equations that have intrinsic beauty and wide applications. This part of the analysis of functions of a complex variable will form a very important background for students in applied and pure mathematics, physics, chemistry and engineering.

The course will begin with a revision of properties of holomorphic functions and Cauchy theorem with added topics not covered in the second year course. This will be followed by meromorphic functions, entire functions, harmonic functions, elliptic functions, elliptic integrals, analytic differential equations, hypergeometric functions. The rest of the course will consist of selected topics from Greens functions, complex differential forms and Riemann surfaces.

MATH3965
Logic and Foundations
Credit points: 6  Session: Semester 1 Classes: Three 1 hour lectures and one 1 hour tutorial per week. Prerequisites: 6 credit points of Intermediate Mathematics Prohibitions: MATH3005 Assessment: One 2 hour exam, tutorial tests, assignments (100%)

This unit is in two halves. The first half provides a working knowledge of the propositional and predicate calculus, discussing techniques of proof, consistency, models and completeness. The second half discusses notions of computability by means of Turing machines (simple abstract computers). (No knowledge of computer programming is assumed.) It is shown that there are some mathematical tasks (such as the halting problem) that cannot be carried out by any Turing machine. Results are applied to first-order Peano arithmetic, culminating in Gödel's Incompleteness Theorem: any statement that includes first-order Peano arithmetic contains true statements that cannot be proved in the system. A brief discussion is given of Zermelo-Fraenkel set theory (a candidate for the foundations of mathematics), which still succumbs to Gödel's Theorem.
This unit deals first with generalized linear algebra, in which the field of scalars is replaced by an integral domain. In particular we investigate the structure of modules, which are the analogues of vector spaces in this setting, and which are of fundamental importance in modern pure mathematics. Applications of the theory include the solution over the integers of simultaneous equations with integer coefficients and analysis of the structure of finite abelian groups.

In the second half of this unit we focus on linear representations of groups. A group occurs naturally in many contexts as a symmetry group of a set or space. Representation theory provides techniques for analysing these symmetries. The component will deal with the decomposition of representation into simple constituents, the remarkable theory of characters, and orthogonality relations which these characters satisfy.

This unit is an introduction to Differential Geometry, using ideas from calculus of several variables to develop the mathematical theory of geometrical objects such as curves, surfaces and their higher-dimensional analogues. Differential geometry also plays an important part in both classical and modern theoretical physics. The initial aim is to develop geometrical ideas such as curvature in the context of curves and surfaces in space, leading to the famous Gauss-Bonnet formula relating the curvature and topology of a surface. A second aim is to present the calculus of differential forms as the natural setting for the key ideas of vector calculus, along with some applications.

Measurement theory is the study of such fundamental ideas as length, area, volume, arc length and surface area. It is the basis for the integration theory used in advanced mathematics since it was developed by Henri Lebesgue in about 1900. Moreover, it is the basis for modern probability theory. The course starts by setting up measure theory and integration, establishing important results such as Fubini’s Theorem and the Dominated Convergence Theorem which allow us to manipulate integrals. This is then applied to Fourier Analysis, and results such as the Inversion Formula and Plancherel’s Theorem are derived. Probability Theory is then discussed, with topics including independence, conditional probabilities, and the Law of Large Numbers.

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pricing exotic options, option pricing, and partial differential equations is an advantage, but is not essential. Students completing this unit have been highly sought by the finance industry, which continues to need graduates with quantitative skills. Students enrolled in this unit at the Advanced level will be expected to undertake more challenging assessment tasks. The lectures in the Advanced unit are held concurrently with those of the corresponding Advanced unit.

**MATH3975**

Financial Mathematics (Advanced)

**Credit points:** 6

**Session:** Semester 2

**Classes:** Three 1 hour lectures and one 1 hour tutorial per week.

**Prerequisites:** 12 credit points of Intermediate Mathematics with at least Credit average.

**Prohibitions:** MATH3933, MATH3015

**Assessment:** Two class quizzes and one 2 hour exam (100%)

This unit is an introduction to the mathematical theory of modern finance. Topics include: notion of arbitrage, pricing riskless securities, risky securities, utility theory, fundamental theorems of asset pricing, complete markets, introduction to options, binomial option pricing model, discrete random walks, Brownian motion, derivation of the Black-Scholes option pricing model, extensions and introduction to pricing exotic options, option pricing, and partial differential equations. A strong background in mathematical statistics and partial differential equations is an advantage, but is not essential. Students completing this unit have been highly sought by the finance industry, which continues to need graduates with quantitative skills. Students enrolled in this unit at the Advanced level will be expected to undertake more challenging assessment tasks. The lectures in the Advanced unit are held concurrently with those of the corresponding Normal unit.

**MATH3076**

Mathematical Computing

**Credit points:** 6

**Session:** Semester 1

**Classes:** Three 1 hour lectures and one 1 hour laboratory per week.

**Prerequisites:** 12 credit points of Intermediate Mathematics and one of MATH1001 or 1003 or 1901 or 1903 or 1906 or 1907

**Prohibitions:** MATH3076, MATH3016, MATH3916

**Assessment:** One 2 hour exam, assignments, quizzes (100%)

This unit of study provides an introduction to Fortran 95 programming and numerical methods. Topics covered include computer arithmetic and computational errors, systems of linear equations, interpolation and approximation, solution of nonlinear equations, quadrature, initial value problems for ordinary differential equations and boundary value problems.

**MATH3976**

Mathematical Computing (Advanced)

**Credit points:** 6

**Teacher/Coordinator:** Dr. D J Ivers

**Session:** Semester 1

**Classes:** Three 1 hour lectures and one 1 hour tutorial per week.

**Prerequisites:** MATH(2061/2961) and MATH(2065/2965)

**Assessment:** One 2 hour exam, assignments, quizzes (100%)

See entry for MATH3076 Mathematical Computing.

**MATH3977**

Lagrangian & Hamiltonian Dynamics (Adv)

**Credit points:** 6

**Teacher/Coordinator:** Dr. Leon Poladian

**Session:** Semester 2

**Classes:** Three 1 hour lectures and one 1 hour tutorial per week.

**Prerequisites:** 12 credit points of Intermediate Mathematics with at least Credit average.

**Prohibitions:** MATH2904, MATH2004, MATH3917

**Assessment:** One 2 hour exam and assignments and/or quizzes (100%)

This unit provides a comprehensive treatment of dynamical systems using the mathematically sophisticated framework of Lagrange and Hamilton. This formulation of classical mechanics generalizes elegantly to modern theories of relativity and quantum mechanics. The unit develops dynamical theory from the Principle of Least Action using the calculus of variations. Emphasis is placed on the relation between the symmetry and invariance properties of the Lagrangian and Hamiltonian functions and conservation laws. Coordinate and canonical transformations are introduced to make apparently complicated dynamical problems appear very simple. The unit will also explore connections between geometry and different physical theories beyond classical mechanics.

Students will be expected to solve fully dynamical systems of some complexity including planetary motion and to investigate stability using perturbation analysis. Hamilton-Jacobi theory will be used to elegantly solve problems ranging from geodesics (shortest path between two points) on curved surfaces to relativistic motion in the vicinity of black holes.

This unit is a useful preparation for units in dynamical systems and chaos, and complements units in differential equations, quantum theory and general relativity.

**MATH3078**

PDEs and Waves

**Credit points:** 6

**Session:** Semester 2

**Classes:** Three 1 hour lectures and one 1 hour tutorial per week.

**Prerequisites:** 12 credit points of Intermediate Mathematics

**Prohibitions:** MATH3978, MATH3018, MATH3921

**Assumed knowledge:** MATH(2061/2961) and MATH(2065/2965)

**Assessment:** One 2 hour exam, one lecture quiz (100%)

This unit of study introduces Sturm-Liouville eigenvalue problems and their role in finding solutions to boundary value problems. Analytical solutions of linear PDEs are found using separation of variables and integral transform methods. Three of the most important equations of mathematical physics - the wave equation, the diffusion (heat) equation and Laplace's equation - are treated, together with a range of applications. There is particular emphasis on wave phenomena, with an introduction to the theory of sound waves and water waves.

**Textbooks**


**MATH3978**

PDEs and Waves (Advanced)

**Credit points:** 6

**Session:** Semester 2

**Classes:** Three 1 hour lectures and one 1 hour tutorial per week.

**Prerequisites:** 12 credit points of Intermediate Mathematics with at least Credit average.

**Prohibitions:** MATH3078, MATH3018, MATH3921

**Assumed knowledge:** MATH(2061/2961) and MATH(2065/2965)

**Assessment:** One 2 hour exam, one lecture quiz (100%)

As for MATH3078 PDEs & Waves but with more advanced problem solving and assessment tasks. Some additional topics may be included.

**Textbooks**


**Statistics Intermediate units of study**

The School of Mathematics and Statistics provides Intermediate units of study, each worth 6 credit points, in Statistics. A normal Intermediate load in a discipline is 12 credit points and students intending to specialise in Senior Statistics should take 2 units of study (12 credit points) of Intermediate Statistics. Topics are offered at Normal and Advanced levels and may not be counted together. Further information follows, whilst details of units of study structure, content and assessment procedures are provided in the Intermediate Year Unit of Study Handbook available from the School at the time of enrolment. The units of study (each 6 credit points) are listed below:

**First semester**

- Statistical Models STAT2011; Probability and Statistical Models (Adv) STAT2911

**Second semester**

- Statistical Tests STAT2012; Statistical Tests (Advanced) STAT2912

**Relation to other units of study and recommendations**

Students should note that all Senior Statistics units of study have statistics prerequisites and some require MATH1003 or 1903 or MATH1002 or 1902. MATH2061 or MATH2961 is also desirable. If your major interest is statistics, then you are encouraged to enrol in 2 units of study (12 credit points) in Intermediate Statistics. If you are considering doing Honours in Statistics, these units of study should be the Advanced units of study, and choices from Intermediate Mathematics should include at least MATH2061 or 2961. If you do not intend to major in Statistics but want a solid introduction to Applied Statistics, you should take STAT2012 in your second semester.
Statistics senior units of study
The School of Mathematics and Statistics provides several Senior units of study, each worth 6 credit points, in Statistics. Students wishing to major in Statistics should take 4 units of study (24 credit points) of Senior Statistics. Some topics are offered at Normal and Advanced levels and may not be counted together. Entry to some Advanced units of study requires a Credit or better in a Normal level prerequisite or a Pass or better in an Advanced level prerequisite. Further information follows, whilst details of unit of study structure, content, and assessment procedures are provided in the Senior Units of Study Handbook available from the School at the time of enrolment. The units of study (each 6 credit points) are listed below:

First semester
STAT3011 Stochastic Processes and Time Series; STAT3911 Stochastic Processes and Time Series Adv; STAT3012 Applied Linear Methods; STAT3912 Applied Linear Methods Advanced

Second semester
STAT3013 Statistical Inference; STAT3913 Statistical Inference Advanced; STAT3014 Applied Statistics; STAT3914 Applied Statistics Advanced

Relation to other units of study and recommendations
In general 4 units of study (24 credit points) are required in order to major in Statistics, and a Credit average is required to progress to an Honours year. Potential Honours students are expected to include at least two Advanced level units of study. Students intending to major in Statistics should choose 2 units of study of Senior Statistics each semester, making 24 credit points in total.

STAT3011
Stochastic Processes and Time Series
Credit points: 6 Session: Semester 1 Classes: Three 1 hour lectures and one 1 hour tutorial per week; ten 1 hour computer laboratories per semester. Prerequisites: STAT (2011 or 2911 or 2001 or 2901) and MATH (1003 or 1903 or 1907). Prohibitions: STAT3011, STAT3911, STAT3003, STAT3903, STAT3005, STAT3905 Assessment: One 2 hour exam, assignments and/or quizzes, and computer practical reports (100%)

Section I of this course will introduce the fundamental concepts of applied stochastic processes and Markov chains used in financial mathematics, mathematical statistics, applied mathematics and physics. Section II of the course establishes some methods of modeling and analysing situations which depend on time. Fitting ARMA models for certain time series are considered from both theoretical and practical points of view. Throughout the course we will use the S-PLUS (or R) statistical packages to give analyses and graphical displays.

STAT3911
Stochastic Processes and Time Series Adv
Credit points: 6 Session: Semester 1 Classes: Three 1 hour lecture, plus an extra 1 hour lecture per week on advanced material in the first half of the semester. Seven 1 hour computer laboratories (on time series) in the second half of the semester (one 1 hour class per week). Prerequisites: (STAT2911 or credit in STAT2011) and MATH(1003 or 1903 or 1907). Prohibitions: STAT3011, STAT3003, STAT3903, STAT3005, STAT3905 Assessment: One 2 hour exam, assignments and/or quizzes, and computer practical reports (100%)

This is an Advanced version of STAT3011. There will be 3 lectures in common with STAT3011. In addition to STAT3011 material, theory on branching processes and birth and death processes will be covered. There will be more advanced tutorial and assessment work associated with this unit.

STAT3012
Applied Linear Models
Credit points: 6 Session: Semester 1 Classes: Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratories per week. Prerequisites: STAT(2012 or 2912 or 2004) and MATH(1002 or 1014 or 1902). Prohibitions: STAT3912, STAT3002, STAT3902, STAT3004, STAT3904 Assessment: One 2 hour exam, assignments and/or quizzes, and computer practical reports (100%)
This course will introduce the fundamental concepts of analysis of data from both observational studies and experimental designs using classical linear methods, together with concepts of collection of data and design of experiments. First we will consider linear models and regression methods with diagnostics for checking appropriateness of models. We will look briefly at robust regression methods here. Then we will consider the design and analysis of experiments considering notions of replication, randomization and ideas of factorial designs. Throughout the course we will use the R statistical package to give analyses and graphical displays.

**STAT3912**

**Applied Linear Models (Advanced)**

Credit points: 6  
Session: Semester 1  
Classes: Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week.  
**Prerequisites:** (STAT2912 or Credit in STAT2004 or Credit in STAT2012) and MATH2601 or 2961 or 1902.  
**Prohibitions:** STAT3012, STAT3002, STAT3902, STAT3004, STAT3904  
**Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports (100%)

This unit is essentially an Advanced version of STAT3012, with emphasis on the mathematical techniques underlying applied linear models together with proofs of distribution theory based on vector space methods. There will be 3 lectures per week in common with STAT3012 and some advanced material given in a separate advanced tutorial together with more advanced assessment work.

**STAT3013**

**Statistical Inference**

Credit points: 6  
Session: Semester 2  
Classes: Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week.  
**Prerequisites:** STAT(2012 or 2912 or 2003 or 2903) and STAT (2011 or 2911)  
**Prohibitions:** STAT3913, STAT3001, STAT3901  
**Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports (100%)

This course will cover basic topics in modern statistical inference. This will include traditional concepts of mathematical statistics: likelihood estimation, method of moments, properties of estimators, exponential families, decision-theory approach to hypothesis testing, likelihood ratio test as well as more recent approaches such as Bayes estimation, Empirical Bayes and nonparametric estimation. During the computer classes (using R software package) we will illustrate the various estimation techniques and give an introduction to computationally intensive methods like Monte Carlo, Gibbs sampling and EM-algorithm.

**STAT3913**

**Statistical Inference Advanced**

Credit points: 6  
Session: Semester 2  
Classes: Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week.  
**Prerequisites:** STAT(2911 or 2903).  
**Prohibitions:** STAT3013, STAT3001, STAT3901  
**Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports (100%)

Note: It is advisable to have also completed STAT2912

This unit is essentially an Advanced version of STAT3013, with emphasis on the mathematical techniques underlying statistical inference together with proofs based on distribution theory. There will be 3 lectures per week in common with some material required only in this advanced course and some advanced material given in a separate advanced tutorial together with more advanced assessment work.

**STAT3014**

**Applied Statistics**

Credit points: 6  
Session: Semester 2  
Classes: Three 1 hour lectures, one 1 hour tutorial and one 1 hour computer laboratory per week.  
**Prerequisites:** STAT(2012 or 2912 or 2004).  
**Prohibitions:** STAT3914, STAT3002, STAT3902, STAT3006  
**Assumed knowledge:** STAT(3012 or 3912).  
**Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports (100%)

This unit has three distinct but related components: Multivariate analysis; sampling and surveys; and generalised linear models. The first component deals with multivariate data covering simple data reduction techniques like principal components analysis and core multivariate tests including Hotelling’s T², Mahalanobis’ distance and Multivariate Analysis of Variance (MANOVA). The sampling section includes sampling without replacement, stratified sampling, ratio estimation, and cluster sampling. The final section looks at the analysis of categorical data via generalized linear models. Logistic regression and log-linear models will be looked at in some detail along with special techniques for analyzing discrete data with special structure.

**STAT3914**

**Applied Statistics Advanced**

Credit points: 6  
Session: Semester 2  
Classes: Three 1 hour lectures and one 1 hour computer laboratory per week plus an extra hour each week which will alternate between lectures and tutorials.  
**Prohibitions:** STAT2912 or credit or better in (STAT2004 or STAT2012).  
**Prohibitions:** STAT3014, STAT3002, STAT3902, STAT3006, STAT3907  
**Assumed knowledge:** STAT3912  
**Assessment:** One 2 hour exam, assignments and/or quizzes, and computer practical reports (100%)

This unit is an Advanced version of STAT3014. There will be 3 lectures per week in common with STAT3014. The unit will have extra lectures focusing on multivariate distribution theory developing results for the multivariate normal, partial correlation, the Wishart distribution and Hotelling’s T². There will also be more advanced tutorial and assessment work associated with this unit.

**Medical Science units of study**

**Bachelor of Medical Science junior units of study**

BMED units are available only to students enrolled in the Bachelor of Medical Science degree.

**Bachelor of Medical Science Intermediate Core units of study**

**BMED2801**

**Cell Structure and Function**

Credit points: 6  
Teacher/Coordinator: A/Prof. Vladimir Balcar  
Session: Semester 1  
Classes: Two 1 hour lectures per week; five hours of tutorials or practicals every fortnight.  
**Prohibitions:** 42 credit points of Junior Bachelor of Medical Science units of study  
**Prohibitions:** All Intermediate level units offered by the Schools of Molecular Bioscience, Medical Sciences and BIOL(2006/2906) and BIOL(2016/2916)  
**Assessment:** One 2 hour theory exam; three in-semester assessments (100%)

This unit of study begins with a discussion of the unique morphology of unicellular prokaryotic organisms (bacteria, fungi) and viruses followed by the structure and function of human cells. A strong understanding of cellular structures is essential for an appreciation of whole body function. Basic cell structure is examined by focusing on cell specialisation and tissue organisation in humans. The structure and function of excitable cells such as nerve and muscle will lead to a discussion of membrane potential, synaptic transmission and neuromuscular junction. The unit of study then gives an introduction into how gene expression is regulated during development, and how the cell cycle is controlled to coordinate programmed events such as differentiation and cell death. This allows discussion of the consequences and treatment of abnormal tissue growth (cancer). Practical classes not only complement the lecture material but also introduce students to a wide range of technical skills, tissue processing and bacterial cultivation. In addition, the sessions are also designed to provide students with generic skills such as record keeping, data collection and presentation, protocol planning and written communication.

**BMED2802**

**Basis of Medical Sciences**

Credit points: 6  
Session: Semester 1  
Classes: Two 1 hour lectures per week; five hours of tutorials or practicals every fortnight.  
**Prohibitions:** 42 credit points of Junior Bachelor of Medical Science units of study  
**Prohibitions:** All Intermediate level units offered by the Schools of Molecular Bioscience, Medical Sciences and BIOL(2006/2906) and BIOL(2016/2916)  
**Assessment:** One 2 hour theory exam; three in-semester assessments (100%)

This unit of study extends pre-existing understanding of the way in which genetic information is stored, transmitted and expressed.
Students will be introduced to the role of enzymes in the catalysis of cellular reactions and the pharmacological strategies employed to exploit our knowledge of these mechanisms is then discussed. Intracellular signalling cascades, cell to cell signalling and pharmacological intervention in these processes is covered. The molecular basis of drug action and the use of DNA technology in drug design will be discussed. Students will then cover the application of medical genetics to the study of advanced gene expression, recombinant technology, cloning and gene products, transgenics and the linkage and mapping of genes including reference to DNA fingerprinting and the human genome project and gene therapy.

The technical skills taught in the practical classes include the use of restriction enzymes, the separation of DNA molecules using electrophoresis, the inspection of chromosomes, linkage mapping, gene transfer and the measurement of gene expression. In addition to nurturing the skills involved in the design and execution of experiments, the practical sessions will formally teach students report writing skills and will give students practice at articulating feedback to their peers.

Textbooks

Genes IX (9th edition, Jones & Bartlett, 2008)

**BMED2803**

Cardiac, Respiratory and Renal Function

**Credit points:** 6  
**Teacher/Coordinator:** Dr Suzanne Ollenshaw  
**Session:** Semester 1  
**Classes:** Two 1 hour lectures per week; five hours of tutorials or practicals every fortnight.  
**Prerequisites:** 42 credit points of Junior Bachelor of Medical Science units of study  
**Prohibitions:** All Intermediate level units offered by the Schools of Molecular Bioscience, Medical Sciences and BIOL(2006/2906) and BIOL(2016/2916)  
**Assessment:** One 2hr theory exam; three in-semester assessments (100%)

The maintenance of constant conditions in the human body is dependent on thousands of intricate control mechanisms. This unit of study examines many of those homeostatic processes with specific reference to major apparatus such as the respiratory, cardiovascular and renal. The structure and function of the cardiovascular system is discussed and cardiac output, blood pressure and blood flow are studied. Discussion of the respiratory system embraces the structure of the respiratory organs and description of the mechanism of the transport of gases to and from cells. Similar treatment of the renal system involves anatomical and histological investigation of kidney structure and a physiological description of kidney function.

Practical classes are designed to nurture the same generic attributes taught in BMED2801 and BMED2802 but, in addition, students are introduced to a wide range of anatomical and physiological technical skills. Specifically, students will investigate the structure and function of the heart and blood vessels, the components of the respiratory system and the kidney - all at the cellular and organ level. Students will also conduct experiments (often on themselves) which show how heart rate and blood pressure are controlled, how breathing is regulated and how urine output is modulated in response to both physiological and pharmacological stimuli.

**BMED2804**

Digestion, Absorption and Metabolism

**Credit points:** 6  
**Teacher/Coordinator:** Dr Kim Bell-Anderson  
**Session:** Semester 2  
**Classes:** Two 1 hour lectures per week; five hours of tutorials or practicals every fortnight.  
**Prerequisites:** 42 credit points of Junior Bachelor of Medical Science units of study  
**Prohibitions:** All Intermediate level units offered by the Schools of Molecular Bioscience, Medical Sciences and BIOL(2006/2906) and BIOL(2016/2916)  
**Assessment:** One 2 hour theory exam; three in-semester assignments (100%)

This unit of study gives an introduction to the structures used to digest and absorb foods, at both the anatomical and histological level. This is then followed by discussion of the utilisation and fate of absorbed nutrients. After an overview of the alimentary tract and associated organs, the detailed anatomy of the oral cavity, oesophagus, stomach, intestines, liver, etc is considered. This is complemented by description of the specialised cell types in the digestive system, discussion of the transport mechanisms employed to absorb nutrients, and consideration of the control systems used to regulate activity of the digestive process.

The role of intestinal microflora in the gastrointestinal tract, contributing to both beneficial digestion and absorption of nutrients, as well as to pathogenic disruption, is also discussed in this unit of study. The fundamentals of metabolism are introduced, in particular, the chemical reactions that are responsible for fuel processing. The pharmacokinetic angle is explored further with discussion of the metabolism and absorption of drugs including the detoxification and excretion of xenobiotic compounds.

Practical classes give students extensive experience with inspection of the digestive system at both the cellular and gross anatomical level. The peristaltic reflex and pharmacological influences are explored. These sessions are designed to nurture observation, data analysis, record keeping and report writing skills.

**BMED2805**

Hormones, Reproduction and Development

**Credit points:** 6  
**Teacher/Coordinator:** Dr Michael Morris  
**Session:** Semester 2  
**Classes:** Two 1 hour lectures per week; five hours of tutorials or practicals every fortnight.  
**Prerequisites:** 42 credit points of Junior Bachelor of Medical Science units of study  
**Prohibitions:** All Intermediate level units offered by the Schools of Molecular Bioscience, Medical Sciences and BIOL(2006/2906) and BIOL(2016/2916)  
**Assessment:** One 2 hr theory exam; three in-semester assessments (100%)

This unit of study examines hormonal control of human body processes. Specifically, students will investigate the structure and function of endocrine glands, such as the pituitary, thyroid and pancreas, at the cellular and organ level. Examples of the influence of hormones on metabolic processes are provided by considering fuel selection during exercise and starvation, and in diabetes and obesity. The fate of the macronutrients (carbohydrate, fat and protein) is then considered in terms of their uptake, disposal and reassembly into storage fuels and cellular structures. Biochemical pathways involved in the extraction of energy from the macronutrient fuels are then covered, with emphasis on the whole-body integration and regulation of these metabolic processes. This leads to discussion of performance enhancing drugs and also provides a solid background for understanding pharmacological intervention in these conditions. The hormones involved in reproduction, contraception, fertilisation and pregnancy are also discussed, leading on to foetal-new-born transition and the development of the human embryo and cell differentiation. In the practical classes, students are introduced to a wide range of technical skills. Specifically, students will investigate the structure and function of the important endocrine glands, design a biochemical kit for the evaluation of blood glucose, perform a glucose tolerance test to investigate how glucose levels are regulated and modulated in response to a glucose load, and build models of embryos to help understand general mechanisms associated with development and differentiation. In addition, sessions are designed to nurture oral presentation skills, hypothesis testing, data analysis, troubleshooting, instruction writing and feedback skills.

**BMED2806**

Sensory and Motor Functions

**Credit points:** 6  
**Teacher/Coordinator:** Dr Richard Ward  
**Session:** Semester 1  
**Classes:** Two 1 hour lectures per week; five hours of tutorials or practicals every fortnight.  
**Prerequisites:** 42 credit points of Junior Bachelor of Medical Science units of study  
**Prohibitions:** All Intermediate level units offered by the Schools of Molecular Bioscience, Medical Sciences and BIOL(2006/2906) and BIOL(2016/2916)  
**Assessment:** One 2 hour theory exam; three in-semester assessments (100%)

This unit of study examines how neural and motor systems are adapted to sense and respond to changes in the external environment. After consideration of the basic anatomical organisation of the nervous and sensory systems, the way in which nerve signals are integrated and coordinated in response to external stimuli are covered in more detail. Various senses such as vision, touch and hearing are studied, together with a discussion on motor reflexes. The receptors involved in normal modes of communications are discussed before specific examples such as the flight and flight and stress responses are considered. This is complemented by discussion of the effects of drugs on the nervous system, with special reference to pain and analgesics. An appreciation is gained of how toxins and infections can perturb the
normal neuromuscular co-ordination. Thus, pharmacological and pathological considerations, such as the use of poisoned arrows and muscle paralysis and viral and tetanus infections, are studied in concert with relevant physiological concepts.

In practical classes, students perform experiments (often on themselves) to illustrate the functioning of the senses and motor control and coordination involving both stretch and flexor reflexes. In addition, students extend their anatomical expertise by examining the structure and function of the nervous system and the skeleton (especially the vertebral column, the thorax and the limbs). Practical sessions also include the effects of analgesics on experimental pain and case studies of tetanus and botulism. The practical sessions draw widely on, and nurture, the generic skills taught in preceding units of study but particularly in BMED2804 and BMED2805.

BMED2807

Microbes and Body Defences

Credit points: 6  
Teaching/Coordinator: Helen Agus  
Session: Semester 2  
Classes: Two 1 hour lectures per week; five hours of tutorials or practicals every fortnight.  
Prerequisites: 42 credit points of Junior Bachelor of Medical Science units of study.  
Prohibitions: All Intermediate level units offered by the Schools of Molecular Bioscience, Medical Sciences and BIOL(2006/2906) and BIOL(2016/2016).  
Assessment: One 2-hour theory exam; three in-semester assessments (100%).

This unit of study begins by introducing the concepts of disease transmission, pathogenicity and virulence mechanisms of microbes. How the body deals with injury and infection is discussed by exploring host defences. Sections on wound healing, clotting and inflammation cover the response to physical damage and this is complemented by discussion of the pharmacological basis of anti-inflammatory agents and anti-coagulants.

For a full understanding of the process of infection, it is necessary to have an appreciation of the range of pathogens and injuries with which the body must cope. Therefore this unit of study examines the structure and function of pathogenic microorganisms (including bacteria, fungi, protists, and viruses, etc). The response of the body to pathogen invasion is studied by discussion of both molecular and cellular immune responses. In particular, this gives students an appreciation of the structure, production and diversity of antibodies, the processing of antigens, operation of the complement system and recognition and destruction of invading cells. This allows students to appreciate the basis of derangements of the immune system and the mechanism of action of immuno-modulatory drugs.

Practical classes allow students to obtain experience in, and an understanding of, a range of techniques in classical and molecular virology, bacteriology and immunology. In addition, the practical sessions draw widely on, and nurture, the generic skills taught in preceding units of study.

BMED2808

Disease in Society

Credit points: 6  
Teaching/Coordinator: A/Prof Brett Hambly  
Session: Semester 2  
Classes: Two 1-hour lectures per week, five hours of tutorials or practicals every fortnight.  
Prerequisites: 42 credit points of Junior Bachelor of Medical Science units of study.  
Prohibitions: All Intermediate level units offered by the Schools of Molecular Bioscience, Medical Sciences and BIOL(2006/2906) and BIOL(2016/2016).  
Assessment: One 2-hour theory exam; three in-semester assessments (100%).

Disease in Society seeks to integrate basic knowledge of important diseases, ranging from metabolic diseases through airways and heart disease and cancer to infections. About half the unit considers infectious diseases: viral, bacterial, fungal and parasitic. The other half looks at inherited disorders, cardio-respiratory disorders such as angina, heart failure and asthma. Society's approaches to dealing with these diseases - whether by pharmacological intervention, counselling or lifestyle change are discussed. Putting the disease in the relevant social context is emphasized in all aspects of the unit.

The impact of bacteria and viruses on individuals and society is taught with reference to specific infectious diseases (eg influenza, polio, herpes, STDs, etc) and this leads into an introduction of epidemiology. Included in the discussion of the way in which these organisms cause and transmit disease is a consideration of how antibiotics and anti-viral drugs work and how microbes can become drug resistant.

Practical classes are designed to complement the lectures and provide a 'hands-on' experience in investigating disease. Also included are tutorial sessions in which hospital microbiologists guide students through clinical case studies and in an integrated session, students examine the infection, immunity and pathology of tuberculosis. These sessions are designed to nurture an appreciation of the importance of an integrative approach to the study of disease in today's society. The generic skills taught in preceding units of study are further reinforced.

Bachelor of Medical Science Senior Core units of study

Students are required to complete at least 36 credit points of Senior units of study chosen from the core subject areas of Anatomy and Histology, Biology (Genetics), Biochemistry, Cell Pathology, Immunology, Infectious diseases, Microbiology, Pharmacology and Physiology, as listed in Table IV. Descriptions are listed here and under the relevant department headings in this chapter where the units are offered by other Schools/Departments in the faculty.

INFD3012

Infectious Diseases

Credit points: 6  
Teaching/Coordinator: A/Prof Colin Harbour  
Session: Semester 2  
Classes: One 1 hour lecture and one 1 hour tutorial and one 2 hour practical and one 2 hour case study or theme session a week.  
Prerequisites: 42 credit points of Intermediate BMED units including BMED2807.  
Assumed knowledge: Intermediate microbiology, immunology, molecular biology and genetics.  
Assessment: Formal examination (60%); one 2 hour exam worth.  
Progressive assessment (40%): includes 2000-word essay, tutorial case presentation, poster presentation.

Note: The completion of MICR3011 is strongly recommended prior to undertaking this course.

Infectious diseases occur as a result of interactions between a host and a microbial parasite. This unit of study will explain how infectious agents interact with human hosts at the molecular, cellular, individual patient and community levels to cause diseases and how the hosts attempt to combat these infections. The unit will be taught by the discipline of Infectious Diseases and Immunology of the Department of Medicine within the Central Clinical School, Faculty of Medicine with involvement of associated clinical and research experts who will contribute lectures and theme sessions on their own special interests. The primary learning vehicle in this unit will be the case study involving three or four cases per week on the diseases theme of the week, e.g. Pneumonia in week 1, wound infections in week 2 etc. Students are strongly recommended to complete MICR3011 before enrolling in this unit.

Textbooks


Medicinal Chemistry

Medicinal Chemistry is an interdisciplinary major offered within the BSc. It is concerned with the chemistry underpinning the design, discovery and development of new pharmaceuticals, and is jointly administered by the School of Chemistry and the Department of Pharmacology. Medicinal Chemistry examines why some types of chemical compounds are toxic, why some have therapeutic value, and the mode of drug action at the molecular level. A major in Medicinal Chemistry includes the study of natural and synthetic compounds of biological and medicinal importance, how molecules interact with each other and how specific molecules can influence metabolic pathways in living organisms. A student seeking to complete this major will study Junior and Intermediate Chemistry, and also Intermediate Pharmacology, as prerequisites for the Senior units of study. Refer to Table 1 for an enrolment guide and to entries under the contributing schools and departments for unit descriptions.
Microbiology

The discipline of Microbiology in the School of Molecular and Microbial Biosciences offers units of study that equip students for a career in Microbiology in fields of health, industry and basic research. In addition, it provides introductory units of study to students of agriculture, pharmacy and science. These units of study will help students who wish to specialise in related fields where microorganisms are often used in studying life processes, e.g. biochemistry, genetics and botany.

Microbiology Intermediate units of study

MICR2021

Microbial Life

Credit points: 6
Teacher/Coordinator: Dr Deborah Blanckenberg
Session: Semester 2
Classes: Two 1-hour lectures per week, plus an additional six 1-hour tutorials per semester. Eleven 3-hour practicals per semester.
Prerequisites: 6cp of Junior Biology and (6cp of MBLG (1001 or 1901) or MBLG2901 or PLNT2001 or PLNT2901) and 6cp of Junior Chemistry
Assessment: One 2-hour theory exam, continuous assessment in practicals, two assignments, two quizzes, practical assessment exercises (100%) for MICR2003
Note: Students are strongly recommended to complete MICR (2021 or 2024) before enrolling in MICR2022 in Semester 2. For progression on to Senior Microbiology units, students must also complete MBLG (1001 or 1901) or PLNT (2001 or 2901).

Prohibitions:

Junior Biology or MBLG1001 or MBLG1901 or PLNT2001 or PLNT2901

Textbooks


MICR2022

Microbes in Society

Credit points: 6
Teacher/Coordinator: Dr Deborah Blanckenberg
Session: Semester 2
Classes: Two 1-hour lectures per week, plus an additional four 1-hour tutorials per semester. Eleven 3-hour practicals per semester.
Prerequisites: 6 cp of Junior Biology and (6 of MBLG (1001 or 1901) or PLNT2001 or PLNT2901) and 6 of Junior Chemistry
Prohibitions: MICR2922, MICR2921, MICR2902, MICR2904, MICR2008, MICR2012, MICR2909
Assumed knowledge: MICR (2021 or 2921 or 2024 or 2026)
Assessment: One 2-hour theory exam, continuous assessment in practicals, two assignments, two quizzes, practical assessment exercises (100%)
Note: Students are very strongly advised to complete MICR (2021 or 2024) before enrolling in MICR2022 in Semester 2. For progression on to Senior Microbiology units, students must also complete MBLG (1001 or 1901) or PLNT (2001 or 2901).

Pathogenic microbes cause infectious diseases of humans, animals and plants, and inflict enormous suffering and economic losses. Beneficial microbes are important contributors to food production, agriculture, biotechnology, and environmental processes. The aims of MICR2022/2922 are to explore the impacts and applications of microbes in human society and in the environment at large, and to teach skills and specialist knowledge in several key areas of microbiology.

Medical Microbiology lectures will cover bacterial, viral, and fungal pathogens, and will introduce the concepts of epidemiology, transmission, pathogenicity, virulence factors, host/parasite relationships, host defences, prevention of disease, and antibiotic types, functions, and resistance. Lecture topics in these areas include Food (preservation, spoilage, poisoning, industrial context), Industrial (fermentation, traditional and recombinant products, bioprospecting), Environmental (nutrient cycles, atmosphere, wastewater, pollution, biodegradation) and Agricultural (nitrogen fixation, plant pathogens, biocontrols). The laboratory sessions are integrated with the lecture series and are designed to give students practical experience in isolating, identifying and manipulating microorganisms. BSc or BSc (Advanced) students who have completed MICR2021/2921 and MICR2022/2922 may be offered the opportunity to undertake work experience for approx one month in a local microbiology laboratory (hospital, industrial, university etc) subject to availability of places.

Textbooks


MICR2024

Microbes in the Environment

Credit points: 6
Teacher/Coordinator: A/Prof Michael Kertesz
Session: Semester 2
Classes: Two 1-hour lectures per week, plus an additional two 1-hour tutorials per week. Three 1-hour seminars and eleven 3-hour practicals per semester.
Prerequisites: 1 x 2hr exam
Assessment: 6 credits of first year Biology
Assessment: One 2-hour exam (60%), 4 x quizzes (total 15%), lab skills assessment (5%) and 1 x lab project report (20%)
This unit introduces the diversity of microbes found in soil, water, air, plants and animal environments. Through an examination of their
physiology and genetics it explores their interactions with plants, animals and each other, and their roles as decomposers and recyclers in the environment. The soil is a rich microbial environment, and the concept of soil health and its relationship to plant growth is discussed. Practical classes introduce techniques and skills in isolating, quantifying and cultivating microbes, designing and interpreting experiments to study microbial growth, and in preparing and presenting data.

Textbooks

Microbiology Senior units of study

**MICR3011**
**Microbes in Infection**

**Credit points:** 6
**Teacher/Coordinator:** Helen Agus
**Session:** Semester 1
**Classes:** Two 1-hour lectures per week, eight 3-hour practical sessions and three 2-hour clinical tutorials per semester
**Prerequisites:** At least 6 credit points of MBGL units and (MICR2022 or MICR2922 or MICR2002 or MICR2902).
**For BMedSc students:** 42 credit points of Intermediate BMED units including BMED2807 and BMED2808. For BScAgr students: (PLNT2001 or PLNT2901) and (MICR2022 or MICR2922).
**Prohibitions:** MICR3911, MICR3001, MICR3901

**Assessment:**
- One 2-hour exam, practical assessment (100%)

This unit is designed to further develop an interest in, and understanding of, medical microbiology from the introduction in Intermediate Microbiology. Through an examination of microbial structure, virulence, body defences and pathogenesis, the process of acquisition and establishment of disease is covered. The unit is divided into three themes: 1. Clinical Microbiology: host defences, infections, virulence mechanisms; 2. Public health microbiology: epidemiology, international public health, transmission of water and food borne outbreaks; 3. Emerging and re-emerging diseases: the impact of societal change with respect to triggering new diseases and causing the re-emergence of past problems, case studies. The practical component is designed to enhance students' practical skills and to complement the lecture series. Clinical tutorial sessions underpin and investigate the application of the material covered in the practical classes.

Textbooks

**MICR3911**
**Microbes in Infection (Advanced)**

**Credit points:** 6
**Teacher/Coordinator:** Helen Agus
**Session:** Semester 1
**Classes:** Two 1-hour lectures per week, plus an additional six 1-hour tutorials, eight 3-hour practical sessions and three 2-hour clinical tutorials per semester
**Prerequisites:** At least 6 credit points of MBGL units and Distinction in MICR (2022 or 2922 or 2002 or 2902). For BMedSc students: 42 credit points of Intermediate BMED units including BMED2807 and BMED2808 with a Distinction in one of these two. For BScAgr students: PLNT (2001 or 2901) and MICR (2022 or 2922) including one Distinction. **Prohibitions:** MICR3911, MICR3001, MICR3901

**Assessment:**
- One 1-hour theory exam on topic of choice (100%)

This unit is available to students who have performed well in Intermediate Microbiology: MICR3011 is based on MICR3011 with a series of additional tutorials and self-directed learning to extend students beyond the core material. Consequently, the unit of study content may vary from year to year.

Textbooks

**MICR3032**
**Molecular Microbiology Concepts**

**Credit points:** 6
**Teacher/Coordinator:** A/Professor Dee Carter
**Session:** Semester 2
**Classes:** Three lectures per week and one 2-hour practic/tute per week
**Prerequisites:** At least 6 credit points of MBGL units and MICR (2022 or 2922 or 2002 or 2902). For BMedSc students: 42 credit points of Intermediate BMED units including BMED (2802, 2807 and 2808). For BScAgr students: PLNT (2001 or 2901) and MICR2024.
**Prohibitions:** MICR3932 **Assumed knowledge:** MICR2021 or equivalent introductory microbiology **Assessment:**
- One 2-hour exam, practical assessment, one in-sessional 1 hour essay exam on topic of choice

This Unit of Study introduces students to key areas of research in molecular microbiology. Building on knowledge gained in MICR2012 and MICR2022, as well as MBGL1001, it brings in areas of microbial evolution, pathogenesis, physiology, ecology, biotechnology and genetics, with each key theme explored with a series of 6 lectures led by an expert in the field. Lectures will be complemented with practical/tutorial sessions that explore recent research in these areas. It is strongly recommended that students also take the complementary unit of study, MICR3042 or MICR3942. One of these two units is a required corequisite for students completing a major in Microbiology.

Textbooks
None

**MICR3042**
**Molecular Microbiology Research Skills**

**Credit points:** 6
**Teacher/Coordinator:** Dr Nicholas Coleman
**Session:** Semester 2
**Classes:** One lecture per week, One 4.5 hours prac per week
**Prerequisites:** At least 6 credit points of MBGL units and MICR (2022 or 2922 or 2002 or 2902). For BMedSc students: 42 credit points of Intermediate BMED units including BMED (2802, 2807 and 2808). For BScAgr students: PLNT (2001 or 2901) and MICR2024. **Corequisites:** MICR3032 or MICR3932 **Prohibitions:** MICR3942, MICR3022, MICR3922 **Assumed knowledge:** MICR2021 or equivalent introductory microbiology **Assessment:**
- One 1-hour theory exam, One 1-hour problem-based exam. In-lab practical assessment (continuous participation; attendance and participation). One report. Planning and protocol development (100%)

This Unit of Study focuses on practical skills that are essential for laboratory research into molecular microbiology. We will focus on three key areas of modern microbiology: Environmental microbiology and the techniques required for the study of complex microbial communities; Microbial biotechnology, which explores how microbes can be used as cellular factories to produce useful products; and Medical microbiology, where we will introduce some important molecular techniques such as producing gene deletions and knock out strains to study phenotypes important in microbial pathogenesis. The Unit will be assessed by in-lab continuous assessment, one written report, planning and protocol development, one 1-hour exam on the theory lectures and one 1-hour problem-based exam based on practical work. Students enrolling in MICR3042 must also take the complementary Unit of Study MICR3032/3932.

Textbooks
None
This Unit of Study allows students to undertake a research project in molecular microbiology under the direction of a research group leader in Microbiology. It will be complemented by a series of lectures that focus on three key areas of modern microbiology: Environmental microbiology and the techniques required for the study of complex microbial communities; Microbial biotechnology, which explores how microbes can be used as cellular factories to produce useful products; and Medical microbiology, where we will introduce some important molecular techniques such as producing gene deletions and knock out strains to study phenotypes important in microbial pathogenesis.

The Unit will be assessed by performance in the research laboratory, the laboratory notebook, a poster presentation based on the research project, one 1-hour exam based on the theory lectures and one 1-hour problem-based exam based on practical work. Students enrolling in MICRO3942 must also take the complementary Unit of Study MICRO3032/3932.

**Virology**

- **Credit points:** 6 Teacher/Coordinator: Dr Tim Newsome Session: Semester 1 Classes: Two 1-hour lectures per week, five 2-hour tutorials and six 4-hour practicals per semester. **Prerequisites:** At least 6 credit points of a MBED units and at least 6 credit points in Intermediate Microbiology. **Corequisites:** MICRO3X32, MICRO3X44. **Assumed knowledge:** MICRO2021 or equivalent introductory microbiology. **Assessment:** One 1-hour theory exam. One 1-hour problem-based exam. Laboratory book. One poster presentation. Assessment of laboratory performance (100%)

- **Textbooks**

**Virology (Advanced)**

- **Credit points:** 6 Teacher/Coordinator: Dr Tim Newsome Session: Semester 1 Classes: Two 1-hour lectures per week, plus an additional five 1-hour lectures per semester. Five 2-hour tutorials and six 4-hour practicals per semester.

**Molecular Biology and Genetics**

Molecular Biology and Genetics units of study at the Junior and Intermediate level will be taught by staff from the School of Molecular and Microbial Biosciences and the School of Biological Sciences. The Junior unit, MBELG1001, and the Intermediate unit, MBELG2071/2971, are coordinated by the School of Molecular and Microbial Biosciences.
In the genomics section, topics include structure, packaging and proteins, by gel electrophoresis and Southern, Northern & Western separation and analysis of macromolecules, like DNA, RNA and developments in stem cell biology. Other techniques include the transgenic plants and animals. are also discussed along with recent DNA cloning with an emphasis on essential knowledge required to out in human systems and the relevance to human genetic diseases. Advancements in the field, together with discussion of work carried out in human systems and the relevance to human genetic diseases. The practical course complements the theory and builds on the skills learnt in MBLG1001. Specifically students will: use spectrophotometry for the identification and quantification of nucleic acids, explore the lac operon system for the investigation of gene expression control, perform plasmid isolation, and complete a PCR analysis for detection of polymorphisms. As with MBLG1001, strong emphasis is placed on the acquisition of generic and fundamental technical skills.

Textbooks

Molecular Biology and Genetics A (Adv)
Credit points: 6
Teacher/Coordinator: Ms Vanessa Gysbers
Session: Semester 2
Classes: Two 1-hour lectures per week; one 1-hour tutorial and one 4-hour practical per fortnight
Prerequisites: MBLG1001 or MBLG1901 and 12 CP of Junior Chemistry
Assessment: One 2.5-hour exam, practical work, laboratory reports (100%)

Note: Students enrolled in the combined BAppSc (Exercise and Sport Science)/BSc(Nutrition) must have completed all Junior units for this course prior to enrolling in this unit.

Extension of concepts presented in MBLG2071 which will be taught in the context of practical laboratory experiments.

Textbooks

Molecular Biology and Genetics B
Credit points: 6
Session: Semester 2
Classes: Two 1-hour lectures per week; one 2-3 hour practical per week. One tutorial every second week
Prerequisites: BIOL(1001 or 1003 or 1911 or 1903) and MBLG(1001 or 1901) and 12 credit points of Junior Chemistry
Prohibitions: MBLG2972
Assumed knowledge: One of MBLG2071, MBLG2971
Assessment: One 2 hour exam (50%), laboratory reports and quizzes (50%).

This unit of study builds on the concepts introduced in MBLG2071 and shows how modern molecular biology is being applied to the study of the genetics of all life forms from bacteria through to complex multicellular organisms including plants, animals and humans. Lecture topics include classical Mendelian genetics with an emphasis on its molecular basis, cyto genetics, bacterial genetics and evolution, molecular evolution, bioinformatics and genomics, developmental genetics and the techniques and applications of molecular genetics. Practical: In laboratory exercises you will use a variety of prokaryotic and eukaryotic organisms to illustrate aspects of the lecture material, while developing familiarity and competence with equipment used in molecular techniques, microscopes, computers and statistical tests. Generic skills are developed in report writing, oral presentation, problem solving and data analysis. This is a core Intermediate unit of study in the BSc (Molecular Biology and Genetics) degree program.

Molecular Biology and Genetics B (Adv)
Credit points: 6
Session: Semester 2
Classes: Two 1-hour lectures per week; one 2-3 hour practical per week. One tutorial every second week
Prerequisites: BIOL(1001 or 1911 or 1003 or 1903) and MBLG(1001 or 1901) and 12 credit points of Junior Chemistry and a Distinction in MBLG(2071 or 2971); or a Distinction in MBLG(1001 or 1901) and 12 credit points of Junior Chemistry, and a Distinction average in all Junior Science units of study undertaken.
Prohibitions: MBLG2072
Assumed knowledge: MBLG2071 or MBLG2971
Assessment: One 2-hour exam (50%), laboratory reports and quizzes (50%).

Qualified students will participate in alternative components of MBLG2072, Molecular Biology and Genetics B. The content and nature of these components may vary from year to year.
This unit consists of four advanced molecular biology and genetics research based seminars.

### Molecular Biotechnology

The following units of study are only available to students in the Bachelor of Science (Molecular Biotechnology) degree. Please consult degree information in chapter 4, and the relevant Departments/Schools entries in this chapter for descriptions of other units of study required for this degree.

#### MOBT2102 Molecular Biotechnology 2

**This unit of study is not available in 2011**

**Credit points:** 6  
**Teacher/Coordinator:** Dr Matthew Todd  
**Session:** Semester 2  
**Classes:** Three 1-hour lectures and one 1-hour tutorial per week.  
**Prerequisites:** 12 credit points of Junior Biology and 12 credit points of Junior Chemistry  
**Prohibitions:** MOBT2001  
**Assessment:** One 2-hour theory exam (70%) and in-semester assessments (30%). NB Students must pass the theory exam to pass the unit overall.  
**Department permission required for enrolment.**  
**Note:** This unit of study is only available to students enrolled in the BSc (Molecular Biotechnology) degree.

The main purpose of this unit of study is to introduce students to the core concepts of modern molecular biotechnology and build a base for future study in this discipline. It assumes students will have knowledge of Molecular Biology and Genetics through previous study of MBLG1001 and MBLG2771/2871 and concurrent study of MBLG2072/2972. It commences with an introduction to the biotechnology revolution and its impact worldwide. Students are then introduced to how large biomolecules are exploited in drug discovery with discussions of structural diversity in macromolecules, the construction of synthetic peptide and oligonucleotide combinatorial libraries, the uses and screening of such libraries in drug discovery together with examples from industry. This unit proceeds with considerations of the chemical synthesis of pharmaceuticals to specific drug targets. Structure-activity relationships, the use of biomolecules such as proteins versus natural products in drug design, the role of DNA as a drug target, and the importance of metals ions are all discussed together with case studies from industry. Issues associated with pharmaceutical stability and metabolism are then described. The unit concludes with an overview of the commercialization of discoveries in science with consideration given to the role of researchers, university and industry interactions, and regulatory and patent issues. This is followed by an appreciation of the societal impact and ethics of biotechnology, including how the industry and researchers interact with, and inform, the public. Guest lecturers will contribute to these presentations to help students develop an appreciation of emerging areas in molecular biotechnology from a broad perspective.

**Textbooks**  

#### MOBT3202 Molecular Biotechnology 3B Project

**This unit of study is not available in 2011**

**Credit points:** 6  
**Teacher/Coordinator:** Prof Kevin Downard  
**Session:** Semester 2  
**Classes:** 75 hours industry related project over the semester.  
**Prerequisites:** MOBT2002 or MOBT3101  
**Prohibitions:** MOBT3002, MOBT3102  
**Assessment:** Presentation, project report and essay  
**Department permission required for enrolment.**  
**Note:** This unit of study is only available to students enrolled in the BSc (Molecular Biotechnology) degree.

This Senior unit of study builds on the knowledge gained in earlier units of modern molecular biotechnology. It emphasises applications of molecular biotechnology including product design, research and development, and the importance of recognising industry trends. This will typically involve an industry placement or a detailed industry case study, on-site visits, and interactions with industry partners in association with university staff. To maximize future opportunities, students will learn about funding and research and development. As well as industry-relevant experience, students will research biotechnology kits and technologies.

**Textbooks**  

### School of Molecular and Microbial Biosciences

The School brings together the disciplines of Biochemistry, Microbiology, Molecular Biotechnology and Nutrition, with separate study codes BCHM, MICR, MOBT [see Table IE for details of the BSc (Molecular Biotechnology)] and NUTR [see Table IF for details of the BSc (Nutrition)]. Significant contributions are also made to the Intermediate faculty units of study in Molecular Biology and Genetics with study code MBLG [see Table ID for details of the BSc (Molecular Biology and Genetics)] and to the units of study in Molecular Biotechnology [see Table IE for details of the BSc (Molecular Biotechnology)].

**Location of unit descriptions**  
Unit descriptions are located under separate headings in this chapter: Biochemistry (BCHM); Microbiology (MICR); Molecular Biology and
### Nanoscience and Technology

Nanoscience and Technology is an interdisciplinary major offered within the BSc. It is directed at students interested in understanding the emerging science of working and building at and near the molecular level. It incorporates study of the fundamental sciences in order to understand the structure of matter, as well as technological elements of the mechanical properties of materials. Students undertaking this major are strongly encouraged to take suitable units from the Faculty of Engineering in combination with Physics and Chemistry.

### Majoring in Nanoscience and Technology

A student seeking to complete this major should study Physics and Chemistry in their Junior and Intermediate years together with some Engineering and Mathematics. In the Senior year it is possible to focus on two of the three discipline areas, or to continue to study elements of all three. This major may also be seen as a complement to a traditional major in Chemistry or Physics. Refer to Table 1 for an enrolment guide and to entries under the contributing schools and departments for unit descriptions. Engineering units are described in the Engineering Handbook.

### Neuroscience

Neuroscience encompasses a diverse range of disciplines that cross traditional subject boundaries. The study of Neuroscience ranges from anatomy to neuronal function; the cellular and molecular biology of the neuron to the complex phenomena of perception; emotion and memory; from the regulation of breathing and blood flow to the themes of territory movement; developing to ageing; normal cognition to neurodegeneration.

### Majoring in Neuroscience

A major in Neuroscience is designed to provide a foundation in the basic biology of the brain as well as the fundamentals of cognition. Students are able to focus their cross-disciplinary studies with a molecular, cellular, anatomical and behavioural concentration. Refer to Table 1 for an enrolment guide and to entries in specific subject areas for Unit of Study descriptions. A cross-disciplinary major requires careful selection of subjects to fulfill the requirements of the major. Research in Neuroscience is vibrant and an international priority area.

### Neuroscience Coordinator

Dr Karen Cullen (Anatomy) is the coordinator for the Neuroscience major. Email: kcullen@anatomy.usyd.edu.au.

### Nutrition

The Human Nutrition Unit in the School of Molecular and Microbial Biosciences offers units of study to students enrolled in the Bachelor of Science (Nutrition) degree. Please consult degree information in chapter 4 and Table 1F entries. Check the relevant Department/school entries in this chapter for descriptions of other units of study required for this degree.

### NUTR2911

Food Science Introductory (Advanced)

**This unit of study is not available in 2011**

| Credit points: 6 | Teacher/Coordinator: Dr Kim Bell-Anderson | Session: Semester 2 | Classes: Three 1-hour lectures and one 2.5-hour practical per week. Prerequisites: MBLG(1001 or 1901) and CHEM (1001 or 1101 or 1901 or 1903 or 1108) and CHEM (1002 or 1102 or 1902 or 1904 or 1109) and BIOL (1001 or 1101) and BIOL (1002 or 1003 or 1902 or 1903). For Combined Bachelor of Applied Science and Bachelor of Science/BSc(Nutrition) degree completion of all Junior units in the table of units for this course (CHEM1101, BACH1161, BIOS1159, EXSS1018 CHEM1102, BIOS1133, BIOS1160, EXSS1033, MBLG1001). Prohibitions: NUTR2901 Assessment: One 3-hour exam, one 1-hour theory of practical exam, one assignment and 5 quizzes. | Language: | Semester: 1 | Classes: Three 1-hour lectures and one 2.5-hour practical per week. Prerequisites: MBLG(1001 or 1901) and CHEM (1001 or 1101 or 1901 or 1903 or 1108) and CHEM (1002 or 1102 or 1902 or 1904 or 1109) and BIOL (1001 or 1101) and BIOL (1002 or 1003 or 1902 or 1903). For Combined Bachelor of Applied Science and Bachelor of Science/BSc(Nutrition) degree completion of all Junior units in the table of units for this course (CHEM1101, BACH1161, BIOS1159, EXSS1018 CHEM1102, BIOS1133, BIOS1160, EXSS1033, MBLG1001). Prohibitions: NUTR2901 Assessment: One 3-hour exam, one 1-hour theory of practical exam, one assignment and 5 quizzes. |

This unit of study aims to give a broad appreciation of foods as commodities, that is, the origin, history, cultural and nutritional importance of the major foods for human use. Further, aspects of food processing and cooking that affect the nutritional quality of these foods will be discussed. Food groups covered include animal foods, seafood, cereals, sugars, fats and oils, dairy products, legumes, nuts, vegetables, fruits, herbs and spices and alcohol. Topics in food science and technology include the principles of food preservation, aspects of the preparation and processing of cereals, dairy products, fats and oils, sugars and starches, and meats. Food legislation is discussed as well as food additives, naturally occurring toxicants in foods, food pollutants, food safety, hygiene and food microbiology. Practical classes investigate the nutritional and physical composition of food commodities, and demonstrate their behaviour and functional properties during normal culinary processes.

### Textbooks

- English R & Lewis J. Nutritional values of Australian Foods. AGPS.

### NUTR2912

Nutritional Science Introductory (Adv)

**This unit of study is not available in 2011**

| Credit points: 6 | Teacher/Coordinator: Dr Kim Bell-Anderson | Session: Semester 2 | Classes: Three 1-hour lectures and one 2.5-hour practical per week. Prerequisites: MBLG(1001 or 1901) and CHEM (1001 or 1101 or 1901 or 1903 or 1108) and CHEM (1002 or 1102 or 1902 or 1904 or 1109) and BIOL (1001 or 1101) and BIOL (1002 or 1003 or 1902 or 1903). For Combined Bachelor of Applied Science and Bachelor of Science/BSc(Nutrition) degree completion of all Junior units in the table of units for this course (CHEM1101, BACH1161, BACH1168, EXSS1018 CHEM1102, BIOS1169, BIOS1170, MBLG1001). Prohibitions: NUTR3901 Assessment: One 3-hour exam, one 1-hour theory of practical exam, one assignment. | Language: | Semester: 1 | Classes: Three 1-hour lectures and one 2.5-hour practical per week. Prerequisites: MBLG(1001 or 1901) and CHEM (1001 or 1101 or 1901 or 1903 or 1108) and CHEM (1002 or 1102 or 1902 or 1904 or 1109) and BIOL (1001 or 1101) and BIOL (1002 or 1003 or 1902 or 1903). For Combined Bachelor of Applied Science and Bachelor of Science/BSc(Nutrition) degree completion of all Junior units in the table of units for this course (CHEM1101, BACH1161, BACH1168, EXSS1018 CHEM1102, BIOS1169, BIOS1170, MBLG1001). Prohibitions: NUTR3901 Assessment: One 3-hour exam, one 1-hour theory of practical exam, one assignment. |

Information about the major nutrients, vitamins, the major and trace elements is presented with respect to food sources, consumption patterns, requirements for health, absorption, metabolism, nutritional/disease significance, deficiency states and the consequences of excess intakes. Practical classes cover aspects of food analysis of the student’s own diet. The practicals are designed to give students hands-on experience in the determination of major and minor nutrients in foods using procedures and instrumentation used in food research and analytical laboratories. The data obtained in the laboratory will be compared with that obtained with reference to published data in food composition tables. Students will gain an appreciation of the limitations of both methods of data collection and will become competent in the use and interpretation of food composition software packages.

### Textbooks

- English, R & Lewis, J. Nutritional values of Australian Foods. AGPS.
This unit of study also covers Anthropometry, Body Composition & Nutritional Biochemistry: anthropometric and body composition methods for the assessment of nutritional status; reference standards for assessing body composition; anthropometric measurements; biochemical and haematological indices for nutritional assessment.

Textbooks

NUTR3912 Community and Public Health Nutrition
Credit points: 6 Teacher/Coordinator: Ms Katherine Jukic, Ms Sue Amanatidis Session: Semester 2 Classes: Two 1-hour lectures and averaging one 3-hour workshop/tutorial/presentation per week. Prerequisites: NUTR2911 and NUTR2912 Prohibitions: NUTR3902 Assessment: One 2-hour exam and 2 assignments

This unit of study covers topics such as: nutrition through the life cycle from infancy to old age; nutrition in vulnerable groups; and theories of food habits. It helps students gain skills and knowledge in planning, implementing and evaluating nutrition health promotion programs for various population groups. Topics covered include: principles of health promotion, effective nutrition promotion strategies, program evaluation and program planning. This course also looks at current public health nutrition strategies and case studies for promoting health and preventing diet-related diseases.

Textbooks

NUTR3921 Methods in Nutrition Practice
Credit points: 6 Teacher/Coordinator: Ms Soumela Amanatidis Session: Semester 1 Classes: One 2-hour lecture and averaging one 3-hour tutorial/workshop per week. Prerequisites: NUTR2911 and NUTR2912 Prohibitions: NUTR3901 Assessment: One 2.5-hour exam and 2 assignments.

This unit of study covers basic concepts in: Survey & Questionnaire Design (data collection methods, designing surveys and research protocols, designing and piloting short questionnaires, focus groups); Nutritional Epidemiology (hypothesis, study designs, epidemiological measures and methods, sources of bias, critical appraisal of published data/literature); and Statistics (statistical methods, statistical packages, standard terminology).

Textbooks

NUTR3922 Nutrition and Chronic Disease
Credit points: 6 Teacher/Coordinator: Ms Katherine Jukic, A/Prof Margaret Allman-Farinelli Session: Semester 2 Classes: Two 1-hour lectures and averaging one 3-hour workshop/tutorial per week. Prerequisites: NUTR2911 and NUTR2912 Prohibitions: NUTR3902 Assessment: One 2.5-hour exam, and two assignments.

This unit of study examines the relationship and evidence for the role of nutrition in the etiology of chronic diseases, such as cancer, coronary heart disease, hypertension, obesity, dental caries and osteoporosis. It also investigates the current nutrition policies and guidelines that are aimed at preventing these diseases at a population level. Students will also get an opportunity to examine the current popular fad diets on the market, and develop a foundation of knowledge in debating, media, communication and counselling skills.

Textbooks

Pharmacology
This Department offers a general training in Pharmacology to students in the Faculty of Science. It provides three intermediate 6-credit point units of study and eight senior 6-credit point units of study.

PCOL2011 Pharmacology Fundamentals
Credit points: 6 Teacher/Coordinator: Dr Brent McParland Session: Semester 1 Classes: Two 1 hour lectures per week; workshops and laboratory sessions. Prerequisites: (6 credit points of Junior Chemistry) and (6 credit points of Junior Biology or MBLG (1001 or 1901)). Prohibitions: PCOL2001 Assessment: One 2 hour exam, in semester quizzes and reports (100%)

This unit of study examines four basic areas in Pharmacology: (1) principles of drug action (2) pharmacokinetics and drug metabolism (3) autonomic and endocrine pharmacology, and (4) drug design. The delivery of material involves lectures, practicals, computer-aided learning and problem-based workshops. Practical classes provide students with the opportunity of acquiring technical experience and teamwork skills. Problem-based workshops are based on real-life scenarios of drug use in the community. These workshops require students to integrate information obtained in lectures in order to provide solutions to the problems. Online quizzes accompany each module.

Textbooks

PCOL2012 Pharmacology: Drugs and People
Credit points: 6 Teacher/Coordinator: Dr Jonathan Arnold Session: Semester 2 Classes: Two 1 hour lectures per week; workshops and laboratory sessions. Prerequisites: (6 credit points of Junior Chemistry) and (6 credit points of Junior Biology or MBLG (1001 or 1901)). Prohibitions: PCOL2002, PCOL2003 Assumed knowledge: PCOL3011 Assessment: One 2 hour exam, in semester quizzes, reports (105%)

This unit of study examines four important areas of Pharmacology: (1) drug action in the nervous system (2) drug discovery and development (3) pharmacotherapy of inflammation, allergy and gut disorders, and (4) drugs of recreation, dependence and addiction. The delivery of material involves lectures, practicals, computer-aided learning and problem-based workshops. Practical classes provide students with the opportunity of acquiring technical experience and teamwork. Problem-based workshops are based on real-life scenarios of drug use in the community. These workshops require students to integrate information obtained in lectures in order to provide solutions to the problems. Online quizzes accompany each module.

Textbooks

PCOL255 Essentials of Pharmacology
Credit points: 6 Session: Summer Main Classes: On-line lectures and face-to-face tutorial and laboratory classes. Prohibitions: PCOL2011, PCOL2012 Assumed knowledge: 6cp of Junior Biology, 6 cp of junior Chemistry Assessment: on-line quizzes and a final examination (100%) This unit of study introduces students to the principles of drug action and allows them to develop an understanding of the therapeutic applications of drugs based on their underlying pharmacodynamic properties. It covers cardiovascular and renal drugs, chemotherapy, analgesics and anti-inflammatory agents, respiratory and gastro-intestinal drugs, drugs affecting peripheral and central neurotransmission and the principles of chemotherapy.

PCOL3011 Toxicology
Credit points: 6 Session: Semester 1 Classes: Two 1 hour lectures and one 3-hour tutorial/practical per week. Prerequisites: PCOL2001 or PCOL2011 and PCOL2012 or 42 credit points from Intermediate BMED units of study. Prohibitions: PCOL3001, PCOL3901, PCOL3911 Assessment: One 2 hour exam, tutorial presentations, assignments (100%)

This unit of study is designed to introduce students with a basic understanding of pharmacology to the discipline of toxicology. It considers the toxicology associated with therapeutic drugs (adverse drug reactions) and the associated issue of drug interactions. The pharmacogenetic basis of adverse reactions is also considered. The unit also considers aspects of environmental toxicology, particularly
toxic reactions to environmental agents such as asbestos and pesticides, and its effects on different target organs (lung, liver, CNS). As a final consequence of exposure to toxins, the biology and causes of cancer are discussed. As part of the unit students are introduced to basic ideas about the collection and analysis of data from human and animal populations, both in the structured situation of clinical trials, forensic problems and in analysis of retrospective data.

Textbooks

PCOL3911
Toxicology (Advanced)
Credit points: 6 Session: Semester 1 Classes: Two 1 hour lectures and one 3 hour tutorial/practical per week. Prerequisites: Distinction average in PCOL2011 and PCOL2012 or Distinction average in 42 credit points from Intermediate BMED units of study. Prohibitions: PCOL3001, PCOL3901, PCOL3011 Assessment: One 2 hour exam, tutorial presentations, assignments (100%)

This unit will consist of the lecture and practical components of PCOL3011. Students will be set special advanced assignments related to the material covered in core areas. These may also involve advanced practical work or detailed investigation of a theoretical problem.

Textbooks

PCOL3012
Drug Design and Development
Credit points: 6 Session: Semester 1 Classes: Two 1 hour lectures and one 3 hour tutorial/practical per week. Prerequisites: PCOL2001 or PCOL2011 and PCOL2012 or 42 credit points from Intermediate BMED units of study. Prohibitions: PCOL3001, PCOL3901, PCOL3912 Assessment: One 2 hour exam, in class quizzes, assignments (100%)

This unit of study is designed to introduce students with a basic understanding of pharmacology to the field of medicinal chemistry associated with drug design and development. The course covers the fundamental aspects of drug discovery and development with reference to the essentials of chemistry and illustrates drug development with examples that include neuropeptide inhibitors and statins. The role of computers in drug design is emphasised by classwork and assignments on molecular modelling and structure-activity relationships. The course also extends to a section on the design of diverse pharmacological agents which include compounds for imaging by positron emission tomography (PET), as well as chemical and biological warfare agents, and riot control agents.

Textbooks

PCOL3912
Drug Design and Development (Adv)
Credit points: 6 Session: Semester 1 Classes: Two 1 hour lectures and one 3 hour tutorial/practical per week. Prerequisites: Distinction average in PCOL2011 and PCOL2012 or Distinction average in 42 credit points from Intermediate BMED units of study. Prohibitions: PCOL3001, PCOL3901, PCOL3012 Assessment: One 2 hour exam, in class quizzes, assignments (100%)

This unit will consist of the lecture and practical components of PCOL3012. Students will be set special advanced assignments related to the material covered in core areas. These may also involve advanced practical work or detailed investigation of a theoretical problem.

Textbooks

PCOL3021
Drug Therapy
Credit points: 6 Session: Semester 2 Classes: Two 1 hour lectures per week, 4 hour tutorials, two 4 hour practical/computer laboratories, elective project (equivalent to three 4 hour practicals). Prerequisites: PCOL2011 and PCOL2012 or 36 credit points from intermediate BMED units of study. Prohibitions: PCOL3002, PCOL3902, PCOL3921 Assessment: One 2 hour exam, tutorial and practical assignments and elective project (100%)

This unit of study builds on pharmacological knowledge acquired in the intermediate PCOL and BMED units of study with a major emphasis on gaining an understanding of the scientific basis of drug therapy. Lecture topics, tutorials and laboratory sessions cover drug treatment of arthritis and asthma, cardiovascular disorders, microbial infections and can-cer. Elective projects relate to current research areas in Pharmacology.

Textbooks

PCOL3921
Drug Therapy (Advanced)
Credit points: 6 Session: Semester 2 Classes: Two 1 hour lectures per week, four 1 hour tutorials, two 4 hour practical/computer laboratories, elective project (equivalent to three 4 hour practicals). Prerequisites: Distinction average in PCOL2011 and PCOL2012 or in 36 credit points from intermediate BMED units of study. Prohibitions: PCOL3002, PCOL3902, PCOL3921 Assessment: One 2 hour exam, tutorial and practical assignments and elective project (100%)

Advanced students complete the same core lecture material as students in PCOL3021 but carry out advanced level elective projects, practicals and tutorials.

Textbooks

PCOL3022
Neuropharmacology
Credit points: 6 Session: Semester 2 Classes: Two 1 hour lectures per week, four 1 hour tutorials, two 3 hour practicals, one 2 hour practical workshop, elective project (equivalent to three 4 hour practicals). Prerequisites: PCOL2011 and PCOL2012 or 36 credit points from intermediate BMED units of study. Prohibitions: PCOL3002, PCOL3902, PCOL3922 Assessment: One 2 hour exam, tutorial and practical assignments and elective project (100%)

This unit of study builds on pharmacological knowledge acquired in the intermediate PCOL and BMED units of study with a major emphasis on gaining an understanding of neuropharmacology. The neuropharmacology of the major neurotransmitters is explored together with the treatment of disorders such as Alzheimer’s disease, depression, epilepsy, insomnia, pain and schizophrenia. Elective projects relate to current research areas in Pharmacology.

Textbooks

PCOL3922
Neuropharmacology (Advanced)
Credit points: 6 Session: Semester 2 Classes: Two 1 hour lectures and one 3 hour tutorial/practical per week. Prerequisites: Distinction average in PCOL2011 and PCOL2012 or 36 credit points from intermediate BMED units of study. Prohibitions: PCOL3002, PCOL3902, PCOL3922 Assessment: One 2 hour exam, tutorial and practical assignments and elective project (100%)

Advanced students complete the same core lecture material as students in PCOL3022 but carry out advanced level elective projects, practicals and tutorials.

Textbooks

Physics
Physics is the basis of most of the sciences. Many techniques developed by physicists are used in all the sciences, e.g. Nuclear Magnetic Resonance Spectroscopy, Radio-Carbon Dating, Medical Resonance Imaging, Nuclear Medicine, Atomic Absorption Spectroscopy and Electron Microscopy. Physics is good training for more than Physics! To quote Dr Karl Kruszelnicki: “Physics teaches you to be a good scientist! You learn how to work out what the problem is, and then, how to solve it... You will learn how to design experiments, how to make measurements, and how to analyse your
results. Note one very important thing – you are learning how to be any type of scientist, not just a Physicist.”

Graduate opportunities
Physics is a generalist major that, instead of preparing you for a narrow career path in just one area, allows you great freedom of choice in your ultimate employment. This may appeal to students who have not yet committed themselves to one career choice. Skills acquired during a physics degree, such as problem solving, information handling, critical reasoning, logical thought, clear communication, and use of computers as an analysis tool are much in demand in many fields of employment. You may end up as a professional physicist, but equally these skills fit you for a job in medicine, communications, manufacturing, teaching, journalism, public service, management, finance, and many more.

Study plan for the major
First year Completion of one unit of study in each semester provides a solid foundation for further studies in Physics in higher years. Second year Either of the first semester units PHYS 2011 or PHYS 2911, together with either of the second semester units PHYS 2012 or PHYS 2912 is sufficient to qualify for admission to Senior Physics. If you are intending to major in Physics, we strongly recommend you take PHYS 2013 or PHYS 2913 as well. Third year Senior units of study are a combination of lecture modules with lab or a special project. Core lecture modules are electromagnetism and quantum mechanics. Electives include nanoscience, plasma physics, thermodynamics, biophysics, astrophysics, optics and high energy physics.

Registration
Junior units of study: In assigned laboratory sessions during the second week of each semester. Intermediate units of study: At first laboratory, in Room 320/321 in the Physics Building. Senior units of study: At first lecture, in the Physics Building.

Further study
Eligible students can proceed to the Honours year, where you gain not only the benefit of studying physics to a higher level (with a wide choice of courses to be taken), but you also gain invaluable experience in undertaking a research project supervised by one or more members of staff, and producing a Report. Many students also end up publishing one or more scientific papers based on their Honours research. After Honours, many students continue into a higher research degree to pursue careers in research. Graduates can also undertake further study by coursework in the areas of Medical Physics, Applied Nuclear Science and Photonics & Optical Science.

Related majors
Computational Science, Nanoscience

Physics junior units of study

Coordinator
Dr Joe Khachan

Units of Study
There are seven different semester length units of study offered at the Junior level. Completion of one unit of study in each semester provides a solid foundation for further studies in Physics in higher years. PHYS1500 Astronomy cannot be counted towards the 12 credit points of Junior Physics needed as a prerequisite for Intermediate Physics. Each unit of study has a laboratory component. The first semester laboratory work provides an introduction to experimental techniques while reinforcing concepts of physics introduced in lectures. In second semester the laboratory work provides an introduction to electrical circuits and offers students the opportunity to design and undertake short experimental projects.

First semester
PHYS1001 (Regular); PHYS1002 (Fundamentals); PHYS1901 (Advanced)

Second semester
PHYS1003 (Technological); PHYS1004 (Environmental and Life Sciences); PHYS1902 (Advanced); PHYS1500 (Astronomy)

Information Booklet
Further information about Junior Physics units of study is contained in a booklet for intending commencing students available at enrolment or during O-Week or from the Physics Student Support Office (Room 202, ground floor, Physics Building (A28)). It is also available on the School of Physics website at www.physics.usyd.edu.au

Progression to Intermediate Physics
Students intending to continue into Intermediate Physics are encouraged to take PHYS1003 or PHYS1902 in semester 2. Students taking PHYS1004 may continue into Intermediate Physics but are recommended to undertake supplementary reading as additional preparation.

PHYS1001
Physics 1 (Regular)
Credit points: 6 Session: Semester 1 Classes: Three 1-hour lectures, one 3-hour laboratory per week for 9 weeks and one 1 hour tutorial per week. Corequisites: Recommended concurrent Units of Study: MATH (1001/1901, 1002/1902) Prohibitions: PHYS1002, PHYS1901, EDUH1017 Assumed knowledge: HSC Physics Assessment: 3 hour exam plus laboratories, assignments and mid-semester tests (100%)

This unit of study is for students who gained 65 marks or better in HSC Physics or equivalent. The lecture series contains three modules on the topics of mechanics, thermal physics, and oscillations and waves.

Textbooks
Course lab manual.

PHYS1002
Physics 1 (Fundamentals)
Credit points: 6 Session: Semester 1 Classes: Three 1-hour lectures, one 3-hour laboratory per week for 10 weeks and one 1-hour tutorial per week. Corequisites: Recommended concurrent Units of Study: MATH (1001/1901, 1002/1902) Prohibitions: PHYS1001, PHYS1901, EDUH1017 Assumed knowledge: No assumed knowledge of Physics Assessment: 3 hour exam plus laboratories, assignments and mid-semester tests (100%)

This unit of study is designed for students who have not studied Physics previously or scored below 65 in HSC Physics. The lecture series contains modules on the language of physics, mechanics, and oscillations and waves.

Textbooks

PHYS1003
Physics 1 (Technological)
Credit points: 6 Session: Semester 2 Classes: Three 1-hour lectures, one 3-hour laboratory per week for 10 weeks, one 1-hour tutorial per week. Corequisites: Recommended concurrent Units of Study: MATH (1003/1903), MATH (1005/1905). Prohibitions: PHYS1004, PHYS1902 Assumed knowledge: HSC Physics or PHYS (1001 or 1002 or 1901 or equivalent). Assessment: 3 hour exam plus laboratories, tutorials, and assignments (100%) Note: It is recommended that PHYS (1001 or 1002 or 1901) be completed before this unit

This unit of study is designed for students majoring in physical and engineering sciences and emphasis is placed on applications of physical principles to the technological world. The lecture series contains modules on the topics of fluids, electromagnetism, and quantum physics.

Textbooks
This unit of study is a continuation of the more advanced treatment of Physics 1A (Advanced); Students who have completed PHYS1001 or PHYS1002 at Distinction level may enrol. It proceeds faster than Physics 1 (Technological), covering further and more difficult material. The lecture series contains modules on the topics of fluids, electricity and magnetism, and quantum physics.

Textbooks
Course lab manual.

Physics intermediate units of study

Coordinator
Associate Professor Mike Wheatland

Units of Study
There are three units at the Normal level and three at the Advanced level: PHYS2011/2911 Physics 2A (Normal/Advanced) - Semester 1; PHYS2012/2912 Physics 2B (Normal/Advanced) - Semester 2; PHYS2013/2913 Astrophysics and Relativity (Normal/Advanced) - Semester 2. The Advanced versions can be taken by students who have achieved a Credit or better in their previous Physics units.

Progression to senior Physics
The prerequisites for Senior Physics units are PHYS2011/2911 and PHYS2012/2912. Students intending to major in Physics are strongly encouraged to take PHYS2012/2913 as well. Full details of Intermediate Physics unit of study structures, content and assessment policies are provided in the unit of study handbooks available at the start of semester on the School of Physics website at www.physics.usyd.edu.au and also on unit of study eLearning sites.

PHYS2011 Physics 2A

Credit points: 6 Session: Semester 1 Classes: Three 1-hour lectures, one 2-hour laboratory and one 1-hour tutorial per week. Prerequisites: UAI (or ATAR equivalent) of at least 96, or HSC Physics result in Band 6, or PHYS1002 or Distinction in Physics 1B (Environmental & Life Science). MATH (1001/1901 and 1002/1902 and 1003/1903). MATH (1005/1905) would also be useful Assessment: One 2-hour exam, one 1-hour computational test, practical work, practical report and oral presentation (100%) In combination with two semesters of Junior Physics, this unit of study continues a first pass through the major branches of classical and modern physics, providing students with a sound basis for later Physics units or for studies in other areas of science or technology. Hence, this unit suits students continuing with the study of Physics at the Intermediate level, and those wishing to round out their knowledge of physics before continuing in other fields.

The major topics in this unit of study are:

- Optics: The wave nature of light, and its interactions with matter. Applications including spectroscopy and fibre optics.
- Nuclear Physics: The fundamental structure of matter.
- Computational Physics: In a PC-based computing laboratory students use simulation software to conduct virtual experiments in optics, which illustrate and extend the relevant lectures. Students also gain experience in the use of computers to solve problems in physics. An introductory session is held at the beginning of semester for students who are not familiar with programming.
- Practical: Experimental Physics is taught as a laboratory module and includes experiments in the areas of optics, nuclear decay and particles, properties of matter, and other topics. Assessment is based on mastery of each attempted experiment. At the end of the semester students prepare a short report on one experiment and make an oral presentation on it.

Textbooks
Course lab manual.
PHYS2012
Physics 2B
Credit points: 6
Session: Semester 2 Classes: Three 1-hour lectures per week; one 2-hour computational laboratory per week for 11 weeks. 
Prerequisites: PHYS (1003 or 1004 or 1902) and PHYS (1001 or 1002 or 1901 or 2011 or 2911) 
Prohibitions: PHYS2102, PHYS2104, PHYS2902, PHYS2903, PHYS2902, PHYS29213, PHYS29203 Assumed knowledge: MATH (1001/1901 and 1002/1902 and 1003/1903)

This unit of study is designed for students continuing with the study of Physics at the General Intermediate level, and represents the beginning of a more in-depth study of the main topics of classical and modern physics. The lecture topics are:

Quantum physics: The behaviour of matter and radiation at the microscopic level, modelled by the Schroedinger equation. Application to 1-dimensional systems including solid state physics.

Electromagnetic properties of matter: Electric and magnetic effects in materials; the combination of electric and magnetic fields to produce light and other electromagnetic waves; the effects of matter on electromagnetic waves.

Computational Physics: The computational physics component is similar to that of PHYS2011, except that the material illustrates topics in the quantum physics module. 

Textbooks

PHYS2013
Astrophysics and Relativity
Credit points: 6
Session: Semester 2 Classes: Two 1-hour lectures per week for 11 weeks and one 3-hour experimental laboratory per week for 12 weeks. 
Prerequisites: PHYS (1003 or 1004 or 1902) and PHYS (1001 or 1002 or 1901 or 2011 or 2911) 
Corequisites: PHYS (2012 or 2014) 
Assessment: One 2-hour exam, practical work, oral presentation (100%)

This unit of study builds on the foundation provided by Junior Physics and first semester of Intermediate Physics, to provide an introduction to Astrophysics (Structure and evolution of stars), and Special Relativity (Space and time at high velocities).

Practical: Experimental Physics is taught as a laboratory module and includes experiments in the areas of analysis of stellar images, electromagnetic phenomena, electronic instrumentation, quantum physics, and other topics. Assessment is based on mastery of each attempted experiment. At the end of the semester students may work in teams on a project. Students prepare a written report and oral presentation on their project or one experiment.

Textbooks

PHYS2011
Physics 2A (Advanced)
Credit points: 6
Session: Semester 1 Classes: Two 1-hour lectures per week for 11 weeks; one 2-hour computational laboratory and one 3-hour experimental laboratory per week for 9 weeks. 
Prerequisites: Credit or better in PHYS (1901 or 1002 or 1901 or 2011) and Credit or better in PHYS (1003 or 1004 or 1902) 
Assessment: One 3-hour exam, one 1-hour computational test (100%)

This unit of study is designed for students with a strong interest in Physics. The lecture topics are as for PHYS2011. They are treated in greater depth and with more rigorous attention to derivations than in PHYS2011. The assessment reflects the more challenging nature of the material presented.

Computational Physics: As for PHYS2011, but at a more advanced level.

Practical: As for PHYS2011.

PHYS2912
Physics 2B (Advanced)
Credit points: 6
Session: Semester 2 Classes: Three 1-hour lectures per week, one-2-hour computational laboratory per week for 11 weeks. 
Prerequisites: Credit or better in PHYS (1003 or 1004 or 1902) and Credit or better in PHYS (1001 or 1002 or 1901 or 2001 or 2901 or 2011 or 2911). 
Prohibitions: PHYS2102, PHYS2104, PHYS2902, PHYS2902, PHYS2902, PHYS2902, PHYS2902, PHYS29213, PHYS29203 Assumed knowledge: MATH (1001/1901 and 1002/1902 and 1003/1903). MATH 1005/1905 would also be useful.
Assessment: One 3-hour exam, one 1-hour computational test (100%)

Refer to PHYS2911 for an overall description of the Advanced Intermediate Physics program. The lecture topics are as for PHYS2012 with some advanced content. Computational Physics: As for PHYS2012, but at a more advanced level.

Textbooks

PHYS2913
Astrophysics and Relativity (Advanced)
Credit points: 6
Session: Semester 2 Classes: Two 1-hour lectures per week for 11 weeks; one 3-hour experimental laboratory per week for 12 weeks. 
Prerequisites: Credit or better in PHYS (1003 or 1004 or 1902) and Credit or better in PHYS (1001 or 1002 or 1901 or 2011 or 2911) 
Corequisites: PHYS (2912 or 2914) 
Assessment: One 3-hour exam, practical work, oral presentation (100%)

The lecture topics are as PHYS2013 with some advanced content. Practical: as for PHYS2013.

Textbooks

Physics senior units of study
Coordinator
Professor Tim Bedding

Majoring in Physics
Students intending to major in Physics, or to proceed to Physics Honours, must take at least 24 credit points of Senior Physics, which must include a Semester 1 Core unit (PHYS3040, 3940 or 3941); a Semester 2 Core unit (PHYS3060, 3960 or 3961); and two Options units (usually one in each semester). Further information concerning Senior Physics is available on the School of Physics website at www.physics.usyd.edu.au and also on unit of study eLearning sites.

Units intended for students not majoring in Physics

PHYS3015
Topics in Senior Physics A
Credit points: 6
Session: Semester 1 Classes: 40 hours per semester. 
Prerequisites: PHYS (2011 or 2911) and PHYS (2012 or 2912) Assumed knowledge: 6 credit points of Intermediate Mathematics Assessment: Exams and/or practical reports. 
Note: Department permission required for enrolment.

This unit is normally restricted to students not majoring in Physics, giving them the flexibility to take a combination of modules that is not offered in the standard units. Please obtain permission from the Senior Physics Coordinator.

PHYS3915
Topics in Senior Physics A (Advanced)
Credit points: 6
Session: Semester 1 Classes: 40 hours per semester 
Prerequisites: Credit in PHYS (2011 or 2911) and Credit in PHYS (2012 or 2912) Assumed knowledge: 6 credit points of Intermediate Mathematics Assessment: Exams, assignments and/or laboratory reports (100%) 
Note: Department permission required for enrolment.

This unit of study covers the same topics as PHYS3015, with some more challenging material.
PHYS3025
Topics in Senior Physics B
Credit points: 6
Session: Semester 2
Classes: 40 hours per semester.
Prerequisites: PHYS3011 and/or PHYS3012
Assumed knowledge: 6 credit points of Intermediate Mathematics.
Assessment: Exams and/or practical reports (100%)
Note: Department permission required for enrolment.

This unit is normally restricted to students not majoring in Physics, giving them the flexibility to take a combination of modules that is not offered in the standard units. Please obtain permission from the Senior Physics Coordinator.

PHYS3925
Topics in Senior Physics B (Advanced)
Credit points: 6
Session: Semester 2
Classes: 40 hours per semester.
Prerequisites: Credit in PHYS3011 and/or in PHYS3012
Assessment: Exams, assignments and/or laboratory reports (100%)
Note: Department permission required for enrolment.

This unit of study covers the same topics as PHYS3025, with some more challenging material.

Semester 1 core units

PHYS3040
Electromagnetism and Physics Lab
Credit points: 6
Session: Semester 1
Classes: Nineteen 1 hour lectures and twelve 3 hour practicals.
Prerequisites: PHYS3011 and/or PHYS3012
Assessment: One 1.5 hour exam, practical reports and oral presentation (100%)

The lectures cover the theory of electromagnetism, one of the cornerstones of classical physics. They introduce Maxwell’s equations in their differential form, using the power of vector calculus. The main application will be to electromagnetic waves, including reflection and absorption, which have application in fields such as optics, plasma physics and astrophysics. In the practical laboratory classes, students will choose from a range of experiments that aim to give them an appreciation of the analytical, technical and practical skills required to conduct modern experimental work.

Textbooks

PHYS3940
Electromagnetism and Physics Lab (Adv)
Credit points: 6
Session: Semester 1
Classes: Nineteen 1 hour lectures and twelve 4 hour practicals.
Prerequisites: PHYS3011 with a grade of at least Credit; PHYS3012 with a grade of at least Credit; MATH2061 or MATH2067
Assessment: One 1.5 hour exam, assignments, practical reports and oral presentation (100%)

This unit of study covers the same topics as PHYS3040, but with greater depth and some more challenging material.

Textbooks

PHYS3047
Credit points: 6
Session: Semester 1
Classes: Fifty-seven 1 hour lectures.
Prerequisites: PHYS3011 and/or PHYS3012
Assessment: One 3 hour exam (100%)

The lectures on Thermodynamics provide an introduction to the subject, emphasising the use of entropy, chemical potential, and free energy. They also introduce statistical mechanics, including the classical Boltzmann distribution and some quantum statistical mechanics. The lectures on Biophysics cover applications of physics to biological systems, including topics such as molecular biology, structure and properties of polymers and proteins, thermodynamics of cells, transport of biomolecules, excitation of nerve impulses, and computer simulations of biological systems. The lectures on High Energy Physics cover the basic constituents of matter, such as quarks and leptons, examining their fundamental properties and interactions, and their origin at the creation of the universe.

Textbooks
Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley. 2000

PHYS3048
Credit points: 6
Session: Semester 1
Classes: Fifty-seven 1 hour lectures.
Prerequisites: PHYS3011 and/or PHYS3012
Assessment: One 3 hour exam (100%)

This unit covers the same topics as PHYS3047, but with greater depth and some more challenging material.

Textbooks
Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley. 2000

PHYS3049
Credit points: 6
Session: Semester 1
Classes: Fifty-seven 1 hour lectures.
Prerequisites: PHYS3011 and/or PHYS3012
Assessment: One 3 hour exam (100%)

The lectures on Thermodynamics provide an introduction to the subject, emphasising the use of entropy, chemical potential, and free energy. They also introduce statistical mechanics, including the classical Boltzmann distribution and some quantum statistical mechanics. Plasma Physics is the study of plasmas, which are collections of charged and neutral particles and form the main constituent of the Universe. These lectures aim to provide an understanding of the physics of fundamental phenomena in plasmas.
Science units of study

and to introduce the basic methods of theoretical and experimental
plasma physics. The lectures on High Energy Physics cover the basic
constituents of matter, such as quarks and leptons, examining their
fundamental properties and interactions, and their origin at the creation
of the universe.
Textbooks
Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley. 2000

PHYS3947
Thermodynamics/Plasma/High Energy (Adv)
Credit points: 6 Session: Semester 1 Classes: Fifty-seven 1 hour lectures
Prerequisites: Credit in PHYS (2011 or 2911) and Credit in PHYS (2012 or
2912) and MATH (2061 or 2961 or 2067) Corequisites: PHYS (3040 or 3940
or 3941) Prohibitions: PHYS3046, PHYS3946, PHYS3047, PHYS3048,
PHYS3948, PHYS3049, PHYS3949, PHYS3051, PHYS3951, PHYS3052,
PHYS3952, PHYS3053, PHYS3953, PHYS3054, PHYS3954, PHYS3055,
PHYS3955, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3058,
PHYS3958, PHYS3059, PHYS3959, PHYS3069, PHYS3969, PHYS3070,
PHYS3970, PHYS3071, PHYS3971, PHYS3072, PHYS3972, PHYS3073,
PHYS3973, PHYS3074, PHYS3974, PHYS3076, PHYS3976, PHYS3077,
PHYS3977, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080,
PHYS3980, PHYS3082, PHYS3982 Assessment: One 3 hour exam (100%)

PHYS3049
Thermodynamics/High Energy Physics/Lab
Credit points: 6 Session: Semester 1 Classes: Thirty-eight 1 hour lectures
and six 4 hour practicals. Prerequisites: PHYS (2011 or 2911) and PHYS (2012
or 2912) Prohibitions: PHYS3046, PHYS3946, PHYS3947, PHYS3947,
PHYS3048, PHYS3948, PHYS3949, PHYS3051, PHYS3951, PHYS3052,
PHYS3952, PHYS3053, PHYS3953, PHYS3054, PHYS3954, PHYS3055,
PHYS3955, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3058,
PHYS3958, PHYS3059, PHYS3959, PHYS3069, PHYS3969, PHYS3071,
PHYS3971, PHYS3073, PHYS3973, PHYS3074, PHYS3974, PHYS3076,
PHYS3976, PHYS3078, PHYS3978, PHYS3079, PHYS3979, PHYS3080,
PHYS3980, PHYS3082, PHYS3982 Assessment: One 2 hour exam, practical
reports (100%)

This unit covers the same topics as PHYS3047, but with greater depth
and some more challenging material.

The lectures on Thermodynamics provide an introduction to the
subject, emphasising the use of entropy, chemical potential, and free
energy. They also introduce statistical mechanics, including the
classical Boltzmann distribution and some quantum statistical
mechanics. The lectures on High Energy Physics cover the basic
constituents of matter, such as quarks and leptons, examining their
fundamental properties and interactions, and their origin at the creation
of the universe. In the practical laboratory classes, students will choose
from a range of experiments that aim to give them an appreciation of
the analytical, technical and practical skills required to conduct modern
experimental work.

Textbooks
Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley. 2000

Textbooks
Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley. 2000

PHYS3048
Thermodynamics/Plasma Physics/Lab

PHYS3949
Thermodynamics/High Energy Phys/Lab(Adv)

Credit points: 6 Session: Semester 1 Classes: Thirty-eight 1 hour lectures
and six 4 hour practicals Prerequisites: PHYS (2011 or 2911) and PHYS (2012
or 2912) and MATH (2061 or 2961 or 2067) Corequisites: PHYS (3040 or
3940 or 3941) Prohibitions: PHYS3046, PHYS3946, PHYS3047, PHYS3947,
PHYS3948, PHYS3049, PHYS3949, PHYS3051, PHYS3951, PHYS3052,
PHYS3952, PHYS3053, PHYS3953, PHYS3054, PHYS3954, PHYS3055,
PHYS3955, PHYS3056, PHYS3956, PHYS3057, PHYS3957, PHYS3058,
PHYS3958, PHYS3059, PHYS3959, PHYS3070, PHYS3970, PHYS3072,
PHYS3972, PHYS3073, PHYS3973, PHYS3076, PHYS3976, PHYS3077,
PHYS3977, PHYS3078, PHYS3978 Assessment: One 2 hour exam, practical
reports (100%)

Credit points: 6 Session: Semester 1 Classes: Thirty-eight 1 hour lectures
and six 4 hour practicals Prerequisites: Credit in PHYS (2011 or 2911) and
Credit in PHYS (2012 or 2912) Prohibitions: PHYS3046, PHYS3946,
PHYS3947, PHYS3947, PHYS3048, PHYS3948, PHYS3049, PHYS3051,
PHYS3951, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3054,
PHYS3954, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3057,
PHYS3957, PHYS3058, PHYS3958, PHYS3059, PHYS3959, PHYS3069,
PHYS3969, PHYS3071, PHYS3971, PHYS3073, PHYS3973, PHYS3074,
PHYS3974, PHYS3076, PHYS3976, PHYS3078, PHYS3978, PHYS3079,
PHYS3979, PHYS3080, PHYS3980, PHYS3082, PHYS3982 Assessment:
One 2 hour exam, practical reports (100%)

The lectures on Thermodynamics provide an introduction to the
subject, emphasising the use of entropy, chemical potential, and free
energy. They also introduce statistical mechanics, including the
classical Boltzmann distribution and some quantum statistical
mechanics. Plasma Physics is the study of ionised gases, which are
collections of charged and neutral particles and form the main
constituent of the Universe. These lectures aim to provide an
understanding of the physics of fundamental phenomena in plasmas
and to introduce the basic methods of theoretical and experimental
plasma physics. In the practical laboratory classes, students will
choose from a range of experiments that aim to give them an
appreciation of the analytical, technical and practical skills required
to conduct modern experimental work.

This unit covers the same topics as PHYS3049, but with greater depth
and some more challenging material.

Textbooks
Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley. 2000

PHYS3948
Thermodynamics/Plasma Physics/Lab (Adv)
Credit points: 6 Session: Semester 1 Classes: Thirty-eight 1 hour lectures
and six 4 hour practicals Prerequisites: Credit in PHYS (2011 or 2911) and
Credit in PHYS (2012 or 2912) and MATH (2061 or 2961 or 2067) Corequisites:
PHYS (3040 or 3940 or 3941) Prohibitions: PHYS3046, PHYS3946,
PHYS3047, PHYS3947, PHYS3048, PHYS3049, PHYS3949, PHYS3051,
PHYS3951, PHYS3052, PHYS3952, PHYS3053, PHYS3953, PHYS3054,
PHYS3954, PHYS3055, PHYS3955, PHYS3056, PHYS3956, PHYS3057,
PHYS3957, PHYS3058, PHYS3958, PHYS3059, PHYS3959, PHYS3070,
PHYS3970, PHYS3072, PHYS3972, PHYS3073, PHYS3973, PHYS3076,
PHYS3976, PHYS3077, PHYS3977, PHYS3078, PHYS3978 Assessment:
One 2 hour exam, practical reports (100%)

This unit covers the same topics as PHYS3048, but with greater depth
and some more challenging material.
Textbooks
Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley. 2000

Textbooks
Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley. 2000

PHYS3051
Thermodynamics/Biophysics & Lab
Credit points: 6 Session: Semester 1 Classes: Thirty-eight 1 hour lectures
and six 4 hour practicals. Prerequisites: PHYS (2011 or 2911); PHYS (2012
or 2912) Prohibitions: PHYS3046, PHYS3946, PHYS3047, PHYS3947,
PHYS3048, PHYS3948, PHYS3049, PHYS3949, PHYS3951, PHYS3052,
PHYS3952, PHYS3053, PHYS3953, PHYS3055, PHYS3955, PHYS3056,
PHYS3956, PHYS3057, PHYS3957, PHYS3058, PHYS3958, PHYS3059,
PHYS3959 Assessment: One 2 hour exam, practical reports (100%)

The lectures on Thermodynamics provide an introduction to the
subject, emphasising the use of entropy, chemical potential, and free
energy. They also introduce statistical mechanics, including the
classical Boltzmann distribution and some quantum statistical
mechanics. The Biological Physics component will cover applications
of physics to biological systems, including topics such as molecular
biology, structure and properties of polymers and proteins,
thermodynamics of cells, transport of biomolecules, excitation of nerve
impulses, and computer simulations of biological systems. In the
practical laboratory classes, students will choose from a range of
experiments that aim to give them an appreciation of the analytical,
technical and practical skills required to conduct modern experimental
work.
Textbooks
Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley. 2000

PHYS3951
Thermodynamics/Biophysics & Lab (Adv)
Credit points: 6 Session: Semester 1 Classes: Thirty-eight 1 hour lectures
and six 4 hour practicals Prerequisites: PHYS (2011 or 2911) with at least

330


This unit covers the same topics as PHYS3051, but with greater depth and some more challenging material.

**Textbooks**
Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley. 2000

**PHYS3059**

**Plasma Physics/Thermodynamics/Biophysics**

*Credit points: 6 Session: Semester 1 Classes: Fifty-seven 1 hour lectures.*

**Corequisites:** PHYS3040 or PHYS3940 or PHYS3941

**Prohibitions:** PHYS3048, PHYS3948, PHYS3949, PHYS3951, PHYS3952, PHYS3953, PHYS3954, PHYS3955, PHYS3956, PHYS3957, PHYS3958, PHYS3959, PHYS3070

Assessment: One 2 hour exam, practical reports (100%) and six 4 hour practicals.

This unit covers the same topics as PHYS3051, but with greater depth and some more challenging material.

**Textbooks**
Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley. 2000

**PHYS3959**

**Plasma Physics./Thermodynamics/Biophysics(Adv)**

*Credit points: 6 Session: Semester 1 Classes: Fifty-seven 1 hour lectures.*

**Corequisites:** PHYS3040 or PHYS3940 or PHYS3941

**Prohibitions:** PHYS3048, PHYS3948, PHYS3949, PHYS3951, PHYS3952, PHYS3953, PHYS3954, PHYS3955, PHYS3956, PHYS3957, PHYS3958, PHYS3959, PHYS3070

Assessment: One 2 hour exam and assignments (100%) and six 4 hour practicals.

Plasma Physics is the study of ionised gases, which are collections of charged and neutral particles and form the main constituent of the Universe. The lectures cover the properties of plasmas and their applications, including nuclear fusion energy, materials synthesis and modification, environmental remediation, aerospace, nano and biomedical technologies. The lectures on Thermodynamics provide an introduction to the subject, emphasising the use of entropy, chemical potential, and free energy. They also introduce statistical mechanics, including the classical Boltzmann distribution and some quantum statistical mechanics. The Biological Physics component will cover applications of physics to biological systems, including topics such as molecular biology, structure and properties of polymers and proteins, thermodynamics of cells, transport of biomolecules, excitation of nerve impulses, and computer simulations of biological systems.

**Textbooks**
Schroeder, DV. An Introduction to Thermal Physics. Addison-Wesley. 2000

**PHYS3060**

**Quantum Mechanics & Physics Lab**

*Credit points: 6 Session: Semester 2 Classes: Nineteen 1 hour lectures and twelve 4 hour practicals.*

**Corequisites:** PHYS3040 or PHYS3940 or PHYS3941

**Prohibitions:** PHYS3048, PHYS3948, PHYS3949, PHYS3951, PHYS3952, PHYS3953, PHYS3954, PHYS3955, PHYS3956, PHYS3957, PHYS3958, PHYS3959, PHYS3070

Assessment: One 2 hour exam, practical reports (100%) and six 4 hour practicals.

The lectures cover the fundamental concepts and formalism of quantum mechanics, and the application to angular momentum and symmetry in quantum mechanics. In the practical laboratory classes, students will choose from a range of experiments that aim to give them an appreciation of the analytical, technical and practical skills required to conduct modern experimental work.

**Textbooks**

**PHYS3960**

**Quantum Mechanics & Physics Lab (Adv)**

*Credit points: 6 Session: Semester 2 Classes: Nineteen 1 hour lectures and twelve 4 hour practicals.*

**Corequisites:** PHYS3040 or PHYS3940 or PHYS3941

**Prohibitions:** PHYS3048, PHYS3948, PHYS3949, PHYS3951, PHYS3952, PHYS3953, PHYS3954, PHYS3955, PHYS3956, PHYS3957, PHYS3958, PHYS3959, PHYS3070

Assessment: One 2 hour exam, practical reports (100%) and six 4 hour practicals.

This unit covers the same topics as PHYS3060, but with greater depth and some more challenging material.

**Textbooks**

**PHYS3073**

**Plasma/High Energy Physics & Lab**

*Credit points: 6 Session: Semester 2 Classes: Thirty-eight 1 hour lectures.*

**Corequisites:** PHYS3040 or PHYS3940 or PHYS3941

**Prohibitions:** PHYS3048, PHYS3948, PHYS3949, PHYS3951, PHYS3952, PHYS3953, PHYS3954, PHYS3955, PHYS3956, PHYS3957, PHYS3958, PHYS3959, PHYS3070

Assessment: One 2 hour exam, practical reports (100%) and six 4 hour practicals.

Plasma Physics is the study of ionised gases, which are collections of charged and neutral particles and form the main constituent of the Universe. These lectures aim to provide an understanding of the physics of fundamental phenomena in plasmas and to introduce the basic methods of theoretical and experimental plasma physics. The lectures on High Energy Physics cover the basic constituents of matter, such as quarks and leptons, examining their fundamental properties and interactions, and their origin at the creation of the universe. In the practical laboratory classes, students will choose from a range of experiments that aim to give them an appreciation of the analytical, technical and practical skills required to conduct modern experimental work.

**PHYS3973**

**Plasma/High Energy Physics & Lab (Adv)**

*Credit points: 6 Session: Semester 2 Classes: Thirty-eight 1 hour lectures and six 4 hour practicals.*

**Corequisites:** PHYS3040 or PHYS3940 or PHYS3941

**Prohibitions:** PHYS3048, PHYS3948, PHYS3949, PHYS3951, PHYS3952, PHYS3953, PHYS3954, PHYS3955, PHYS3956, PHYS3957, PHYS3958, PHYS3959, PHYS3070

Assessment: One 2 hour exam, practical reports (100%) and six 4 hour practicals.

This unit covers the same topics as PHYS3073, but with greater depth and some more challenging material.

**Semester 2 core units**

**PHYS3090**

**Quantum Mechanics & Physics Lab**

*Credit points: 6 Session: Semester 2 Classes: Nineteen 1 hour lectures and twelve 4 hour practicals.*

**Corequisites:** PHYS3040 or PHYS3940 or PHYS3941

**Prohibitions:** PHYS3048, PHYS3948, PHYS3949, PHYS3951, PHYS3952, PHYS3953, PHYS3954, PHYS3955, PHYS3956, PHYS3957, PHYS3958, PHYS3959, PHYS3070

Assessment: One 1.5 hour exam, assignments, practical reports and oral presentation (100%) and six 4 hour practicals.

The lectures cover the fundamental concepts and formalism of quantum dynamics, and the application to angular momentum and symmetry in quantum mechanics. In the practical laboratory classes, students will choose from a range of experiments that aim to give them an appreciation of the analytical, technical and practical skills required to conduct modern experimental work.

**Textbooks**

**PHYS3961**

**Quantum Mechanics & Special Project(Adv)**

*Credit points: 6 Session: Semester 2 Classes: Nineteen 1 hour lectures and four hours per week with a research group.*

**Corequisites:** PHYS3040 or PHYS3940 or PHYS3941

**Prohibitions:** PHYS3048, PHYS3948, PHYS3949, PHYS3951, PHYS3952, PHYS3953, PHYS3954, PHYS3955, PHYS3956, PHYS3957, PHYS3958, PHYS3959, PHYS3070

Assessment: One 1.5 hour exam, assignments, project report and oral presentation (100%)

*Note: Department permission required for enrolment. Note: Approval for this unit must be obtained from the School of Physics Senior Coordinator.*

The lectures cover the fundamental concepts and formalism of quantum dynamics, and the application to angular momentum and symmetry in quantum mechanics. The project is carried out in a research group within the School of Physics, working on a research experiment or theoretical project supervised by a researcher. The aim
is for students to acquire an understanding of the nature of research, to apply their knowledge of physics and scientific practice, and to serve as preparation for a research project at Honours level and beyond.

Textbooks

Semester 2 optional units

**PHYS3068**
Condensed Matter Physics/Optics/Lab
Credit points: 6  
Session: Semester 2  
Classes: Thirty-eight 1 hour lectures and six 4 hour practicals.  
Requirements: PHYS (2011 or 2911); PHYS (2012 or 2912); MATH (2061 or 2961 or 2067).  
Assessment: One 3 hour exam (100%).

The lectures on Optics introduce students to modern optics, using the laser to illustrate the applications in studying the properties of matter and many important optical phenomena. The lectures on Condensed Matter Physics cover the theoretical underpinning and properties of condensed matter, specifically the physics of solids. Semiconductors are investigated in detail, considering recent discoveries and new developments in nanotechnology and lattice dynamics. In the practical laboratory classes, students will choose from a range of experiments that aim to give them an appreciation of the analytical, technical and practical skills required to conduct modern experimental work.

**PHYS3963**
Cond Matter Phy/Nanoscience/Optics(Adv)
Credit points: 6  
Session: Semester 2  
Classes: Fifty-seven 1 hour lectures  
Requirements: Credit in PHYS (2011 or 2911) and Credit in PHYS (2012 or 2013)  
Prohibitions: PHYS (2013 or 2913)  
Assessment: One 3 hour exam (100%).

This unit covers the same topics as PHYS3063, but with greater depth and some more challenging material.

**PHYS3064**
Cond. Mater/Nanoscience/Astrophysics
Credit points: 6  
Session: Semester 2  
Classes: Fifty-seven 1 hour lectures  
Requirements: PHYS (2011 or 2011) and PHYS (2012 or 2012)  
Prohibitions: PHYS (2013 or 2913)  
Assessment: One 3 hour exam (100%).

The lectures on Condensed Matter Physics provide a basic introduction to condensed matter systems, specifically the physics that underlies the electromagnetic, thermal, and optical properties of solids. The course draws on basic quantum theory and statistical mechanics and considers recent discoveries and new developments in semiconductors, nanostructures, magnetism, and superconductivity. Nanoscience is the study of the behaviour of light and matter as they interact with structures that have features on nanometre scales. The lectures cover the fundamental physics of nanoscience and the methods used for manipulating matter and creating structures on these scales. The lectures on Optics introduce students to modern optics, using the laser to illustrate the applications in studying the properties of matter and many important optical phenomena. These include the Lorentz model as a model for the optical properties of matter, spontaneous and stimulated emission of light, rate equation analysis of lasers, diffraction, Gaussian beam propagation, anisotropic media and nonlinear optics.

**PHYS3065**
Condensed Matter/Optics/Astrophysics
Credit points: 6  
Session: Semester 2  
Classes: Fifty-seven 1 hour lectures  
Requirements: PHYS (2011 or 2011) and PHYS (2012 or 2012)  
Assessment: One 3 hour exam (100%).

This unit covers the same topics as PHYS3064, but with greater depth and some more challenging material.

**PHYS3063**
Cond. Matter Physics/Nanoscience/Optics
Credit points: 6  
Session: Semester 2  
Classes: Fifty-seven 1 hour lectures  
Requirements: PHYS (2011 or 2011) and PHYS (2012 or 2012)  
Prohibitions: PHYS (2013 or 2913)  
Assessment: One 3 hour exam (100%).

The lectures on Condensed Matter Physics provide a basic introduction to condensed matter systems, specifically the physics that underlies the electromagnetic, thermal, and optical properties of solids. The course draws on basic quantum theory and statistical mechanics and considers recent discoveries and new developments in semiconductors, nanostructures, magnetism, and superconductivity. Nanoscience is the study of the behaviour of light and matter as they interact with structures that have features on nanometre scales. The lectures cover the fundamental physics of nanoscience and the methods used for manipulating matter and creating structures on these scales. The lectures on Optics introduce students to modern optics, using the laser to illustrate the applications in studying the properties of matter and many important optical phenomena. These include the Lorentz model as a model for the optical properties of matter, spontaneous and stimulated emission of light, rate equation analysis of lasers, diffraction, Gaussian beam propagation, anisotropic media and nonlinear optics.
The lectures on Condensed Matter Physics provide a basic introduction to condensed matter systems, specifically the physics that underlies the electromagnetic, thermal, and optical properties of solids. The course draws on basic quantum theory and statistical mechanics and considers recent discoveries and new developments in semiconductors, nanostructures, magnetism, and superconductivity. The lectures on Optics introduce students to modern optics, using the laser to illustrate the applications in studying the properties of matter and many important optical phenomena. These include the Lorentz model as a model for the optical properties of matter, spontaneous and stimulated emission of light, rate equation analysis of lasers, diffraction, Gaussian beam propagation, anisotropic media and nonlinear optics. The lectures on Astrophysics explore astrophysical environments inside stars and beyond (e.g. the interstellar medium, the intergalactic medium and galaxies themselves) and focus on one of the most important physical processes in astrophysics: the transport of radiative energy.

**PHYS3965**

**Condensed Matter/Optics/Astrophys. (Adv)**

**Credit points:** 6

**Session:** Semester 2

**Classes:** Fifty-seven 1 hour lectures, one 3 hour practical and one 3 hour tutorial

**Prerequisites:** Credit in (PHYS2011 or PHYS2911) and Credit in (PHYS2012 or PHYS2912) and (MATHE2061 or MATHE2961 or MATH2067) and (PHYS2056 or PHYS2956 or PHYS3056 or PHYS3956), PHYS3055, PHYS3067, PHYS3068, PHYS3069, PHYS3070, PHYS3071, PHYS3072, PHYS3073, PHYS3074, PHYS3075, PHYS3076, PHYS3077, PHYS3078, PHYS3079, PHYS3080, PHYS3081, PHYS3082, PHYS3982

**Assessment:** One 3 hour exam (100%)

This unit covers the same topics as PHYS3065, but with greater depth and some more challenging material.

**PHYS3066**

**Optics/Astrophysics/Physics Lab (Adv)**

**Credit points:** 6

**Session:** Semester 2

**Classes:** Thirty-eight 1 hour lectures and six 4 hour practicals

**Prerequisites:** Credit in (PHYS2012 or PHYS2912) and (PHYS2056 or PHYS2956 or PHYS3056 or PHYS3956), PHYS3055, PHYS3067, PHYS3068, PHYS3069, PHYS3070, PHYS3071, PHYS3072, PHYS3073, PHYS3074, PHYS3075, PHYS3076, PHYS3077, PHYS3078, PHYS3079, PHYS3080, PHYS3081, PHYS3082, PHYS3982

**Assessment:** One 2 hour exam, practical reports (100%)

This unit covers the same topics as PHYS3066, but with greater depth and some more challenging material.

**PHYS3067**

**Cond.Matter Physics/Nanoscience/Lab**

**Credit points:** 6

**Session:** Semester 2

**Classes:** Thirty-eight 1 hour lectures and six 4 hour practicals

**Prerequisites:** Credit in (PHYS2012 or PHYS2912) and (PHYS2056 or PHYS2956 or PHYS3056 or PHYS3956), PHYS3055, PHYS3067, PHYS3068, PHYS3069, PHYS3070, PHYS3071, PHYS3072, PHYS3073, PHYS3074, PHYS3075, PHYS3076, PHYS3077, PHYS3078, PHYS3079, PHYS3080, PHYS3081, PHYS3082, PHYS3982

**Assessment:** One 2 hour exam, practical reports (100%)

This unit covers the same topics as PHYS3066, but with greater depth and some more challenging material.

Ask a question

**Physics**

The Department of Physiology provides introductory general Intermediate units of study and for those wishing to major in the subject, in-depth Senior units of study. For Senior units the February semester offers Neuroscience and Human Cellular Physiology, the July semester offers Heart and Circulation as well as further study in Neuroscience.

**PHSI2005**

**Integrated Physiology A**

**Credit points:** 6

**Teacher/Coordinator:** Dr Meloni Muir

**Session:** Semester 1

**Classes:** Five 1 hour lectures, one 3 hour practical and one 3 hour tutorial
This unit of study offers a basic introduction to the functions of the remaining body systems: gastrointestinal, respiratory, endocrine, reproductive and renal. The practical component involves experiments on humans and computer simulations, with an emphasis on hypothesis generation and data analysis. Inquiry-based learning tutorial sessions develop critical thinking and generic skills while demonstrating the integrative nature of physiology. Oral and written communication skills are emphasised, as well as group learning and team work.

Textbooks

PHSI2905
Integrated Physiology A (Advanced)
Credit points: 6
Teacher/Coordinator: Dr Atomu Sawatari
Session: Semester
Classes: Five 1-hour lectures, one 3-hour practical and one 3-hour tutorial per fortnight. Advanced students will be required to attend the designated Advanced Practical and Tutorial sessions. Students will also be exempt from all Inquiry-based learning tutorials.

Prerequisites:
6 credit points of Junior Chemistry plus 30 credit points from any Junior Chemistry, Physics, Mathematics, Biology, Psychology units of study. Approval of Coordinator

Assessment:
Written examinations and group oral presentations (100%)

Note: Department permission required for enrolment. Note: Permission from the coordinators is required for entry into this course. It is available only to selected students who have achieved a WAM of 75 (or higher) in their Junior units of study. Students taking combined degrees or with passes in units not listed should consult a coordinator if they do not meet the prerequisites.

This unit of study is an extension of PHSI2006 for talented students with an interest in Physiology and Physiological research. The lecture component of the course is run in conjunction with PHSI2006. This unit of study gives a basic introduction to the remaining body systems: gastrointestinal, respiratory, endocrine, reproductive and renal. The practical component involves simple experiments on humans, isolated tissues, and computer simulations, with an emphasis on hypothesis generation and data analysis. Both oral and written communication skills are emphasised, as well as group learning. The course will provide an opportunity for students to apply and extend their understanding of physiological concepts by designing and conducting actual experiments. Small class sizes will provide a chance for students to interact directly with faculty members mentoring the practical sessions. Assessment for this course will be based on oral group presentations and two practical reports. These items will replace some other assessment items from the regular course.

Textbooks

PHSI2906
Integrated Physiology B (Advanced)
Credit points: 6
Teacher/Coordinator: Dr Dario Protti
Session: Semester
Classes: Two 1 hour lectures per week; one 3-hour practical per fortnight. Advanced students will be required to attend the designated Advanced Practical and Tutorial sessions. Students will also be exempt from all Inquiry-based learning tutorials.

Prerequisites:
6 credit points of Junior Chemistry plus 30 credit points from any Junior Chemistry, Physics, Mathematics, Biology, Psychology units of study. Approval of Coordinator

Assessment:
Two 1 hour exams, one 3-hour practical per fortnight and one 3-hour tutorial per fortnight. Advanced students will be required to attend the designated Advanced Practical and Tutorial sessions. Students will also be exempt from all Inquiry-based learning tutorials.

Note: It is strongly recommended that students also take unit NEUR3003/3903 and NEUR3004/3904 to be taken together. For information on NEUR3002 and NEUR3004 refer to the entry under Anatomy in this chapter.

NEUR3001
Neuroscience: Special Senses
Credit points: 6
Teacher/Coordinator: Dr Dario Protti
Session: Semester
Classes: Two 1 hour lectures per week; one 3-hour practical per fortnight and one 3-hour tutorial per fortnight.

Prerequisites:
For BMEdSc students: BMEC2101 (or 2001) and BMEC2606 (or 2506). For other students: (PHSI2101 or 2001 or 2005 or 2009 or 2013 or ATAN2010) and 6 credit points of MBLG.

Prohibitions:
PHSI3001, NEUR3901

Assumed knowledge:
It is strongly recommended that students also take unit NEUR3002, PHSI2005 and ATAN2010 are assumed knowledge.

Assessment:
Two 1 hour exams, one prac (100%)

The aim of this course is to provide students with an introduction to the structure and function of the nervous system and to the main concepts of processing of sensory information. Understanding basic sensory transduction mechanisms and the function of the sensory systems is necessary to understand how perceptual processes work in normal and disease conditions and provides a gateway to unrelav
the complexity of the mind. Basic aspects of low and high level sensory processing in all sense modalities will be covered, with a special emphasis on the auditory and visual systems. The relationship between sensory systems, perception and higher cognitive functions will be addressed.

Textbooks

NEUR3001
Neuroscience: Special Senses (Advanced)
Credit points: 6 Teacher/Coordinator: Dr Dario Prelli Session: Semester 1 Classes: Two 1 hour lectures per week; one 3 hour practical per fortnight and one 3 hour tutorial per fortnight. Advanced students may be exempt from attending some of these classes to permit meetings with supervisor.
Prerequisites: For BMedSc students: Credit average in BMED(2901 or 2903) and BMED(2806 or 2505) For other students: Credit average in (PHSI(2101 or 2001 or 2905 or 2905) or ANAT(2003 or 2010)) and 6 credit points of MBLG. Prohibitions: NEUR3001, PHSI3001, PHSI3901 Assumed knowledge: PHSI2005 and ANAT2010 Assessment: Two 1 hour exams, one prac report, tutorial papers, one research or library essay (research essay will replace some other assessment items from regular course) (100%)
Note: Permission from the coordinators is required for entry into this course. It is strongly recommended that students also take unit NEUR3002 or NEUR3902.

This unit of study is an extension of NEUR3001 for talented students with an interest in Neuroscience and research in this field. The lecture/practical component of the course is run in conjunction with NEUR3001. The aim of this course is to provide students with an introduction to the structure and function of the nervous system and to the main concepts of processing of sensory information. Understanding basic sensory transduction mechanisms and the function of the sensory systems is necessary to understand how perceptual processes work in normal and disease conditions and provides a gateway to unravel the complexity of the mind. Basic aspects of low and high level sensory processing in all sense modalities will be covered, with a special emphasis in the auditory and visual systems. The relationship between sensory systems, perception and higher cognitive functions will be addressed.

Textbooks

NEUR3003
Cellular and Developmental Neuroscience
Credit points: 6 Teacher/Coordinator: Dr Kevin Keay, Dr Catherine Leamy Session: Semester 2 Classes: Three 1 hour lectures plus one 1 hour tutorial or one 2 hour practical per week. Prerequisites: For BMedSc: 42 credit points of intermediate BMEd units. For others: 18 credit points of Intermediate science units of study from Anatomy & Histology, Biochemistry, Biology, Chemistry, Computer Science, Mathematics, Microbiology, Molecular Biology and Genetics, Physiology, Psychology or Statistics Prohibitions: NEUR3903, PHSI3002, PHSI3902 Assumed knowledge: Students should be familiar with the material in Bear, Connors & Paradiso Neuroscience: Exploring the Brain. Assessment: One 1 hour exam. Major essay/report (100%)
Note: Enrolment in NEUR3003 is HIGHLY RECOMMENDED. Courses are designed to be taken in conjunction with each other. Students must receive permission from the coordinators for enrolment.

This unit encompasses the material taught in NEUR3003. Advanced students perform a research project and present a mini-lecture on a current topic in neuroscience.

Textbooks

For other NEUR units of study, see the entry for the Department of Anatomy and Histology.

PHSI3005
Human Cellular Physiology: Theory
Credit points: 6 Teacher/Coordinator: Dr William Phillips Session: Semester 1 Classes: Three 1-hour lectures and one 1-hour tutorial slot per week. Prerequisites: Except for BMedSc students: PHSI(2005 or 2905) and PHSI(2006 or 2906) For BMedSc: BMED (2801 and 2802). Prohibitions: PHSI3905, PHSI3004, PHSI3904 Assumed knowledge: 6 credit points of MBLG Assessment: One 2-hour exam and 3-5 quizzes (100%)
Note: It is highly recommended that this unit of study be taken in conjunction with PHSI3906.

The aim of this unit of study is to examine key cellular processes involved in the growth, maintenance and reproduction of human life. Processes to be studied include the regulation of cell division and differentiation in developing and adult tissues, the regulation of body fluids through ion transport across epithelia, and mechanisms of hormonal and nervous system signalling. Lectures will relate the molecular underpinnings to physiological functions: our current interpretation of how ion channels, hormone receptors and synaptic interactions mediate tissue function and human life. The significance of these molecular mechanisms will be highlighted by considering how mutations and other disorders affect key proteins and genes and how this might lead to disease states such as cancer, intestinal and lung transport disorders and osteoporosis.

Textbooks

PHSI3906
Human Cellular Physiology (Adv): Theory
Credit points: 6 Teacher/Coordinator: Dr William D. Phillips Session: Semester 1 Classes: Three 1-hour lectures and one 1-hour tutorial slot per week. Prerequisites: Credit average in PHSI(2005 or 2905) and PHSI(2006 or 2906) or in BMED (2001 and 2902); Students enrolling in this unit should have a WAM of at least 70. Prohibitions: PHSI3005, PHSI3004, PHSI3904 Assumed knowledge: 6 credit points of MBLG Assessment: One 2-hour exam, one 2000-word report and a report plan arising from a mentored research project (100%)
Note: Department permission required for enrolment. Note: It is highly recommended that this unit of study be taken in conjunction with PHSI3906.

The aim of this unit of study is to examine key cellular processes involved in the growth, maintenance and reproduction of human life. Processes to be studied include the regulation of cell division and differentiation in developing and adult tissues, the regulation of body fluids through ion transport across epithelia, mechanisms of hormonal and nervous system signalling and the regulation of muscle contraction. Lectures will relate the molecular underpinnings to physiological functions: our current interpretation of how ion channels, hormone receptors and synaptic interactions mediate tissue function
and human life. The significance of these molecular mechanisms will be highlighted by considering how mutations and other disorders affect key proteins and genes and how this might lead to disease states such as cancer, intestinal and lung transport disorders and osteoporosis. Please see the Physiology website for details of mentored Advanced research topics.

Textbooks

PHSI3006 Human Cellular Physiology: Research
Credit points: 6
Teacher/Coordinator: Dr William D. Phillips
Session: Semester 1
Classes: Two small group PBL and one 1-hour lecture per week; one 3-hour practical in some weeks.
Prerequisites: Except for BMEdSc students: PHSI(2005 or 2905) and PHSI(2006 or 2906) For BMEdSc: BMED (2801 and 2802).
Corequisites: PHSI3905, PHSI3906, PHSI3004, PHSI3904
Assessment: One 1.5-hour exam, PBL assessments by oral presentations and paper summaries, prac reports (100%)

This unit of study complements, and should be taken together with PHSI3005. PHSI3006 focuses deeply upon certain areas of cellular physiology that have particular relevance to human health and disease. In the problem-based learning (PBL) sessions groups of students work together with the support of a tutor to develop and communicate an understanding of mechanisms underlying the physiology and patho-physiology of disorders such as prostate cancer and neuromuscular disorders. Each problem runs over three weeks with two small group meetings per week. Reading lists are structured to help address written biomedical problems. Lectures provide advice on how to interpret scientific data of the type found in the research papers. Practical classes will emphasize experimental design and interpretation. Collectively, the PBL, lectures and practical classes aim to begin to develop skills and outlook needed to deal with newly emerging biomedical science.

Textbooks

PHSI3906 Human Cellular Physiology (Ad): Research
Credit points: 6
Teacher/Coordinator: Dr William D. Phillips
Session: Semester 1
Classes: Two small group PBL and one 1-hour lecture per week; one 3-hour practical in some weeks.
Prerequisites: PHSI (2005 or 2905) and PHSI(2006 or 2906) or in BMED (2801 and 2802). Students enrolling in this unit should have a WAM of at least 70.
Corequisites: PHSI3905, PHSI3906
Assessment: PHSI3906, PHSI3904
Assessment: One 1.5-hour exam, PBL assessments by oral presentations and paper summaries, 1500-word research report (100%)
Note: Department permission required for enrolment.

This unit of study complements, and should be taken together with PHSI3905. PHSI3906 focuses deeply upon certain areas of cellular physiology that have particular relevance to human health and disease. In the problem-based learning (PBL) sessions groups of students work together with the support of a tutor to develop and communicate an understanding of mechanisms underlying the physiology and patho-physiology of disorders such as prostate cancer and neuromuscular disorders. Each problem runs over three weeks with two small group meetings per week. Reading lists are structured to help address written biomedical problems. Lectures provide advice on how to interpret scientific data of the type found in the research papers. Practical classes will emphasize experimental design and interpretation. Collectively, the PBL, lectures and practical classes aim to begin to develop skills and outlook needed to deal with newly emerging biomedical science. Please see the Physiology website for details of mentored Advanced research topics.

Textbooks

PHSI3007 Heart and Circulation: Normal Function
Credit points: 6
Teacher/Coordinator: Dr Steve Assinder
Session: Semester 2
Classes: Two 1-hour lectures and two 1-hour practicals per week.
Prerequisites: PHSI(2005 or 2905) and PHSI(2006 or 2906) plus at least 12 credit points of Intermediate Science Units of Study For BMEdSc: BMED (2801 and 2803).
Prohibitions: PHSI3007, PHSI3903
Assumed knowledge: 6 credit points of MBLG
Assessment: One 2-hour exam, 3 practical assignments (100%)
Note: Department permission required for enrolment. Note: Available to selected students who have achieved an average of at least 75 in their prerequisite units of study. It is highly recommended that this unit of study be taken in combination with PHSI3908.

The aim of this unit of study is to examine in depth the structure and function of the cardiovascular system at the organ system, cellular and molecular levels. There is a particular focus on exercise physiology and the way in which the heart, circulation and skeletal muscles contribute to the limits of sporting achievement. The excitability, contractility and energetics of the heart and blood vessels are studied and the regulation of these organs by local (physical and chemical) factors, hormones and the nervous system are discussed, with emphasis on cellular and molecular mechanisms. At the systemic level, short term (neural) mechanisms controlling the blood pressure and how the system behaves during exercise and other stresses is dealt with. Long term (hormonal) mechanisms regulating blood pressure via the renal control of extracellular fluid volume is also discussed. There is an emphasis in this unit of study on recent advances in cellular and molecular aspects of heart and the blood vessels and the regulation of these organs by local (physical and chemical) factors, hormones and the autonomic nervous system. Lectures will be complemented by practical classes and tutorials that reinforce the theory and emphasize experimental design, data interpretation and presentation.

PHSI3008 Heart and Circulation: Dysfunction
Credit points: 6
Teacher/Coordinator: Dr Steve Assinder
Session: Semester 2
Classes: Two 1-hour lectures and two 1-hour PBL sessions per week.
Prerequisites: Except for BMEdSc students: PHSI(2005 or 2905) and PHSI(2006 or 2906) plus at least 12 credit points of Intermediate Science Units of Study For BMEdSc: BMED (2801 and 2803).
Prohibitions: PHSI3908, PHSI3003, PHSI3903
Assumed knowledge: 6 credit points of MBLG
Assessment: One 2-hour exam, PBL presentations, 2000-word essay based on a mentored research project, practical assignment (100%)
Note: Department permission required for enrolment.
This unit of study complements and should be taken together with PHSI3007, which deals with the normal function of the cardiovascular system. This unit of study focuses on cardiovascular disease which is a major cause of death in western society. Lectures provide the background to understanding (a) the disruption of normal physiological processes, (b) recent advances in cellular and molecular aspects, and (c) the physiological basis of modern approaches to treatment. Examples of diseases covered include: heart failure, heart attack, cardiac hypertrophy, atheroma and hypertension. In the seminar sessions, students will work in small groups with a tutor to further extend their understanding of cellular and molecular mechanisms underpinning cardiovascular disease. Reading lists are organised into specific topics related to a particular disease. Through analysis and discussion of the readings students develop skills necessary for interpreting and communicating science.

PHSI3008
Heart & Circulation: Dysfunction Adv
Credit points: 6
Teacher/Coordinator: Dr Steve Assinder
Session: Semester 2
Classes: Two 1 hour lecture and two 1 hour PBL sessions per week.
Prerequisites: Except for BMedSc students: PHSI(2005 or 2005) and PHSI(2006 or 2006) plus at least 12 credit points of Intermediate Science Units of Study For BMedSc: BMED (2801 and 2802). Prohibitions: PHSI3008, PHSI3006, PHSI3093
Assumed knowledge: 6 credit points of MLBG Assessment: One 2-hour exam, PBL presentations, written assignment on a selected topic (100%) Note: Department permission required for enrolment. Note: Available to selected students who have achieved an average of at least 75 in their prerequisite units of study. It is highly recommended that this unit of study be taken ONLY in combination with PHSI3097 or PHSI3007.

This unit of study complements and should be taken together with PHSI3007 which deals with the normal function of the cardiovascular system. This unit of study focuses on cardiovascular disease which is a major cause of death in western society. Lectures provide the background to understanding (a) the disruption of normal physiological processes, (b) recent advances in cellular and molecular aspects, and (c) the physiological basis of modern approaches to treatment. Examples of diseases covered include: heart failure, heart attack, cardiac hypertrophy, atheroma and hypertension. In the seminar sessions students will work in small groups with a tutor to further extend their understanding of cellular and molecular mechanisms underpinning cardiovascular disease. Reading lists are organised into specific topics related to a particular disease. Through analysis and discussion of the readings students develop skills necessary for interpreting and communicating science. Details of mentored Advanced research projects are available on the Physiology website.

Plant Science
The following units of study form part of the Plant Science program, which has been developed jointly by the Faculty of Agriculture, Food and Natural Resources and the School of Biological Sciences.

Intermediate units of study
PLNT2001
Plant Biochemistry and Molecular Biology
Credit points: 6
Teacher/Coordinator: Dr Meredith Wilkes Prof Les Copeland
Session: Semester 1 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week commencing week 2, 1x1-hr practical weekly
Prerequisites: 12 Junior credit points from Chemistry and Biology (or with the Dean's permission BIOL1201 and BIOL1202) Prohibitions: PLNT2301, AGCH2004 Assessment: 1x1hr exam (15%) and 1x1.5hr exam (45%) and lab reports (40%)

This unit of study is designed to develop an understanding of the molecular principles that underlie the structure and function of plants and how these principles relate to the use of plants by humans as a source of food and fibre.

This unit of study is designed to develop an understanding of the molecular principles that underlie the structure and function of plants and how these principles relate to the use of plants by humans as a source of food and fibre. The role of molecular biology in the manipulation of plant growth and development will also be explored.

At the completion of this unit students will be able to demonstrate theoretical knowledge of the biochemical structure and function of plants and how molecular biology can enhance our use of plants as food and fibres. Students will also be able to demonstrate abilities in the practice of laboratory methods used to analyse plants and the effective communication of experimental findings. Students enrolled in this unit will gain research and enquiry skills through attendance at lectures and participation in laboratory classes and tutorials, information literacy and communication skills through the synthesis of information used to prepare practical reports, social and professional understanding by participation in groupwork and assessments that seek to understand the role of agriculture in the broader community.

Textbooks
No recommended text. A study guide/laboratory manual will be available for purchase from the Copy Centre during the first week of semester. Lecture notes and readings will be available through WebCT.

PLNT2901
Plant Biochem & Molecular Biology (Adv)
Credit points: 6
Teacher/Coordinator: Dr Meredith Wilkes Prof Les Copeland
Session: Semester 1 Classes: 2x1-hr lectures/week, 1x1-hr tutorial/week commencing week 2, 1x1-hr practical weekly
Prerequisites: Distinction average in 12 Junior credit points from Chemistry and Biology (or with the Dean's permission BIOL1201 and BIOL1202) Prohibitions: PLNT2001, AGCH2004 Assessment: 1x1hr exam (15%) and 1x1.5hr exam (45%) and project report (40%)

This unit of study is designed to develop an understanding of the molecular principles that underlie the structure and function of plants and how these principles relate to the use of plants by humans as a source of food and fibre.

This unit of study is designed to develop an understanding of the molecular principles that underlie the structure and function of plants and how these principles relate to the use of plants by humans as a source of food and fibre. The role of molecular biology in the manipulation of plant growth and development will also be explored.

At the completion of this unit students will be able to demonstrate theoretical knowledge of the biochemical structure and function of plants and how molecular biology can enhance our use of plants as food and fibres. Students will also be able to demonstrate abilities in the practice of laboratory methods used to analyse plants and the effective communication of experimental findings by completing a short research project.

Students enrolled in this unit will gain research and enquiry skills through attendance at lectures and tutorials and by completing a small research project and information literacy and communication skills through the synthesis of information used to prepare a report on the findings of the research project.

Textbooks
No recommended text. A study guide/laboratory manual will be available for purchase from the Copy Centre during the first week of semester. Lecture notes and readings will be available through WebCT.

PLNT2902
Aust Flora: Ecology and Conservation
Credit points: 6
Teacher/Coordinator: Dr Glenda Wardle, Dr Murray Henwood.
Session: Semester 1 Classes: (2 hrs lec & 3 hrs prac)/wk, audiovisual.
Prerequisites: 6 credit points of a Junior unit of study Prohibitions: PLNT2902 Assessment: One 2-hr exam (40%), laboratory reports (20%) herbarium (20%), one 2-hr practical exam (20%).
This unit provides a broad understanding of the evolution, classification and diversity of terrestrial plants, and the principles of plant ecology in an Australian context. The major types of Australian vegetation are discussed across a range of temporal and spatial scales, and their current distribution in relation to their environment and origins. Selected contemporary issues in plant conservation from Australian natural and managed systems are explored. There is a strong emphasis on practical skills such as phytogenetic inference, plant identification and the collection and analysis of ecological data. The practical component of the unit of study uses examples taken from the Australian flora (including plants of horticultural significance) and major crop plants. Important elements of this unit are half-day field trips to the Royal National Park, to explore the construction of student herbaria. The practical sessions and interactions with staff encourage students to develop their own learning style and enhance a strong sense of self-reliance. Critical thinking, effective communication and other vocational and generic skills are emphasized. The content is well suited to students with interests in botany, plant science and ecology, and is often combined with units of study offered through the School of Biological Sciences and the Faculty of Agriculture, Food and Natural Resources. This unit of study also complements a wide range of units of study from: science (e.g. plant science, earth and environmental science, animal science, bioinformatics, molecular and cell biology, genetics and biotechnology); agriculture (e.g. horticulture, land and water science, and natural resources); and broader disciplines (e.g. education, arts, and environmental law).

**Textbooks**

A Laboratory Manual for the unit will be available for purchase from the Copy Centre during the first week of Semester.

**PLNT2902**


**Credit points:** 6

**Teacher/Coordinator:** Dr Glenda Wardle, Dr Murray Henwood

**Session:** Semester 1

**Classes:** 2x3hr labs; 2x6 hr field trips

**Prerequisites:** Distinct average in 6 credit points of Junior units of study

**Prohibitions:** PLNT2002

**Assumed knowledge:** The contents of BIOL (1002 or 1902) is assumed knowledge. Students wishing to enrol in Intermediate Biology (BIOL) and Plant Science (PLNT) units of study using BIOL (1003 or 1903) will need to do some preparatory reading

**Assessment:** One 2-hr exam (40%), laboratory reports (20%), research project (20%), one 2-hr practical exam (20%).

Qualified students will participate in alternative components of PLNT2002. The content and nature of these components may vary from year to year. See prerequisites for Senior units of study in Biology.

**Textbooks**

A Laboratory Manual for the unit will be available for purchase from the Copy Centre during the first week of Semester.

**PLNT2003**

**Plant Form and Function**

**Credit points:** 6

**Teacher/Coordinator:** A/Prof Robyn Overall, Dr Lindsay Campbell

**Session:** Semester 2

**Classes:** 24 lectures; 10 tutorials; 8 x 2 hr and 2x3hr labs; 2x6 hr field trips

**Prohibitions:** PLNT2903, BIOL2003, BIOL2903, CROP2001

**Assumed knowledge:** 12 credit points of Junior Biology, or equivalent eg BIOL (1001 or 1101 or 1901 or 1911) and BIOL (1002 or 1902 or 1003 or 1903)

**Assessment:** One 2hr theory exam (40%), prac exam (20%), anatomy project (10%), quizzes (5%), physiology report (10%), field report (15%).

This unit of study investigates the structure of cells, tissues and organs of flowering plants and relates them to function. Topics include: how photosynthesis, translocation, water transport and nutrition relate to the structures that carry out these processes. Most of the information on plant structure will be provided in self-instructional audio-visual sessions augmented by small group discussions. This is integrated with experiments carried out in the laboratory or on field excursions to investigate the physiological aspects of plant structures. There is a focus on recent advances in plant molecular biology where they have been critical in enhancing our understanding of the form and function of plants. The physiological and anatomical responses of plants to extreme environments such as drought and salinity will also be addressed. Attention will be paid to the anatomy and physiology of crop, horticultural and Australian native plants. This unit of study complements Plant Biochemistry and Molecular Biology, Australian Flora: ecology and conservation and Cell Biology and leads onto senior units of study in plant sciences, including Plant Growth and Development. It is essential for those seeking a career in plant molecular biology.

**Textbooks**


**Recommended reading:**


A Study Guide for the unit will be available for purchase from the Copy Centre during the first week of semester.

**PLNT2903**

**Plant Form and Function (Advanced)**

**Credit points:** 6

**Teacher/Coordinator:** A/Prof Robyn Overall, Dr Lindsay Campbell

**Session:** Semester 2

**Classes:** 24 lectures; 10 tutorials; 8 x 2 hr and 2x3hr labs; 2x6 hr field trips

**Prohibitions:** PLNT2903, BIOL2003, BIOL2903, CROP2001

**Assumed knowledge:** 12 credit points of Junior Biology, or equivalent eg BIOL (1001 or 1101 or 1901 or 1911) and BIOL (1002 or 1902 or 1003 or 1903)

**Assessment:** One 2hr theory exam (40%), prac exam (20%), research project oral and written presentation (25%), field report (15%).

The content will be based on PLNT2003 but qualified students will participate in alternative components at a more advanced level. The content and nature of these components may vary from year to year.

**Textbooks**


**Recommended reading:**


A Study Guide for the unit will be available for purchase from the Copy Centre during the first week of semester.

**Senior units of study**

**PLNT3001**

**Plant, Cell and Environment**

**Credit points:** 6

**Teacher/Coordinator:** Dr Charles Warren and Dr Brian Jones

**Session:** Semester 2

**Classes:** Workshops and discussions 2 hr/wk; laboratories: alternate weeks 30 hr total (6 prac; 5 hr each)

**Prerequisites:** 12 credit points of Intermediate Biology, Plant Science, Molecular Biology and Genetics or equivalent

**Prohibitions:** PLNT3901

**Assessment:** One 2hr exam (30%), 2 reports (30%), two essays (30%) one group presentation (10%).

This unit of study comprises lectures/workshops and practical sessions that will explore how plants and ecosystems function. Classes will examine the central role of plants in the function of terrestrial ecosystems (e.g. global and ecosystem cycles of carbon and nutrients). Plants shape how ecosystems function, and at the same time the environment affects how plants function. Hence, we will also examine the mechanisms plants employ to adapt and acclimate to their (often stressful) environment. Adaptation and acclimation of plants to their environment will be examined at molecular through to whole plant scales. You will need to draw on knowledge from intermediate units of study and explore the published literature to successfully integrate information from areas unfamiliar to yourself.

The purpose of this Unit of Study is to develop an understanding of current directions in Plant Science at an advanced level. When you have successfully completed this unit of study, you should be able to: be familiar with modern approaches of physiology, biophysics and molecular biology in the study of plant function; understand how domains of knowledge interact to describe plant function; understand how plants function in stressful environments; carryout a small research project; draft a manuscript for publication in a peer-reviewed journal.

**Textbooks**

Students will be drawing on the current research literature for content.

A Study Guide for the unit will be available for purchase during the first week of semester from the Copy Centre at a cost to be advised.

**PLNT3901**

**Plant, Cell and Environment (Advanced)**

**Credit points:** 6

**Teacher/Coordinator:** Dr Charles Warren and Dr Brian Jones

**Session:** Semester 2

**Classes:** Workshops and discussions 2 hr/wk;
This unit of study comprises lectures/workshops and practical sessions that will explore how plants and ecosystems function. Classes will examine the central role of plants in the function of terrestrial ecosystems (e.g. global and ecosystem cycles of carbon and nutrients). Plants shape how ecosystems function, and at the same time the environment affects how plants function. Hence, we will also examine the mechanisms plants employ to adapt and acclimate to their (often stressful) environment. Adaptation and acclimation of plants to their environment will be examined at molecular through to whole plant scales. You will need to draw on knowledge from intermediate units of study and explore the published literature to successfully integrate information from areas unfamiliar to yourself. The purpose of this Unit of Study is to develop an understanding of current directions in Plant Science at an advanced level. When you have successfully completed this unit of study, you should be able to:

- Be familiar with modern approaches of physiology, biophysics and molecular biology in the study of plant function; understand how domains of knowledge interact to describe plant function; understand how plants function in stressful environments; carry out a small research project; draft a manuscript for publication in a peer-reviewed journal.

Textbooks

Students will be drawing on the current research literature for content. A Study Guide for the unit will be available for purchase from the Copy Centre at a cost to be advised.

PLNT3002 Plant Growth and Development

Credit points: 6 Teacher/Coordinator: Dr Jan Marc (Executive Officer), Prof Robyn Overall, Prof David Guest, Dr Brian Jones Session: Semester 2 Classes: 2-3 lec per wk, one 4 hr practical (6 weeks only), one 3 hr presentation of research project in week 13 Prerequisites: 12 credit points of intermediate PLNT, BIOL, AGCH or CROP units of study including at least one of PLNT2001, PLNT2901, PLNT2903, PLNT2906, BIOL216, BIOL216, BIOL216, BIOL2303, BIOL2903, BIOL2906, CROP2001, AGCH2002 or equivalent. Prohibitions: PLNT3902, BIOL3021, BIOL3931 Assessment: One 2 hr exam (60%), project presentation and report (20%), laboratory quizzes, report and book (20%). Qualified students will participate in alternative components of PLNT3002 Plant Growth and Development, representing 30% of the total assessment, as follows: the students will be exempt from one standard laboratory report and the standard independent group project. Instead, the students will conduct an advanced independent individual practical or theoretical research project under the supervision of a member of the academic staff. The program includes a formal presentation of the results of the project in verbal and written reports.

PLNT3003 Systematics and Evolution of Plants

Credit points: 6 Teacher/Coordinator: A/Prof Murray Henwood Session: Semester 1 Classes: 2x1 hr lectures/week, 1x3 hr practical/week, 2-day field-trip during semester. Prerequisites: 6 credit points of any Intermediate unit of study from BIOL, PLNT, LWSC, HORT, GEOS, GEOG, ENVI, SOIL. Prohibitions: PLNT3903 Assessment: 1x2 hr take-home exam (45%), oral presentation (5%), nomenclature exercise (15%), research project (35%). This unit of study introduces students to the practical aspects of Plant Systematics and Evolution. Students will gain a working knowledge of the general techniques and approaches used in Plant Systematics (including an understanding of plant taxonomy, phylogenetics and evolutionary processes). A range of data sources (nucleotide sequences and morphology) will be used to address questions concerning the evolution, classification and historical biogeography of various plant groups. A two-day field trip will provide tuition in plant identification and an opportunity to acquire skills in field-botany. This unit of study is recommended for students with an interest in the areas of: botany, plant science, horticulture, fungal biology (including plant pathology), environmental science, bioinformatics and ecology. It is often combined with units of study offered through the School of Biological Sciences and the Faculty of Agriculture, Food and Natural Resources.

Textbooks


PLNT3003 Systematics and Evolution of Plants Adv

Credit points: 6 Teacher/Coordinator: A/Prof Murray Henwood Session: Semester 1 Classes: See PLNT3003 Prerequisites: Distinction average in 6 credit points of any Intermediate unit of study from BIOL, PLNT, LWSC, HORT, GEOS, GEOG, ENVI, SOIL. These requirements may be varied and students with lower averages should consult the Unit Executive Officer. Prohibitions: PLNT3003 Assessment: 1x2 hr take-home exam (45%), oral presentation (5%), nomenclature exercise (15%), research project (35%). Qualified students will participate in alternative components of PLNT3003 Systematics and Evolution of Plants. The content and nature of these components may vary from year to year.

Textbooks

Same as PLNT3003.
BIOL3009 
Terrestrial Field Ecology 
Credit points: 6 Teacher/Coordinator: Dr G Wardle Session: S2 Intensive Classes: Note: 1x6 day field trip held in the pre-semester break and 4x4 hr practical classes during weeks 1-4 in Semester 2. Prerequisites: 12 credit points of Intermediate Biology or ANSC2004 and BIOM2001. Prohibitions: BIOL3009 Assumed knowledge: BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. Assessment: Discussions and quiz (10%), research project proposal and brief presentation (10%), sampling project report (20%), specimen collection (10%), research project report (50%). Note: One 6 day field trip held in the pre-semester break (17 - 22 July 2011), and 4x4 hr practical classes during weeks 1-4 in Semester 2. 

This field course provides practical experience in terrestrial ecology suited to a broad range of careers in ecology, environmental consulting and wildlife management. Students learn a broad range of ecological sampling techniques and develop a detailed understanding of the logical requirements necessary for manipulative ecological field experiments. The field work incorporates survey techniques for plants, small mammals and invertebrates and thus provides a good background for ecological consulting work. Students attend a week-long field course and participate in a large-scale research project as well as conducting their own research project. Invited experts contribute to the lectures and discussions on issues relating to the ecology, conservation and management of Australia’s terrestrial flora and fauna.

BIOL3090 
Terrestrial Field Ecology (Advanced) 
Credit points: 6 Teacher/Coordinator: Dr G Wardle. Session: S2 Intensive Classes: See BIOL3009. Prerequisites: Distinction average in 12 credit points of Intermediate Biology or ANSC2004 and BIOM2001. Prohibitions: BIOL3009 Assumed knowledge: BIOL (3006 or 3906). Prior completion of one of these units is very strongly recommended. Assessment: Discussions and quiz (10%), research project proposal and brief presentation (10%), sampling project report (20%), sample and data processing (10%), research project report (50%). Note: One 6 day field trip held in the pre-semester break (17 - 22 July 2011) and 4x4 hr practical classes during weeks 1-4 in Semester 2. 

This unit has the same objectives as BIOL3009 Terrestrial Field Ecology, and is suitable for students who wish to pursue certain aspects in greater depth. Entry is restricted, and selection is made from applicants on the basis of previous performance. Students taking this unit of study will complete an individual research project on a topic negotiated with a member of staff. It is expected that much of the data collection will be completed during the field trip but some extra time may be needed during semester 2. Specific details of this unit of study and assessment will be announced in meetings with students at the beginning of the unit. This unit of study may be taken as part of the BSc (Advanced) program.

BIOL3017 
Fungi in the Environment 
Credit points: 6 Teacher/Coordinator: A/Prof P McGeer Session: S1 Intensive Classes: 40 hours of practicals in a two week intensive program held immediately prior to semester one (laboratory component each morning from 14-25 February 2011), plus the equivalent of 30 hours self-guided study during the semester. Prerequisites: 12 credit points of Intermediate Biology or Plant Science, or 6 credit points of Intermediate Biology, or Plant Science, and 6 Intermediate credit points of either Microbiology or Geography. Prohibitions: BIOL3017 Assessment: Selected from 1x2 hr take home exam, laboratory and written assignments (100%). Note: Dates: 14-25 February 2011. The completion of 6 credit points of MBLG units is highly recommended. 

The unit is designed to develop understanding of fungal biology in relation to environmental and rehabilitation biology, biological control of pests and pathogens, and soil microbiology. Emphasis will be placed on the function of fungi, and the benefit provided by fungi in symbiotic interactions with plants, including mycorrhizal fungi and shoot-borne endophytes. Physiological and ecological implications of the interactions will also be considered. Each student will design and implement a research project. Analytical thinking and research-led activity will be encouraged. Using broad scientific approaches, each student will gain the capacity to work cooperatively to find and analyse information from primary sources, develop approaches to test their understanding, and to present their work in a scientifically acceptable manner. Students will develop a deeper understanding of one area of fungal biology through independent study. Part of the learning material will be available on the internet.

BIOL3917 
Fungi in the Environment (Advanced) 
Credit points: 6 Teacher/Coordinator: A/Prof P McGeer Session: S1 Intensive Classes: See BIOL3017. Prerequisites: Distinction average in 12 credit points of Intermediate Biology and Plant Science, or 6 credit points of Intermediate Biology, or Plant Science, and 6 Intermediate credit points of either Microbiology or Geography. Prohibitions: BIOL3017 Assessment: Selected from 1x2 hr take home exam, laboratory and written assignments (100%). Note: The completion of 6 credit points of MBLG units is highly recommended. 

Qualified students will be encouraged to develop a research project under supervision. The content and nature of the research will be agreed on with the executive officer.

PPAT3003 
Plant Disease 
Credit points: 6 Teacher/Coordinator: Prof David Guest Session: Semester 1 Classes: (2 lec, 3hr prac)/wk Prerequisites: MICR2024 Assessment: One 2h end of semester exam (60%), one prac exam (25%), six take-home quizzes (15%). 

This unit introduces plant disease and the pathogens that limit agricultural and horticultural production. The unit is core to the BScAgr and BHortSc degrees and is available as an elective to BLWS and BSc students. It builds on the material introduced in MICR2024. The lecture component of the unit discusses the aetiology of plant disease and symptom development; diagnosis of plant disease; the biology, epidemiology and management of fungi and other microbes that cause plant disease; breeding for disease resistance; plant-parasite relationships; and disease resistance in plants. The practical component introduces techniques used in handling and identifying fungi and in studying plant disease, and develops skills in experimental design, execution and interpretation of experimental data. At the completion of this unit, students will be able to exercise problem-solving skills (developed through practical experiments and lecture discussions), think critically, and organise knowledge (from consideration of the lecture material and preparation of practical reports), expand from theoretical principles to practical explanations (through observing and reporting on practical work), use certain computer software for analysing data and reporting on laboratory projects. Students learn to work in a research team, plan effective work schedules (to meet deadlines for submission of assessable work), use statistical analysis in research, keep appropriate records of laboratory research, work safely in a research laboratory and operate a range of scientific equipment. Students will gain research and inquiry skills through research based group projects, information literacy and communication skills through assessment tasks and personal and intellectual autonomy through working in groups.

Textbooks 
Schumann GL & Darcy CJ 2006. Essential Plant Pathology. APS Press, St Paul, Minn., USA.

HORT3005 
Production Horticulture 
Credit points: 6 Teacher/Coordinator: Dr Jenny Jobling. Session: Semester 1 Classes: (2x3hr lec, 1x3hr prac/workshop)/wk Prerequisites: Two of PLNT2001, PLNT2901, PLNT2002, PLNT2902, PLNT2003, PLNT2903 Assumed knowledge: AFNR1001, AFNR1002 and HORT2002 Assessment: One 3 hr exam (50%), three assignments (45%). 

This unit of study covers topics on the production of perennial fruit crops, wine grapes, the sustainable production of vegetables and it also covers the key aspects of the postharvest handling and quality assurance of fresh produce. At the end of this unit students are expected to have a detailed understanding of these areas of horticulture and be able to discuss related literature and the physiological principles underlying the commercial success of these horticultural enterprises. Students will also gain research and enquiry skills through research based practical sessions and assignments.

Textbooks
Psychology is the study of behaviour and it is approached on a scientific basis, with provision for professional training at the postgraduate level. The research activities of the School cover almost all of the main branches of the discipline. Extensive information about the subject and the School is available on the School web-site: www.psych.usyd.edu.au. A major in Psychology that is accredited by the Australian Psychological Society and can lead to registration as a Psychologist in NSW (upon completion of further studies) can be gained through a number of degree programs: Bachelor of Science, Bachelor of Psychology, Bachelor of Arts, Bachelor of Arts (Psychology), Bachelor of Arts and Science, Bachelor of Liberal Studies and Bachelor of Economics (Social Science). A normal three year sequence required for a major in Psychology is: PSYC 1001, 1002, 2011, 2012, 2013, 2014, 3018 and at least three Senior units of study selected from PSY3010 (required for entry into Honours), 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3020 and HPSC3023. The Senior units must include at least one of PSYC 3011, 3012, 3013 and 3014. Mid-year entry is possible and involves modification of this sequence.

Enquiries

The main enquiry office of the School is Room 325, Level 3 Brennan MacCallum Building, A18. Staff members available to discuss particular courses may be contacted directly or through this office.

Examinations

Undergraduate units of study are examined at the end of each semester and include classwork by way of essays, reports or practical/laboratory work. At the beginning of each unit of study students are advised of the contributions of exam and classwork for assessment purposes.

Summer School: January-February

PSYC1001 and PSYC1002 are offered in the Sydney Summer School. Consult the Sydney Summer School website for more information: www.summer.usyd.edu.au.

PSYC1001

Psychology 1001

Credit points: 6
Session: Semester 1, Summer Main
Classes: Three 1 hour lectures and one 1 hour tutorial per week, plus 1 hour per week of additional web-based (self-paced) material related to the tutorial. Assessment: One 2.5hr exam, one 1000w essay, multiple tutorial tests, experimental participation (100%)  

Psychology 1001 is a general introduction to the main topics and methods of psychology, and is the basis for advanced work as well as being of use to those not proceeding with the subject. Psychology 1001 covers the following areas: science and statistics in psychology; behavioural neuroscience; applied psychology; social psychology; personality theory; human development. This unit is also offered in the Sydney Summer School. For more information consult the website:

http://sydney.edu.au/summer_school/  
Textbooks

PSYC1002

Psychology 1002

Credit points: 6
Session: Semester 2, Summer Main
Classes: Three 1 hour lectures and one 1 hour tutorial per week, plus 1 hour per week of additional web-based (self-paced) material related to the tutorial. Assessment: One 2.5 hour exam, one 1250 word research report, multiple tutorial tests, experimental participation (100%)  

Psychology 1002 is a further general introduction to the main topics and methods of psychology, and it is the basis for advanced work as well as being of use to those not proceeding with the subject. Psychology 1002 covers the following areas: human mental abilities; learning, motivation and emotion; visual perception; cognitive processes; abnormal psychology. This unit is also offered in the Sydney Summer School. For more information consult the web site:

http://sydney.edu.au/summer_school/  
Textbooks

Intermediate units of study

PSYC2011

Brain and Behaviour

Credit points: 6
Teacher/Coordinator: Dr Ian Johnston  
Session: Semester 1, Summer Main
Classes: Three 1 hour lectures and one 1 hour tutorial per week.  
Prerequisites: PSYC (1001 and 1002).  
Prohibitions: PSYC2111  
Assessment: One 2 hour exam, major assignment (1500-2000 word essay/report), minor assignment (short written practical exercise and/or tutorial quizzes (100%)  

This unit of study examines a range of phenomena and principles in learning and perception and their relations to underlying neural substrates. The emphasis in learning is on instrumental conditioning and the principle of reinforcement, ranging from applications of this principle to its neural substrates. Also covered are analyses of aversive-based learning, such as punishment and avoidance, and anxiety, together with related neurochemical mechanisms and the effects of various psychopharmacological agents on these processes. A number of perceptual phenomena will be studied (e.g., motion detection, recognition of faces, identification of emotion). A series of practical classes and demonstrations allow students to gain hands-on experience of how some of these principles and phenomena may be studied experimentally.

Textbooks
See school website

PSYC2012

Statistics & Research Methods for Psych

Credit points: 6
Teacher/Coordinator: Dr Margaret Charles  
Session: Semester 1, Summer Main
Classes: Two 1 hour lectures and one 1 hour tutorial per week, plus one 1 hour lecture and one 1 hour tutorial per fortnight.  
Prerequisites: PSYC (1001 and 1002).  
Prohibitions: PSYC2112  
Assumed knowledge: Recommended: HSC Mathematics, any level.  
Assessment: One 2 hour exam, class tests, online quizzes, one 1500 word group project, one 45 minute mid-semester exam (100%)  

The aim is to introduce students to fundamental concepts in statistics as applied to psychological research. These include summary descriptive statistics, an introduction to the principles and practice of research design, and the use of inferential statistics. Building upon this framework, the unit of study aims to develop each student’s expertise in understanding the rationale for, and application of, a variety of statistical tests to the sorts of data typically obtained in psychological research.

Textbooks
See school website

PSYC2013

Cognitive and Social Psychology

Credit points: 6
Teacher/Coordinator: Dr Karen Gonsalkorale  
Session: Semester 1, Summer Main
Classes: Three 1 hour lectures and one 1 hour tutorial per week.  
Prerequisites: PSYC (1001 and 1002).  
Prohibitions: PSYC2113  
Assessment: One 2 hour exam, major assignment (1500-2000 word essay/report), minor assignment (short written practical exercise and/or tutorial quizzes (100%)  

This unit expands the depth and range of topics introduced in the first year lectures on Cognitive Processes, Developmental Psychology and Social Psychology. The section on Cognitive Processes focuses
on current theories of memory, attention, problem solving and decision making and discusses the methods and issues involved in investigating these processes in both healthy individuals and people with cognitive dysfunctions. The section on Developmental Psychology discusses early social and cognitive development. The section on Social Psychology examines salient topics in social psychology, such as impression management.

Textbooks
Cognitive: See School website
Social: White; Hayes & Livesey (2010); Developmental Psychology from Infancy to Adulthood (2nd ed.); Pearson Education, Australia

PSYC2014 Personality and Intelligence 1
Credit points: 6 Teacher/Coordinator: Dr Niko Tilipoulos Session: Semester 2 Classes: Three 1 hour lectures and one 1 hour tutorial per week. Prerequisites: PSYC (1001 and 1002) Prohibitions: PSYC2114 Assessment: One 2 hour exam, major assignment (1500-2000 word essay/report), minor assignment (short written practical exercise and/or tutorial quizzes) (100%)

The main aim of this course is to introduce students to a number of influential theories in personality and intelligence. Students will be exposed to some conceptual analysis and will be expected to gain an understanding and be able to examine critically the various theories covered. Furthermore, students will be introduced to key topics in the somatic study and assessment of individual differences (Psychometrics) in personality and intelligence. The course will cover both conceptual (e.g. validity and reliability) and applied (e.g. Factor Analysis) elements of statistical psychometric inference.

Textbooks
See School website

Senior units of study

PSYC3010 Advanced Statistics for Psychology
Credit points: 6 Teacher/Coordinator: Dr Sabina Kleitman Session: Semester 2 Classes: Two 1 hour lectures and one 2 hour tutorial per week. Prerequisites: PSYC (2012 or 2112) plus at least one other Intermediate Psychology Unit of Study from PSYC (2011 or 2111), PSYC (2013 or 2012), PSYC (2014 or 2114); Prohibitions: PSYC3201 Assessment: One 2 hour exam, class tests, 1500 word assignment, practical exercises (100%)

This unit of study expands upon students' knowledge of the general linear model and its applications in the analysis of data from psychological research. The first half of the course is focused on research for which analysis of variance would be appropriate, and develops students' ability to test more focused questions than can be answered by omnibus F tests. Issues that arise in testing contrasts such as inflation of Type I error, will also be considered. In the second half of the course, students will further their understanding of multivariate techniques, such as multiple regression analysis.

Textbooks
See School website

PSYC3011 Learning and Behaviour
Credit points: 6 Teacher/Coordinator: Dr Justin Harris Session: Semester 1 Classes: Two 1 hour lectures and one 2 hour tutorial per week, Prerequisites: PSYC (2011 or 2111) and at least one other Intermediate Psychology Unit from PSYC (2012 or 2112), PSYC (2013 or 2113), PSYC (2014 or 2114); Prohibitions: PSYC3209 Assumed knowledge: PSYC (2012 or 2112) Assessment: One 2 hour exam, one 2000 word prac report, tutorial assessment (100%)

This unit addresses the fundamental concepts and more important research findings related to contemporary theories of associative learning in animals and humans. It examines the application of such fundamental research to issues such as drug use and food choice. It is designed to foster skills in reading primary sources in this area, and provide the opportunity for hands-on experience in carrying out a research project.

Textbooks
See School website

PSYC3012 Cognition, Language and Thought
Credit points: 6 Teacher/Coordinator: Dr Bruce Burns Session: Semester 1 Classes: Two 1 hour lectures and one 2 hour practical per week. Prerequisites: PSYC (2013 or 2113) and at least one other Intermediate Psychology unit from PSYC (2011 or 2111), PSYC (2012 or 2112), PSYC (2014 or 2114); Prohibitions: PSYC3205 Assumed knowledge: PSYC (2012 or 2112) Assessment: One 2 hour exam, 2000 word prac report, practical exercise(s) (100%)

This unit extends the theories and methods of investigating memory and attentional processes discussed in PSYC2013 to consider a number of domains of higher cognitive processing. One strand of the course will focus on the cognitive processes involved in speech perception, language comprehension, language production, and reading. The remainder of the course will deal with the cognitive processes involved in reasoning and skill acquisition. The practical programs will expose students to a variety of the research methods used to investigate higher cognitive processes, develop their understanding of how these methods can be used to investigate hypotheses about mental processes and consider applications of cognitive research to real-world problems and issues.

Textbooks
See School website

PSYC3013 Perceptual Systems
Credit points: 6 Teacher/Coordinator: to be announced Session: Semester 2 Classes: Two 1-hour lectures and one 2-hour tutorial per week. Prerequisites: PSYC (2011 or 2111) and at least one other Intermediate Psychology Unit from PSYC (2012 or 2112), PSYC (2013 or 2113), PSYC (2014 or 2114) or ANAT210 Prohibitions: PSYC3210 Assumed knowledge: PSYC2012 Assessment: One 2-hour exam, one 2500 word report, tutorial quiz, group presentation (100%)

Perception poses many challenges: how do we see colour and movement? How do we perceive surfaces and materials? How does combining information from multiple senses improve our perception? This unit draws on behavioural and neurophysiological perspectives to deepen understanding of current research topics in perception. The emphasis is on how visual information is processed to accomplish functions such as perceiving a single edge, extracting the contours that form a face, or the spatial relations needed to call offside on the sports field. Students also gain conceptual tools for evaluating the empirical and theoretical worth of recent research in perception. During the tutorial component of the course students will develop a practical experiment in which they formulate and test a hypothesis. In this way students gain important research experience that gives them valuable insight into the scientific process as it exists both in professional work and in the empirical research project required for the Honours degree.

Textbooks
See School website

PSYC3014 Behavioural and Cognitive Neuroscience
Credit points: 6 Teacher/Coordinator: Dr Karen Croot Session: Semester 2 Classes: Two 1 hour lectures and one 2 hour practical per week. Prerequisites: PSYC (2011 or 2111) and at least one other Intermediate Psychology Unit from PSYC (2012 or 2112), PSYC (2013 or 2113), PSYC (2014 or 2114) OR (ANAT2010 plus PCOL2011); Prohibitions: PSYC3204, PSYC3215 Assumed knowledge: PSYC (2113 or 2013) Assessment: One 2 hour exam, one major essay/report 2000-2500 words, tutorial quiz and participation (100%)

This unit of study will focus on approaches to studying neurosciences incorporating molecular, pre-clinical and clinical models of brain function. These biological models of brain function will be linked with behavioural, affective and cognitive function and dysfunction. The implications of focal cognitive deficits in neurological patients for models of normal cognitive function will also be explored. Specific topics to be covered will be selected from the following areas: sensorimotor integration, and the neural and molecular basis of learning and memory, attention, language, visual cognition and praxis. In addition to lectures, a practical component will cover basic neuroanatomy, histology and neuropathology, and will introduce
students to experimental and case-study approaches to studying neurosciences.

Textbooks
See School website

PSYC3015
Personality and Intelligence 2
Credit points: 6 Teacher/Coordinator: Dr Carolyn MacCann Session: Semester 1 Classes: Two 1 hour lectures and one 2 hour tutorial per week. Prerequisites: PSYC (2014 or 2114) and PSYC2011 or 2111 or 2012 or 2112 or 2013 or 2113. Assumed knowledge: PSYC (2012 or 2112); PSYC (2013 or 2113). Assessment: One 2 hour exam; one 2000 word report; tutorial quizzes (100%)

The aim of this unit of study is to provide an overview of the different areas of research and practice in personality, intelligence, and individual differences. Students will be exposed to a wide variety of different theoretical models of personality, intelligence, metacognition and emotional intelligence and encouraged to critically evaluate these theories based on the supporting research evidence. The methods of conducting and evaluating individual differences research will also be a focus of the course. Students will be encouraged to take multiple perspectives, evaluating theories of personality and intelligence in terms of their empirical and theoretical support as well as their potential applications.

Textbooks
See school website.

PSYC3016
Developmental Psychology
Credit points: 6 Teacher/Coordinator: Dr Pauline Howie Session: Semester 2 Classes: Two 1 hour lectures and one 2 hour tutorial per week. Prerequisites: PSYC (2013 or 2113) and at least one other Intermediate Psychology unit from PSYC (2011 or 2111), PSYC (2012 or 2112), PSYC (2014 or 2114). Prohibitions: PSYC3206 Assessment: One 2 hour exam, one 2000 word report (100%)

This unit examines various theoretical approaches to human development and selected issues within Developmental Psychology. The major issues/controversies in developmental theory are examined in relation to a number of the more influential theoretical approaches. Students are expected to gain an understanding of the main theoretical influences upon current developmental research and to be able to compare and contrast theories of development. The unit introduces students to a range of issues in selected areas of contemporary Developmental Psychology. Students are expected to gain knowledge of these areas, and to develop a critical approach to the analysis of current research and theoretical issues. They are also expected to apply their knowledge in practical exercises involving observations of children.

Textbooks

PSYC3017
Social Psychology
Credit points: 6 Teacher/Coordinator: Dr Lisa Zadro Session: Semester 1 Classes: Two 1 hour lectures and one 2 hour tutorial per week. Prerequisites: PSYC (2013 or 2113) and at least one other Intermediate Psychology Unit of Study from PSYC (2011 or 2111), PSYC (2012 or 2112), PSYC (2014 or 2114). Prohibitions: PSYC3212 Assumed knowledge: PSYC (2012 or 2112). Assessment: One 2 hour exam, one 2500 word research report, tutorial presentation and on-line quiz (100%)

This unit continues the coverage of topics in Social Psychology begun in PSYC1001 and PSYC2013. The unit is divided into topic areas, where the emphasis is on evaluating theories and the relevant evidence. Topics include antisocial behaviours, discrimination, stigma, the self, emotion, ostracism, and interpersonal attraction. Tutorials provide first-hand experience of research by involving students in a small group research project based on topics covered in the lectures. The tutorials also provide an opportunity to discuss issues pertaining to each step of the research process (e.g., ethical issues that underlie psychological research, proper practice when collecting and handling data, how to communicate research findings in written and verbal form).

Textbooks
See School website.

PSYC3018
Abnormal Psychology
Credit points: 6 Teacher/Coordinator: Dr Marianna Szabo Session: Semester 1 Classes: Two 1 hour lectures and one 2 hour tutorial per week. Prerequisites: At least two Intermediate Psychology units of study from PSYC (2011 or 2111), PSYC (2012 or 2112), PSYC (2013 or 2113) and PSYC (2014 or 2114). Prohibitions: PSYC3203 Assumed knowledge: PSYC (2012 or 2112) and PSYC (2014 or 2114). Assessment: One 2 hour exam, one 2000 word essay, quiz, tutorial presentation (100%)

This unit of study critically examines core issues in Abnormal Psychology, concerning the description, explanation and treatment of psychological disorders. The unit of study will include topics such as:

(a) Adult abnormal psychology: Anxiety disorders (specific phobias, panic disorder, generalised anxiety disorder, OCD); Addictive disorders (drug, alcohol, gambling); Eating disorders (anorexia nervosa, bulimia nervosa); Mood disorders (dysthymia, major depressive disorder, cyclothymia, bipolar disorder); Schizophrenia, Personality disorders.
(b) Child abnormal psychology: Attention Deficit Hyperactivity disorder; Conduct disorder; Anxiety disorders, Depression.

Textbooks
See School website.

PSYC3020
Applications of Psychological Science
Credit points: 6 Teacher/Coordinator: Dr Helen Paterson Session: Semester 2 Classes: Two 1 hour lectures and one 2 hour tutorial per week. Prerequisites: 12 credit points of junior psychology and 12 credit points in Intermediate Psychology. Prohibitions: PSYC3203 Assessment: One 2 hour examination, one 2500 word written assignment, class quizzes (100%)

The aim of this unit is to introduce students to various ways in which psychological theory and research can be applied in the real world. In particular, this unit will focus on Health Psychology, Forensic Psychology, and Organisational Psychology. The Health Psychology component of this course may include investigation into why we engage in risky health behaviours including smoking, overeating and alcohol use; inequalities in health including Aboriginal and Torres Strait Island health; dealing with chronic illness including death & dying, and survivorship. The Forensic Psychology component of the course may include investigation into lie detection, criminal offenders, victims of crime, and eyewitness memory. The Organisational Psychology component of the course may focus on personnel selection, training in organisations, performance measurement, workplace motivation, and leadership.

Textbooks

HPSC3023 Psychology & Psychiatry History & Phil
HPSC3023 Psychology & Psychiatry History & Phil can be counted towards a Psychology Major. Successful completion of this unit of study is essential for students intending to take the Theoretical Thesis option in Psychology Honours.

Virology
Details for Virology units can be found under the Microbiology entry.
Master of Teaching

Master of Teaching units of study

Master of Teaching

Candidates must complete 96 credit points of units of study comprising:

Primary Program - Year 1

In the first year, candidates must complete 48 credit points of units of study comprising: 20 credit points of Core Education units of study; and 28 credit points of Curriculum and Professional Studies units of study.

Core Education Units

EDMT5500

Introduction to Teaching and Learning

Credit points: 7
Teacher/Coordinator: Dr Tony Loughland
Session: Semester 1
Classes: 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk
Assessment: 1x 1500 wd essay (20%) and 1x 2500 wd essay (50%) and 1x presentation (30%)

This unit of study provides an introduction to the three message systems of education: curriculum, pedagogy and assessment. This unit provides the theoretical and contextual framework for the other units of study in this program by providing students with opportunities for critical reflection on the nature and purpose of schools, schooling and the educational process in general.

EDMT5501

Information Technology in Education

Credit points: 3
Teacher/Coordinator: Vilma Fyfe
Session: Semester 1
Classes: 2x 1-hr lecture/wk in weeks 1 and 2 and 1x 1.5-hr tutorial/wk for 10 weeks commencing week 3
Assessment: 1 x 4000 wd online review (20%) and 2 x practical tasks (2x40%)

Information Technology in Education (MITE) explores current practices of information and communication technologies (ICT). This unit of study will provide students with knowledge and skills needed for planning and managing successful learning and teaching through integration of information and communication technologies into curriculum areas. The emphasis will be on the innovative uses of ICT supporting teaching and learning processes. Through hands-on experiences, students will be provided with opportunities to learn basic operational and information technology skills, and learn how a number of ICT tools may be used for planning, assessing and reporting effective learning to foster interest, creativity and support student’s learning.

EDMT5502

Teachers & Learners: School Communities

Credit points: 6
Teacher/Coordinator: Nicole Brunker
Session: Semester 2
Classes: 2x 1.5-hr seminar/wk for 8 wks and 1x 2-hr lecture/wk for 4 wks and 1x 1-hr lecture/wk for 4 wks
Prerequisites: EDMT5500
Corequisites: EDMT5503
Assessment: 1x group presentation (40%) and 1 x 3000 wd portfolio (60%)

This unit explores the concept of school as community through two themes surrounding the first professional experience in schools. The first theme of ‘Leading a Learning Community’ will investigate the interrelationship between pedagogy and management in creating a school community. This will involve learning activities to support preparation for the first professional experience. The second theme ‘Enhancing Your Work in the Learning Community’ will draw upon the professional experience to develop reflective practice and investigate the relationship between students and teachers within a school community. Critical reflection will be a focus throughout the unit.

EDMT5503

Professional Experiences 1

Credit points: 4
Teacher/Coordinator: Dr Di Bloomfield
Session: Semester 1, Semester 2
Classes: block session (25 days)
Prerequisites: EDMT5500 AND one of: EDMT5602, EDMT5604, EDMT5605, EDMT5607, EDMT5608, EDMT5609, EDMT5610, EDMT5611, EDMT5613, EDMT5617, EDMT5619, EDMT5622, EDMT5623; OR EDMT5500 and EDMT5532 and EDMT5531
Assessment: 1 x 25 day professional experience (100%)

Note: Department permission required for enrolment in the following sessions:
Semester 1.

Students undertake their first Professional Experience of 25 days in a secondary or primary school (depending on the program they are enrolled in). During the practicum students are assigned to one or more Cooperating Teachers in a single discipline area (or in Primary) and will be responsible for teaching one or more classes for a total of between 10 and 14 lesson periods per week. The Cooperating Teachers will closely support their work in the school and in discussion with the Tertiary Mentor will be responsible for writing the report on the Professional Experience that will form the basis of the assessment in the enrolled unit of study. Assessment is aligned with the NSW Institute of Teachers Professional Teaching Standards for the Graduate Teacher.

Curriculum and Professional Studies

EDMT5531

English 1 K-6

Credit points: 4
Teacher/Coordinator: Ms Kathy Rushton
Session: Semester 1
Classes: 1x 1-hr lecture/wk for 5 weeks and 1x 2-hr workshop/wk for 13 weeks
Assessment: 1 x oral presentation 1000 wd (25%) and 1 x 3000 wd portfolio (75%)

In this unit of study you will investigate the development of language in young children. The nature of the interactions between children and those around them will be considered as will the variation in those interactions. The language bases in talking and listening will be investigated, leading to particular focus on a balanced approach to learning to read and write in the early years of schooling.

EDMT5532

Mathematics 1 K-6

Credit points: 4
Teacher/Coordinator: Assoc Prof Janette Bobis
Session: Semester 1
Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk in weeks 1-9 and 1x 2-hr school based project work/wk in weeks 10-14
Assessment: 1 x mini program 1500 wd (40%) and 1 x critical reflection of readings 1000 wd (20%) and 1 x report of assessment of child 1500 wd (40%)

The focus for this unit is the Number, Patterns and Algebra, Data and Working Mathematically strands of the NSW K-6 Mathematics Syllabus with particular emphasis on the first three years of school. It will explore how children’s mathematical thinking strategies develop via a research-based framework of number and will introduce the important connection between assessment and planning for instruction.

EDMT5533

Teaching in Multilingual Classrooms

Credit points: 2
Session: Semester 1
Classes: 1x 2-hr tutorial/wk for 6 weeks
Assessment: 1x design of interactive task to promote oral language development (50%) and 1x development of range of collaborative tasks to assist in reading development (50%)

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The goal of this course is to provide you with a foundation and a framework for the successful teaching of English as an additional language in the context of multilingual primary classrooms. The course will encourage you to make decisions about appropriate classroom strategies and methods across the curriculum give insight into current debates within the field; and suggest a direction for future thinking.

EDMT5534
Human Society and its Environs K-6
Credit points: 4
Teacher/Coordinator: Catherine Smythe
Session: Semester 1
Classes: 1x 1-hr lecture/wk and 1x 1-hr tutorial/wk
Assessment: 1x group plan and design of HSIE excursion and individual reflection (50%) and 1x individual research and elearnign task (30%) and 1x professional development workshop and reflection (20%)

Human Society and its Environment (HSIE) is a vital Key Learning Area in the primary curriculum. The knowledge and understandings, skills and strategies, values and attitudes inherent in HSIE K-6 provide opportunities for young children to learn about History, Environments, Cultures, Social Systems and Structures. You will have the opportunity to learn about the central concepts, modes of enquiry and structure of HSIE K-6 as well as look at best practice in terms of pedagogy, resources and assessment. This course provides an overview of the HSIE K-6 syllabus as well as NSW curriculum requirements for the subject. The course is strongly aligned with The Framework of Professional Teaching Standards.

EDMT5530
Creative Arts K-6
Credit points: 4
Teacher/Coordinator: Dr Robyn Gibson
Session: Semester 2
Classes: equivalent of 2-hrs/wk
Prerequisites: EDMT5500
Assessment: 1x visual process diary (35%) and 1x unit of work or rationale (65%)

The Education Act 1990 (NSW) sets out minimum curriculum requirements for primary schools. In particular, the Act states that "courses of study in both art and music are to be included in the key learning area of the Creative and Practical Arts." With the introduction of the Creative Arts K-6 Syllabus in 2000, this requirement has been broadened to include creative arts experiences in drama and dance which became mandatory in 2005. The unit of study, Creative Arts 1 provides students with an understanding of the importance of drama, music, visual arts and dance both as powerful learning and teaching strategies across the primary curriculum and as creative arts in their own right.

EDMT5535
Science and Technology K-6
Credit points: 4
Teacher/Coordinator: Dr Louise Sutherland
Session: Semester 2
Classes: 1x 1-hr lecture/wk for 7 weeks and 1x 2-hr workshop for 8 weeks
Prerequisites: EDMT5500
Assessment: 1x examination of existing unit (20%) and 1x lesson plan (30%) and 1x revision and development of a unit of work (50%)

Through an examination of the two main learning processes Investigating Scientifically, and Design and Make this unit considers issues, strategies and resources relevant to the teaching of Science and Technology in the K-6 curriculum. The unit will consider aspects of: 1) lesson planning in science and technology, 2) the selection/development of learning experiences and resources which promote children's acquisition of the learning processes in science and technology, 3) planning units of work to support children's development of scientific concepts, 4) supporting the development of children’s scientific literacy and numeracy, 5) organising and managing classrooms to promote students' learning in science and technology.

EDMT5536
Personal Development, Health & PE K-6
Credit points: 4
Teacher/Coordinator: Dr Louisa Peralta, Ms Debi Mays
Session: Semester 2
Classes: 1x 2-hr workshop/wks for 8 weeks in weeks 1-4 and weeks 10-13
Prerequisites: EDMT5500
Assessment: 1x presentation of PE activity (30%) and 1x PDHPE unit plan and lesson plans (70%)

In this unit you will be introduced to the Key Learning Area (KLA) Personal Development, Health and Physical Education (PDHPE). The unit will develop students' understanding of what it is to be a teacher within a specific PDHPE context. To do this, the unit will examine the current NSW Board of Studies requirements regarding K-6 PDHPE and will focus on the primary school learning and teaching environment. Through an examination of the K-6 syllabus, modules and support documents students will develop the necessary skills to design and implement lesson plans for selected content strands. To help guide this process, students will be expected to reflect on the teaching practicum (embedded in the middle of this unit). During these in-school Professional Experience components, students will have the opportunity not only to observe PDHPE teaching contexts but also to implement teaching activities. As well as providing students with the opportunity to begin to develop their planning and teaching skills in PDHPE, this unit of study also allows students to practice creating learning links between strands in the PDHPE, other KLA’s and the Health Promoting School Framework. The notion of the Health Promoting School will be addressed in relation to the need for whole school planning and the place of PDHPE lessons in the school’s curriculum and life.

EDMT5537
Special Interest Unit 1
Credit points: 2
Teacher/Coordinator: Dr Tony Loughland
Session: Semester 1
Classes: 3-hrs/wk for 4 wks or 2-hrs/wk for 6 wks or equivalent
Prerequisites: EDMT5500
Assessment: 1x examination task (100%)
Note: Department permission required for enrolment in the following sessions: Semester 1.

There will be five special interest options offered each semester this is scheduled. In 2010 these were Digital Media, Koori Kids in the Classroom, Science and Technology with Toys, Introduction to Community Development and Beyond the Line community visit.

Primary Program - Year 2
FOR CONTINUING BTEACH/MTEACH STUDENTS ONLY (XH028)
In the second year, candidates must complete 24 credit points of units of study comprising: 12 credit points of Core Education units of study; and- 12 credit points of Curriculum and Professional Studies units of study.

Core Education Units
EDBT5600
Schools and their Communities
Credit points: 5
Teacher/Coordinator: Dr Helen Proctor
Session: Semester 1
Classes: 1x 1-hr lecture/wk for 9 wks and 1x 2-hr seminar/wk for 9 wks and 1x 3-hr student organised field trip
Prerequisites: EDBT5503 and EDBT5505 and EDBT5502 and one of: EDBT5652, EDBT5654, EDBT5655, EDBT5656, EDBT5657, EDBT5658, EDBT5659, EDBT5660, EDBT5661, EDBT5663, EDBT5665, EDBT5666, EDBT5667, EDBT5669, EDBT5670, EDBT5672, EDBT5673 OR EDBT5653 and EDBT5500 and EDBT5502 and EDBT5535 and EDBT5536
Assessment: 1 x 1000 wd report (25%) and 1 x 2500 wd report (50%) and 1 x seminar presentation (25%)

This unit investigates the complex and changing nature of school communities. It critically examines the social contexts of schooling and the complex relationships between families and schools and encourages pre-service teachers to consider themselves as part of a professional community. Weekly lectures and seminars address key topics related to the social and community contexts of schooling, the development of professional portfolios and the principles of Action Research. The seminars are organised around discussions and activities, grounded in the required readings and in keeping up to date with current debates about education. The student-organised field trip is designed to encourage students to spend at least three hours exploring an educational community.

EDBT6125
Special Education: Inclusive Schools
Credit points: 3
Teacher/Coordinator: Dr Ilektra Spandagou
Session: Semester 1
Classes: 1x 1-hr lecture/wk for 6 weeks and 1x 1-hr tutorial/wk for 6 weeks and 15 hrs fieldwork placement
Prerequisites: EDBT5500 and EDBT5502 and EDBT5503
Assessment: 1x fieldwork report 1250 wds (40%) and 1x inclusion statement 350 wds (20%) and 1x tutorial presentation equiv 500 wds (20%) and 1x behaviour management statement 400 wds (20%)
This unit addresses mandatory requirements to be met by every graduate pre-service teacher. Issues relating to the education of students with a disability will be addressed through working with a student/s with a disability, conducting tutorials that highlight evidence-based practices for working with students with special education needs, and engaging in lectures and tutorials that promote attitudes, knowledge and beliefs that students with disabilities will access and participate in quality education programs.

**EDBT6501 Professional Experiences 2**

**Credit points:** 4  
**Teacher/Coordinator:** Dr Di Bloomfield  
**Session:** Semester 1, Semester 2  
**Classes:** block mode (20 days)  
**Prerequisites:** EDBT5503 and EDBT5500 and EDBT5502 and one of: EDBT5602, EDBT5654, EDBT5655, EDBT5656, EDBT5657, EDBT5658, EDBT5659, EDBT5660, EDBT5661, EDBT5663, EDBT5665, EDBT5667, EDBT5669, EDBT5670, EDBT5672, EDBT5673 OR EDBT5503 and EDBT5500 and EDBT5502 and EDBT5535 and EDBT5536  
**Assessment:** 1 x 20 days professional experience (100%)  
**Note:** Department permission required for enrolment in the following sessions: Semester 2.

Students undertake their second Professional Experience of 20 days in a secondary or primary school in a second year of the program. During the practicum students are assigned to one or more Cooperating Teachers in a single discipline area and will be responsible for teaching one or more classes for a total of between 12 and 16 lesson periods per week. The Cooperating Teachers will closely support their work in the school and in discussion with the Tertiary Mentor will be responsible for writing the report on the Professional Experience that will form the basis of the assessment in the enrolled unit of study. Assessment is aligned with the NSW Institute of Teachers Professional Teaching Standards for the Graduate Teacher.

**Curriculum and Professional Studies Units**

**EDBT6531**

**English 2 K-6**

**Credit points:** 4  
**Teacher/Coordinator:** Dr Alyson Simpson  
**Session:** Semester 1, Semester 2  
**Classes:** 1 x 1 hr lecture/wk in weeks 1,3,5,12,13,14 and 1 x 2 hr tutorial/wk in weeks 2,4,5,6,7,12,13,14 and 1 x 1 hr tutorial/wk in weeks 1 and 3  
**Prerequisites:** EDBT5531  
**Assessment:** 1 x 1250 wd literature circle (30%) and 1 x 2500 wd unit of work (60%) and 1 quiz (10%)  

In this unit of study students will focus on the use of literary and multimedia texts, including picture books and novels for developing critical literacies in children working at Stage three in primary school. The emphasis will be on developing learning experiences that will encourage students to read for enjoyment at the same time as developing their abilities to negotiate and discuss meanings (both verbal and visual) in a range of texts. Emphasis will be on making connections between prior learning to current syllabus demands and the texts and learners found in classrooms today. It is expected that students will continue to expand their theoretical knowledge of principles of English teaching as well as develop explicit knowledge of metalanguage to inform their understandings of text construction. Students will be asked to reflect on key readings to challenge, to make links to their own experiences and to question past research and current practice.

**EDBT6532**

**Mathematics 2 K-6**

**Credit points:** 4  
**Teacher/Coordinator:** Dr Jennifer Way  
**Session:** Semester 1, Semester 2  
**Classes:** 1 x 1 hr lecture/wk and 1 x 2 hr tutorial/wk  
**Prerequisites:** EDBT5532  
**Assessment:** 1 x 1500 wd report and teaching resource (50%) and 1 x 1500 wd article (50%)  

Mathematics Education 2 will draw on the content from 5 different strands in the NSW syllabus. It will focus on the development of concepts and processes from the Data strand, Space and Geometry strand and Measurement strand. It will explore children’s understanding of chance and data handling and investigate ways in which concepts from other strands of the syllabus can be taught in an integrated manner. It will also build on content and processes established in Mathematics Education 1 by focusing on Stage 2 and 3 Number.
by each pass-level candidate during the internship and participation in a professional conference following the internship.

Early Childhood Program - Year 1

In the first year, candidates must complete 48 credit points of units of study comprising:

EDMT5626
Teaching & Learning in Early Childhood 1
Credit points: 8
Teacher/Coordinator: Dr Jean Ashton
Session: Semester 1
Classes: 1 x 1 hr lecture/wk and 1 x 2 hr tutorial/wk for 12 wks and 3 x 1 day observation visits wks 3-5. Assessment: 2x 2000 wd essays (2x25%) and 1x 3000 wd essay (35%) and 1x 1000 wd portfolio (15%)

This unit of study provides an introduction to issues concerning learning, teaching, the curriculum and the social and institutional context of education. It examines child development, learning in early childhood settings and teaching as a profession. A set of case studies provides a range of contexts to assist students to link the themes and develop a greater understanding of the complex nature of teachers' work. An introduction to major curriculum areas in early childhood education and care is also provided.

EDMT5550
Language Arts in Early Childhood
Credit points: 4
Teacher/Coordinator: Dr Jean Ashton
Session: Semester 1
Classes: 1 x 2 hrs/wk and 2 x 1-day observation days. Assessment: 1 x 10 min seminar presentation and 1 x 1500 wd report (30%) and 1 x 1000 wd video observation recording (20%) and 1 x 1500 wd portfolio (50%)

This unit of study assists students to develop knowledge and skills in the language arts at the early childhood level. It assists students to gain and understanding of different theories about how young children develop language. It helps students to develop skills and knowledge about how to help young children begin to make meaning from the moment they are born through the preschool years in terms of how they learn to talk, listen and interact with those around them. There is a strong emphasis on play as a vehicle for language learning and family involvement in an inclusive and supportive learning environment for young children.

EDMT5551
Mathematics in Early Childhood
Credit points: 4
Teacher/Coordinator: Dr Jennifer Way
Session: Semester 1
Classes: 1 x 2 hrs/wk Assessments: 1 x 1500 wd critical analysis (40%) and 1 x 1500 wd analysis for teaching resource (40%) and 1 x 10 min in class presentation and 250 wd handout (20%)

This unit of study assists students to develop knowledge, skills and understanding of the development of children's constructions of mathematical concepts and processes at the early childhood level. It provides students with the ability to help young children gain a beginning understanding and knowledge of mathematics and a beginning awareness of the ever-changing technological environment in which we live. Students will explore the issues of assessing children's learning needs and identifying children at risk of underachieving in mathematical understanding and skill. Students will be required to plan developmentally appropriate learning experiences that effectively employ a range of pedagogies and resources (including digital technologies) to enhance children's mathematical thinking and communication.

EDMT5561
Early Childhood Settings & Communities
Credit points: 4
Session: Semester 1
Classes: 1 x 2-hr tutorial/wk Assessments: 1 x analysis and review 2000 wds (50%) and 1x powerpoint presentation and report 2000 wds (50%)

This unit of study helps students become familiar with the range of early childhood settings available for children from birth to five years, and their families within the community. Students will be required to become familiar with the regulations governing early childhood services and licensing conditions, and their responsibilities in relation to these. Students will also examine the literature relating to quality care and education in early childhood services and review a number of Federal and State based policies.

EDMT5560
Early Childhood Protective Environments
Credit points: 4
Teacher/Coordinator: Ms Cathy Little
Session: Semester 1
Classes: 1 x 2 hrs x 12 wks Assessment: 1 x 1000 wd personal statement (20%) and 1 x 1500 wd behaviour support plan (40%) and 1 x 1500 wd essay (40%)

Children in contemporary society are viewed as capable and resourceful, confident and actively constructing the world around them. This unit of study helps students understand how they can guide children’s responses, encourage self discipline and positive interactions with other children and adults in early childhood environments. In the context of this unit, students will also undertake Child Protection training in accordance with the legislative requirements of the Children Care and Protection Act of NSW Department of Community Services.

EDMT5123
Teaching & Learning in Early Childhood 2
Credit points: 4
Teacher/Coordinator: Cathy Little
Session: Semester 2
Classes: 1 x 2 hr lecture/wk for 8 wks and 1 x 1 hr tutorial/wk for 8 wks
Prerequisites: EDMT5626 Assessment: 1x 20min seminar presentation (20%) and 1 x 200wd report (50%) and 1 x 1250wd case study (30%)

This unit of study introduces students to contemporary understandings of human development across the life-span with particular emphasis on infants, toddlers, young children and youth. Studies of human development give students a clear foundation on which to build understanding of children's development in the years prior to school. The unit concentrates upon the phases of human development with across all developmental domains.

EDMT5555
Creative Arts in Early Childhood
Credit points: 4
Teacher/Coordinator: Ms Lea Mai
Session: Semester 2
Classes: 1 x 2 hrs/wk in wks 1-4 and 10-13
Prerequisites: EDMT5626 Assessment: 1 x group presentation and 750 wd handout (20%) and 1 x 1500 wd portfolio (40%) and 1 x 1250 wd essay (30%) and in-class participation (10%)

This unit of study assists students to explore their own creativity and imagination alongside developing knowledge and skills in the Creative Arts at the early childhood level. There is a strong emphasis on play and exploring the imagination through music, visual arts, drama and dance. Observing and assessing young children's spontaneous play through immersion in the Creative Arts is an important feature of this unit. The unit also emphasises the centrality of providing rich Creative Arts experiences in early childhood settings.

EDMT5556
Health and Wellness in Early Childhood
Credit points: 4
Teacher/Coordinator: Prof Alison Elliott
Session: Semester 2
Classes: 1 x 2 hrs/wk in wks 1-4 and 10-13
Prerequisites: EDMT5626 Assessment: 1 x 1000 wd critical reflection (25%) and 1 x 30 min tutorial presentation (25%) and 1 x 2000 wd policy development (50%)

This unit of study assists students to develop knowledge and skills in the teaching of health, safety, nutrition, and wellness at the early childhood level. It provides students with the ability to help young children gain a beginning understanding of the world around them in a way that makes sense to them, a beginning understanding of health, safety, nutrition, and wellness behaviours and habits that will help sustain them for a lifetime. Play and family involvement are emphasised in assisting this process. This unit also provides students with the ability to plan and operate healthy and safe early childhood learning and care environments.

EDMT5557
Early Childhood Prof Experience 1
Credit points: 4
Teacher/Coordinator: Ms Cathy Little
Session: Semester 2
Classes: 25 days practicum plus 3 x 1 day pre-practical visits and 4 x 2 hr workshops wks 2-4.10.
Prerequisites: EDMT5626 and EDMT5560 Assessment: 1 x 2000 wd portfolio (50%), 1 x 1000 wd reflective journal (50%) and 25 days practicum
This unit is the first of two that provide opportunities for students to gain teaching experience in early childhood education and care settings. It will enable students to apply the theories and strategies covered in other units of study including Teaching and Learning 1 and 2. Initially this experience will consist of observation of practices and routines of the setting, some lesson undertaking with individuals and small groups, and progress to lesson undertaking with larger or whole groups in a 3-5 year setting. As part of the process, students will plan and implement strategies and activities relevant to the age, stage, and needs of young children.

EDMT5558
Science in Early Childhood
Credit points: 4 Teacher/Coordinator: Ms Christine Preston Session: Semester 2 Classes: 1x 2-hr workshopwk for 8 weeks in weeks 1-4, 10-13 Prerequisites: EDMT5626 Assessment: 1x 1000 wd play-based science experience (25%), 1x 2000 wd portfolio (50%) and 1 x 1000 wd essay (25%)

This unit assists students to develop knowledge and skills in the teaching of science at the early childhood level. It provides students with the ability to help young children gain a beginning understanding of the world around them, a beginning understanding of the physical and biological aspects of the world and the universe, and a beginning awareness of the ever-changing technological environment in which we live. An emphasis is upon play as a vehicle for learning and family involvement in an inclusive and supportive learning environment for young children.

EDMT5559
Diversity & Inclusion in Early Childhood
Credit points: 2 Teacher/Coordinator: Dr Ikletra Spandagou Session: Semester 2 Classes: 1x 2 hrs/wk in wks 1-4 and wks 10-13 and 1x 6 hrs observation visit Prerequisites: EDMT5626 Assessment: 1x 500 wd personal statement (15%) and 1x1500 wd critical review (35%) and 1 x 2000 wd situational analysis (50%)

This unit explores diversity and inclusion in early childhood settings. Class, ethnicity, culture, disability, gender, religion, and other social categories have an impact upon children's development. For the creation of inclusive classrooms, early childhood educators must have an understanding of the significance of the personal and social attributes that children bring to the setting. The establishment of positive engagement with children and families is essential in creating an inclusive environment and curriculum. This unit will explore current theories and practices surrounding diversity, social education and inclusion in the early childhood context. Throughout this unit of study students will be encouraged to examine their own beliefs and values in the consideration of the issues above, as well as others.

EDMT5124
Special Interest Early Childhood 1
Credit points: 2 Teacher/Coordinator: Cathy Little Session: Semester 2 Classes: 1x 2hr seminar/wk for 8 wks Corequisites: EDMT5557 Assessment: 1x 2000wd literature review (100%)

Early childhood professionals act in various capacities in a range of settings. They have an obligation to promote and support respectful relationships with children, families, other staff and a range of service and community professionals. This unit allows students an opportunity to explore and further develop their understanding of an area of professional interest through a review of literature. Students will be allocated a 'professional friend', familiar with the industry, to support them through the writing process.

Early Childhood Program - Year 2
In the second year, candidates must complete 24 credit points of Curriculum and Professional studies units of study comprising:

EDBT5552
Sociocultural Learning -Early Childhood
Credit points: 4 Session: Semester 1 Classes: 1x 2-hr seminar/wk Assessment: Critical reflection on a reading task (25%) and 1x tutorial task (25%) and 1x social and cultural understandings activities portfolio (50%)

This unit of study fosters students' development of the knowledge and skills about the provision of a teaching and learning environment which promotes positive social interactions, a respect for social justice and reflects the diversity of the participants within early childhood settings and the broader community. The unit equips students with the ability to guide young children's understanding and appreciation of the socially and culturally diverse world around them in developmentally appropriate ways, to help them understand their membership, role and value as a member of a family, community, nation and world.

EDBT6502
Early Intervention in Early Childhood
Credit points: 4 Teacher/Coordinator: Ms Cathy Little Session: Semester 1 Classes: 1x 2-hr seminar/wk for 9 wks in wks 1-7 and wks 12-13 and 6 hrs field placement Prerequisites: EDMT5626 and EDBT5676 and EDBT5559 and EDBT5560 Assessment: 1 x 20 min in-class presentation (20%) and 1 x 2000 wd critique (50%) and 1 x 1300 wd situational analysis (30%)

The focus of the unit is on the principles of inclusion, constructed views of normality, individual differences, identification and assessment of babies' and young children's development, and support for children and families. Transitions across multiple contexts over the time young children are in early childhood services will also be addressed. The unit looks at children in the contexts of their families, and offers ways to empower and support families as they make decisions about their children's development and education. Includes six hours field placement in an early intervention setting.

EDBT6503
Curriculum Development and Models in EC
Credit points: 4 Teacher/Coordinator: Dr Jean Ashton Session: Semester 1 Classes: 1x 2-hr seminar/wk for 9 wks in wks 1-7 and 12-13 Prerequisites: EDMT5626 and EDBT5676 and EDBT5559 and EDBT5557 and EDBT5561 Corequisites: EDBT6501 and EDBT6502 Assessment: 1 x oral presentation 500 wds (15%) and 1 x critical analysis 1500 wds (35%) and 1 x essay 2000 wds (50%)

This unit will provide students with opportunities to investigate a variety of planning processes required in order to effectively document children's learning, understand the phases of effective planning in high quality EC settings, and critically examine the current research, as well as community and early childhood attitudes towards practices concerning early childhood curriculum.

EDBT6504
Administration in Early Childhood
Credit points: 4 Teacher/Coordinator: Ms Cathy Little Session: Semester 1 Classes: 1x 2-hr seminar/wk for 9 wks in wks 1-7 and 12-13 Prerequisites: EDMT5626 and EDBT5676 and EDBT5556 and EDBT5557 and one of either EDBT5554 or EDBT5560 Assessment: 1 x policy development and analysis 2000 wds (45%) and 1 x essay 1500 wds (35%) and 1 x 15 min in-class presentation (20%)

This unit outlines the management and leadership issues involved in organising and sustaining early childhood services, the social and political context within which services are operating as well as the legal and other responsibility of centre based supervisors. Early Childhood educators must be competent leaders and advocates for change in the early childhood field and must be able to encourage team building, enthusiasm, good communication skills and harmonious work environments in addition to keeping up to date with mandatory management practices.

EDBT6001
Partnering with Families in EC Settings
Credit points: 2 Teacher/Coordinator: Dr Alison Elliot Session: Semester 1 Classes: 1x 2-hr seminar/wk for 6 wks Prerequisites: EDBT5557 and EDBT5559 and EDBT5561 Assessment: 1 x essay 1500 wds (75%) and 1 x tutorial presentation 500 wds (25%)

In quality early childhood contexts, families' perspectives on the care and education of young children are taken into account by early childhood professionals who operate in partnership with parents on behalf of their children. When working in partnership, families and qualified early childhood educators develop mutual trust and a shared appreciation of each child across home/service contexts.
The central focus of this unit of study is on design, implementation and reporting of an independent action research project undertaken by each pass-level candidate during the internship and participation in a professional conference following the internship.

Secondary Program - Year 1
In the first year, candidates must complete 48 credit points of units of study comprising: 20 credit points of Core Education units of study; and 28 credit points of Curriculum and Professional Studies units of study including 24 credit points of Teaching Area units of study.

Core Education Units

EDMT5500
Introduction to Teaching and Learning
Credit points: 7 Teacher/Coordinator: Dr Tony Loughland Session: Semester 1 Classes: 1x 1-hr lecture/wk and 1x 2-hr tutorial/wk Assessment: 1x 1500 wd essay (20%) and 1x 2500 wd essay (50%) and 1x presentation (30%)

This unit of study provides an introduction to the three message systems of education: curriculum, pedagogy and assessment. This unit provides the theoretical and contextual framework for the other units of study in this program by providing students with opportunities for critical reflection on the nature and purpose of schools, schooling and the educational process in general.

EDMT5501
Information Technology in Education
Credit points: 3 Teacher/Coordinator: Vilma Fyfe Session: Semester 1 Classes: 2 x 1-hr lecture/wk in weeks 1 and 2 and 1x 1.5-hr tutorial/wk for 10 weeks commencing week 3. Assessment: 1 x 4000 wd online review (20%) and 2 x practical tasks (20%) and 1 x 4000 wd essay (20%)

Information Technology in Education (MITE) explores current practices of information and communication technologies (ICT). This unit of study will provide students with knowledge and skills needed for planning and managing successful learning and teaching through integration of information and communication technologies into curriculum areas. The emphasis will be on the innovative uses of ICT supporting teaching and learning processes. Through hands-on experiences, students will be provided with opportunities to learn basic operational and information technology skills, and learn how a number of ICT tools may be used for planning, assessing and reporting effective learning to foster interest, creativity and support student’s learning.

EDMT5502
Teachers & Learners: School Communities
Credit points: 6 Teacher/Coordinator: Nicole Brunker Session: Semester 2 Classes: 2 x 1.5-hr seminar/wk for 8 wks and 1x 2-hr lecture/wk for 4 wks and 1x 1-hr seminar/wk for 4 wks and 1x 2-hr lecture/wk for 4 wks. Prerequisites: EDMT5500 Corequisites: EDMT5503 Assessment: 1 x group presentation (40%) and 1 x 3000 wd portfolio (60%)

This unit explores the concept of school as community through two themes surrounding the first professional experience in schools. The first theme of ‘Leading a Learning Community’ will investigate the interrelationship between pedagogy and management in creating a school community. This will involve learning activities to support preparation for the first professional experience. The second theme ‘Enhancing Your Work in the Learning Community’ will draw upon the professional experiences of students from Years 1-3 of the program. Critical reflection will be a focus throughout the unit.

EDMT5503
Professional Experiences 1
Credit points: 4 Teacher/Coordinator: Dr Di Bloomfield Session: Semester 1, Semester 2 Classes: block session (25 days) Prerequisites: EDMT5500 AND one of: EDMT5602, EDMT5604, EDMT5605, EDMT5607, EDMT5608, EDMT5609, EDMT5610, EDMT5611, EDMT5613, EDMT5617, EDMT5619, EDMT5622, EDMT5623; OR EDMT5500 and EDMT5532. Corequisites: EDMT5531 Assessment: 1 x 25 day professional experience (100%)

Note: Department permission required for enrolment in the following sessions: Semester 1.
Master of Teaching

Students undertake their first Professional Experience of 25 days in a secondary or primary school (depending on the program they are enrolled in). During the practicum students are assigned to one or more Cooperating Teachers in a single discipline area (or in Primary) and will be responsible for teaching one or more classes for a total of between 10 and 14 lesson periods per week. The Cooperating Teachers will closely support their work in the school and in discussion with the Tertiary Mentor will be responsible for writing the report on the Professional Experience that will form the basis of the assessment in the enrolled unit of study. Assessment is aligned with the NSW Institute of Teachers Professional Teaching Standards for the Graduate Teacher.

Curriculum and Professional Studies Units

EDMT5601
Professional Studies 1 (Options)
Credit points: 2
Teacher/Coordinator: Dr Lesley Scanlon
Session: Semester 1, Semester 2
Classes: 1x 1-hr lecture/wk
Assessment: 1 x 1500 wd essay (100%)
Note: Department permission required for enrolment in the following sessions: Semester 2.

The unit consists of a series of lectures on current issues, policies and mandated areas of study in secondary school education.

EDMT5600
Professional Studies 2 (Options)
Credit points: 2
Session: Semester 1, Semester 2
Classes: 1x 1-hr lecture/wk and professional development option
Assessment: EDMT5500 Assessment: 1x 1500 wd assessment (100%)
Note: Department permission required for enrolment in the following sessions: Semester 1.

This unit of study explores important aspects of occupational health and safety (OH&S) and personal development, health and physical education (PDHPE) within the context of the whole secondary school community and curriculum.

Teaching Area Units

EDMT5602
Art Curriculum 1
Credit points: 6
Teacher/Coordinator: Dr Marianne Hulsbosch
Session: Semester 1
Classes: 1x 1 -hr lecture/wk and 1x 2-hr tutorial-seminar-workshop/wk
Assessment: 1x visual art reflective journal 2500 wds (40%) and 1x collaborative group work case study 2000 wds (35%) and 1x lesson plan development 1500 wds (25%)

This Unit introduces candidates to the knowledge base underpinning the principles and practices of learning and teaching in the Visual Arts. In addition candidates will examine models of pedagogy related to these specific disciplines. Students will investigate behaviour management strategies in Visual Art classrooms that address students who display challenging classroom behaviour. This Unit will also introduce candidates to a range of literacy and numeracy strategies to meet the needs of all students, specifically non-English speaking background students (NESB).

EDMT5603
Art Curriculum 1 (Extension)
Credit points: 6
Teacher/Coordinator: Dr Marianne Hulsbosch
Session: Semester 1
Classes: 1x 2-hr lecture/wk and 1x 2-hr tutorial-seminar-workshop/wk
Assessment: EDMT5602 Assessment: 1x collaborative lesson presentation 2000 wds (40%) and 1x stage 4 student interactive study guide 2000 wds (40%) and 1x visual art reflective journal 1000 wds (20%)

This Unit builds on the content of the core unit EDMT5602 and further investigates the knowledge base underpinning the principles and practices of learning and teaching in the Visual Arts in Stages 4 and 5. In particular this Unit facilitates the development, implementation and critical assessment of models of pedagogy for teaching Visual Arts in Stage 4. Additionally the role and value of various student learning resources are investigated and specific criteria are developed to assess the suitability and appropriateness of these student learning objects. Furthermore candidates will examine the central concepts, modes of enquiry and the structures of painting, drawing or wet photography; subsequently they are to critically investigate current models of pedagogies related to these specific disciplines.

EDMT5652
Art Curriculum 2
Credit points: 5
Teacher/Coordinator: Dr Marianne Hulsbosch
Session: Semester 2
Classes: 1x 2-hr lecture/wk and 1x 2-hr tutorial-seminar-workshop/wk for 8 wks
Assessment: EDMT5652 and EDMT5500 Assessment: 1x literature review and poster presentation 2500 wds (40%) and 1x extended unit of work stage 6 preliminary 3500 wds (60%)

This course closely examines the knowledge base underpinning the principles and practices of learning and teaching in the Visual Arts in the Stage 6 course by investigating the aims, objectives, outcomes, content, key terms and course requirements of all visual arts syllabi. In particular this Unit focuses on introducing pedagogy strategies for assessing for learning in the Visual Arts 7-12 and the other syllabi studied. Subsequently a range of strategies for teaching and assessing visual arts practices will be explored. In addition this Unit will introduce candidates to various pedagogy strategies for teaching Visual Arts 7-12, to meet the needs of all students, specifically Aboriginal and Torres Strait Islander students and students with special education needs. Through thorough and critical research of contemporary models of pedagogy in the Visual Arts and exploring the professional standards framework and its impact on the work of a teacher, candidates will begin to develop a teaching philosophy.

EDMT5653
Art Curriculum 2 (Extension)
Credit points: 6
Teacher/Coordinator: Dr Marianne Hulsbosch
Session: Semester 2
Classes: 2x 2-hr lecture/wk and 1x 2-hr tutorial-seminar-workshop/wk for 8 wks
Assessment: EDMT5652, EDMT5603 and EDMT5500 Corequisites: EDMT5652 Assessment: 1x visual art reflective journal 2000 wds (33%) and 1x case study 2000 wds (33%) and 1x essay 2000 wds (34%)

This Unit builds further on the learning in EDMT5652 and further explores the knowledge base underpinning the principles and practices of learning and teaching in the Visual Arts in the Stage 6 course through investigating the aims, objectives, outcomes, content, key terms and course requirements of the arts syllabi. Candidates will be introduced to the central concepts, modes of enquiry and the structures of ceramics, object design or print media and explore various pedagogies for assessing learning in these media in the Visual Arts 7-12. Subsequently candidates will further critically examine current knowledge and understandings of art education issues specifically related to Aboriginal and Torres Strait Islander students and those with special education needs. In addition candidates are introduced to the significance of case studies as a means of developing greater insight into the visual arts and consider a range of strategies in implementing case studies in a Stage 6 HSC program of learning.

EDMT5604
Drama Curriculum 1
Credit points: 6
Teacher/Coordinator: Assoc Professor Michael Anderson, Dr Kelly Freebody
Session: Semester 1
Classes: 2 x 2 hr workshop/week for 7 wks
Assessment: 1 x 2000 wd essay (40%) and 1 x teaching program (60%)

This unit introduces teaching Drama 7-12, with a focus on Stages 4 & 5. Students will examine the history of drama education, examine teaching strategies for playbuilding and key forms of drama. Students will begin to develop their own personal style of teaching. The emphasis in this course is upon the teaching of Drama related to the NSW Year 7-10 Drama Syllabus.
EDMT5654
Drama Curriculum 2
Credit points: 6  
Teacher/Coordinator: Assoc Professor Michael Anderson,
Dr Kelly Freebody  
Session: Semester 2  
Classes: 2 x 2 hr workshops only for 7 wks  
Prerequisites: EDMT5604 and EDMT5500  
Assessment: 1 x 2500 wd essay (40%) and 1 x topic area program (60%)

This unit continues the preparation for teaching Drama 7-12, with a focus on Stage 6, HSC Drama. Students examine the issues relating to individual project work and the collaborative aspects of the drama syllabuses. This unit also explores issues related to assessment and programming of drama as well as exploring quality teaching in drama education. Students will deepen their understanding of the cognitive/affective development which the study of Drama anticipates, and further develop their own personal style of teaching.

EDMT5627
Commerce/Business Studies Curriculum 1
Credit points: 6  
Teacher/Coordinator: Kate Keeley  
Session: Semester 1b  
Classes: 1 x 1 hr lecture/wk and 1 x 1 hr tutorial/wk and 1 x 2 hr seminar/wk  
Assessment: 1x excusion task (25%) and 1x eLearning task (25%) and 1x consumer and 1x financial literacy task (25%) and 1x 1500 wd essay (25%) and 1x lesson plan (25%)

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

EDMT5677
Commerce/Business Studies Curriculum 2
Credit points: 6  
Teacher/Coordinator: Kate Keeley  
Session: Semester 2  
Classes: 1 x 1 hr lecture/wk and 1 x 1 hr tutorial/wk and 1 x 2 hr seminar/wk  
Assessment: 1x lesson plan task (25%) and 1x teaching and learning folder (25%) and 1x eLearning task (25%) and 1x 1500 wd essay (25%) and 1x excursion task (25%)

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

EDMT5605
English Curriculum 1
Credit points: 6  
Teacher/Coordinator: Assoc Professor Michael Anderson,  
Dr Jacqueline Manuel  
Session: Semester 1a  
Classes: 1 x 1 hr lecture/wk and 1 x 1 hr tutorial/wk and 1 x 2 hr seminar/wk  
Assessment: 1x lesson plan task (25%) and 1x teaching and learning folder (25%) and 1x eLearning task (25%) and 1x 1500 wd essay (25%)

This unit of study aims to make students confident, enthusiastic and competent teachers of English. This unit will develop competencies and skills in lesson planning, programming and pedagogy in teaching English. There will be an emphasis on ICT, literacy and civics and citizenship education throughout.

EDMT5655
Commerce/Economics Curriculum 1
Credit points: 6  
Teacher/Coordinator: Kate Keeley  
Session: Semester 1b  
Classes: 1 x 1 hr lecture/wk and 1 x 1 hr tutorial/wk and 1 x 2 hr seminar/wk  
Assessment: 1x lesson plan task (25%) and 1x teaching and learning folder (25%) and 1x eLearning task (25%) and 1x 1500 wd essay (25%)

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

EDMT5658
Geography Curriculum 1
Credit points: 6  
Teacher/Coordinator: Kate Keeley  
Session: Semester 2  
Classes: 1 x 1 hr lecture/wk and 1 x 1 hr tutorial/wk and 1 x 2 hr seminar/wk  
Assessment: 1x lesson plan task (25%) and 1x teaching and learning folder (25%) and 1x eLearning task (25%) and 1x 1500 wd essay (25%)

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

This unit of study aims to make students confident, enthusiastic and competent teachers of English. This unit will develop competencies and skills in lesson planning, programming and pedagogy in teaching English. There will be an emphasis on teaching English in the senior secondary years.

EDMT5660
Geography Curriculum 2
Credit points: 6  
Teacher/Coordinator: Kate Keeley  
Session: Semester 2  
Classes: 1 x 1 hr lecture/wk and 1 x 1 hr tutorial/wk and 1 x 2 hr seminar/wk  
Assessment: 1x lesson plan task (25%) and 1x teaching and learning folder (25%) and 1x eLearning task (25%) and 1x 1500 wd essay (25%)

This unit of study aims to make students confident, enthusiastic and competent teachers of Geography. This unit will develop competencies and skills in lesson planning, programming and pedagogy in teaching Geography in Stage 4. An understanding of the NSW Board of Studies Year 7-10 Syllabus will be emphasised and students will develop lesson plans, programs, teaching resources and a range of Geography teaching materials. There will be an emphasis on ICT, literacy, civics and citizenship education throughout the unit.
This unit is designed to build pre-service language teachers' awareness, skills and understandings in languages education, to guide and prepare them for their future language teaching. Students will gain broad understandings about the nature and scope of languages education in the New South Wales context, about traditional and more contemporary and innovative classroom practices and particular aspects of policy and Board of Studies documentation.

**EDMT5662 Languages Curriculum 2 (Additional)**

Credit points: 6 Teacher/Coordinator: Assoc Professor Judy Anderson Session: Semester 1b Classes: 2 x 2 hr seminar-workshop-tutorial/wk Assessment: 1 x 2000 wd group report (40%) and 1 x 4000 wd presentation and individual written reflection (60%)

This unit is designed for pre-service language teachers continuing with their curriculum method study in an additional target language. The unit will continue to build pre-service teachers' awareness, skills and understandings in languages education, to guide and prepare them for their future language teaching.

**EDMT5663 Mathematics Curriculum 1**

Credit points: 6 Teacher/Coordinator: Assoc Professor Judy Anderson Session: Semester 1b Classes: 2 x 2 hr seminar-workshop-tutorial/wk Assessment: 1 x 2000 wd group report (40%) and 1 x 4000 wd presentation and individual written reflection (60%)

The aim of this unit of study is to introduce issues associated with the teaching and learning of mathematics from Kindergarten to Year 12 to student teachers undertaking both double and single mathematics method. The continuum of learning for K to 10 will be explored as it outlines the developmental nature of learning mathematics, building concepts across the transitional stages of schooling, and considering strategies to address the learning needs of the full range of students in the mathematics classroom. The importance of building upon learning in the primary school years will be a key focus in this first mathematics methods unit of study. Particular issues in the teaching and learning of mathematics will be addressed through the investigation of scenarios related to school contexts. To reflect the collaborative nature of working in a team of teachers in schools, student teachers will form small learning teams to explore scenarios, related to high school settings. In these teams, student teachers will be required to collaboratively investigate the issues raised in the scenarios and plan sequential learning experiences appropriate for high school students.
EDMT5614
Mathematics Curriculum 1 (Extension)
Credit points: 6
Teacher/Coordinator: Assoc Professor Judy Anderson
Session: Semester 2
Classes: 1 x 4-hr tutorial-seminar-workshop/wk
Prerequisites: EDMT5613 and EDMT5500
Corequisites: EDMT5613 Assessment: 1 x 4000 wd resource folder (60%) and 1 x 2000 wd assignment (40%)
This first extension unit of study aims to develop further knowledge and understanding of key issues associated with teaching and learning mathematics from Kindergarten to Year 12. By visiting primary school classrooms, student teachers will begin to build knowledge and understanding of the types of learning environments typically used in primary school settings to develop knowledge of mathematics. In particular, student teachers will focus on the teaching strategies typically used in mixed ability settings to cater for the full range of student learning needs and explore programs and practices for addressing the particular needs of students with specific learning needs in primary schools. Issues associated with transition from primary school to secondary school will be explored in detail with opportunities to examine programs established to support transition and build mathematics knowledge. Different approaches to arranging the school curriculum will be considered including middle school programs and semestred courses with multi-stage classes. In addition, offering elective courses in mathematics will be considered through examples of each of these approaches in practice. Brain-based research into gender differences in adolescence will be explored with implications for practice in mathematics classrooms.

EDMT5663
Mathematics Curriculum 2
Credit points: 6
Teacher/Coordinator: Assoc Professor Judy Anderson
Session: Semester 2
Classes: 2 x 2 hr tutorial-seminar-workshop/wk
Prerequisites: EDMT5613 and EDMT5500
Assessment: 1 x 2500 wd assignment (40%) and 1 x 3500 wd assignment (60%)
This is the second unit of study for both single and double mathematics method student teachers. The focus of this unit of study is a detailed examination of the school of mathematics curriculum to develop student teachers' knowledge and understanding of the mathematics curriculum requirements and appropriate pedagogy. The rationale, aim, content, course requirements and key terms from the curriculum will be examined and used to plan, program and develop lesson plans for key mathematics concepts. Building on their understandings from Mathematics Curriculum 1, student teachers will examine the content strands of the mathematics curriculum to develop appropriate models of pedagogy for teaching and assessment. Common student misconceptions will form the basis of planning and programming so that student teachers are prepared to meet the needs of the full range of students. Additional strategies for differentiating the curriculum and embedding technology into lessons will be explored. A range of technologies will be examined in this unit including interactive whiteboards, computer software packages and graphics calculators. Strategies for assessing mathematics knowledge, skills and understanding will be considered with student teachers developing skills in designing assessment tasks. Assessment for learning and assessment of learning will be discussed with rich tasks developed for both purposes.

EDMT5664
Mathematics Curriculum 2 (Extension)
Credit points: 6
Teacher/Coordinator: Assoc Professor Judy Anderson
Session: Semester 2
Classes: 1 x 4-hr tutorial-seminar-workshop/wk for 9 wks
Prerequisites: EDMT5613, EDMT5614 and EDMT5500
Corequisites: EDMT5663 Assessment: 1 x 3000 wd portfolio of problems (50%) and 1 x 3000 wd essay (50%)
This second extension unit of study for student teachers doing double mathematics method aims to develop further knowledge of mathematics learning from Kindergarten to Year 12 and builds on student teachers' knowledge of the mathematics curriculum documents. The development of algebraic thinking and proportional reasoning in the primary school years and beyond will be explored. These two concepts provide a sound basis for learning across all of the stages of schooling and link closely to many other aspects of the mathematics curriculum. The processes required to work and think mathematically will be explored in detail including problem solving and reasoning. The types of problem solving and modelling tasks, which are most suitable for cooperative groups will be considered with opportunities to evaluate a range of tasks. Rich problem-solving tasks will be designed and evaluated for use in middle school classrooms. The rich tasks will be compared to textbook questions and the pedagogical differences between teaching using rich tasks and teaching from the textbook will be evaluated. Research comparing such approaches will be used to challenge the student teachers' beliefs about the teaching and learning of mathematics in secondary classrooms.

EDMT5617
Science Curriculum 1
Credit points: 6
Teacher/Coordinator: Dr Louise Sutherland
Session: Semester 1b
Classes: 1x 1-hr lecture/wk and 2x 2-hr workshop/wk for 8 weeks
Assessment: concept map of topic (20%), peer teaching (20%), lesson plan and resource (30%) and portfolio (30%)
This unit of study is the first in a series of three which aims to prepare graduates for the teaching of Science in high schools as one of their two teaching specialisations. Students will investigate the nature and purpose of science education in the secondary school, contemporary syllabuses in science for 7-12, children's understanding of science, teaching and learning strategies, the planning of learning activities and lessons, and current state, national and international policies on science education.

EDMT5667
Science Curriculum 2
Credit points: 6
Teacher/Coordinator: Dr Louise Sutherland
Session: Semester 2
Classes: 2 x 2-hr workshop-seminar/wk x 8 wks
Prerequisites: EDMT5617 and EDMT5500
Assessment: unit plan proposal (10%), seminar presentation (20%), unit plan stage 5 (40%) and portfolio (30%)
This unit of study builds upon the work done in the prerequisite course Science Curriculum 1. The unit is designed to develop students' understanding of the nature of science teaching and children's learning of science. The planning of science teaching and learning activities. The interpretation and implementation of syllabus aims, objectives, outcomes and content guidelines. The integration of individual science disciplines within a multidisciplinary science curriculum. Across-curriculum perspectives and policies in science curriculum.

EDMT5618
Science Curriculum 3
Credit points: 6
Teacher/Coordinator: Dr Louise Sutherland
Session: Semester 1b
Classes: 2x 2-hr seminar/wk for 6 weeks
Assessment: 1x concept map of topic focusing on changes in scientific ideas (20%) and 1x essay - major changes in the development of the ideas (30%) and 1x peer teaching (20%) and 1x resources to support teaching of the unit (30%)
An understanding of the nature of science ought to inform beliefs, practices and policies related to science and technology education in school (and beyond). Teachers of science need to develop an awareness of the pitfalls associated with uninformed views about the history and philosophy of science, particularly as they are now required to focus on both the history of science and the nature and practice of science in the development of teaching programs for the new school science syllabuses in NSW and in other systems' syllabuses. In this unit of study students will examine contemporary issues from the history, philosophy and sociology of science and their relevance to school science teaching and learning, and science curriculum design and implementation.

EDMT6617
Science Curriculum 3
Credit points: 6
Teacher/Coordinator: Dr Louise Sutherland
Session: Semester 1, Semester 2
Classes: 2 x 2-hr seminar/wk for 10 wks
Assessment: 1x proposal (10%) and 1x seminar presentation (30%) and 1 x essay (60%)
Students will investigate contemporary issues in science education research, curriculum design and implementation, assessment and professional development. Each student will research, review and...
This unit of study is the first of three which aims to prepare graduates to be teachers of either Years 11-12 Legal Studies or Years 11-12 Society & Culture and one of Geography, Commerce or History in Years 7-10. This unit will develop competencies and skills in lesson planning, programming and pedagogy in one of Geography, Commerce or History in Years 7-10. The NSW Board of Studies Years 7-10 Geography, Commerce or History syllabuses will be introduced and the students will develop lesson plans, programs, teaching resources and a range of teaching materials. Particular emphasis will be placed on integrating literacy and civics and citizenship education into teaching Years 7-10. Students will be expected to develop sophisticated ICT skills for use in teaching 7-10 Commerce, Geography or History.

EDMT5669
HSIE Curriculum 2
Credit points: 6
Teacher/Coordinator: Kate Keeley
Session: Semester 2
Classes: 2x 2-hr seminar/wk and 1x 1-hr tutorial/wk and 1x 2-hr seminar/wk
Assessment: 1x case study (30%) and 1x set of lesson plans (40%) and 1x review of resources (30%)

This unit of study consists of the study of one of Years 7-10 Geography, Commerce or History syllabuses with an emphasis on Stage 5. This unit will build on previous study of the Years 7-10 Syllabuses in Geography, Commerce and History. This unit of study provides opportunities for students to achieve outcomes in understanding the curriculum design of one of Commerce, Geography or History education. The unit further enhances designing and delivering a range of teaching strategies, evaluating and developing teaching resources and assessing students' achievement in Geography or Commerce or History. Students will also learn to design and implement an excursion for years 7-10. Further emphasis throughout will be placed on literacy, citizenship and culture in Years 7-10 Geography.

EDMT5622
TESOL Curriculum 1
Credit points: 6
Teacher/Coordinator: Dr Di Bloomfield
Session: Semester 1
Classes: 2x 2-hr seminar/wk and 1x 1-hr tutorial/wk and 1x 2-hr seminar/wk
Assessment: 1x fieldwork report equivalent to 1250 wds (40%) and 1x inclusion statement 350 wds (20%) and 1x tutorial presentation equivalent to 500 wds (20%) and 1x behaviour management statement equivalent to 400 wds (20%)

This unit addresses mandatory requirements to be met by every graduate pre-service teacher. Issues relating to the education of students with a disability will be addressed through working with a student/s with a disability, conducting tutorials that highlight evidence-based practices for working with students with special education needs, and engaging in lectures and tutorials that promote attitudes, knowledge and beliefs that students with disabilities will access and participate in quality education programs.

EDBT5601
Professional Experiences 2
Credit points: 4
Teacher/Coordinator: Dr Di Bloomfield
Session: Semester 1
Classes: block mode (20 days)
Prerequisites: EDBT5503 and EDBT5502 and EDBT5500 and EDBT5501 and EDBT5503 and one of: EDBT5652 and EDBT5654 and EDBT5658 and EDBT5659 and EDBT5661 and EDBT5663 and EDBT5665 and EDBT5667 and EDBT5669 and EDBT5670 and EDBT5672 and EDBT5673 and EDBT5535 and EDBT5536
Assessment: 1 x 20 days professional experience (100%)
Note: Department permission required for enrolment in the following sessions: Semester 2.

Students undertake their second Professional Experience of 20 days in a secondary or primary school in a second year of the program. During the practicum students are assigned to one or more Cooperating Teachers in a single discipline area and will be responsible for teaching one or more classes for a total of between 12 and 16 lesson periods per week. The Cooperating Teachers will closely support their work in the school and in discussion with the Tertiary Mentor will be responsible for writing the report on the Professional Experience that will form the basis of the assessment in the enrolled unit of study. Assessment is aligned with the NSW Institute of Teachers Professional Teaching Standards for the Graduate Teacher.
This course aims to introduce art education issues, perspectives and skills development with a specific focus on the Stage 6 HSC program. Candidates will investigate the aims, objectives, outcomes, content, key terms and course requirements of the HSC requirements of the Visual Arts Stage 6 syllabus, in particular in relation to assessment of art making and art history/theory. This Unit introduces candidates to models of pedagogy for assisting Stage 6 students in examination preparation of the Body of Work and the associated Visual Arts Process Diary, as well as the written examination paper.

This Unit also critically examines curriculum different models of art pedagogy (e.g. Montessori, Steiner, Dalton and the International Baccalaureate); visual art safety and risk management practices, budgeting, selecting, storing, maintaining and replacing materials, equipment and other art education resources, as well as the various national and international professional art teacher associations and the various professional development opportunities available in NSW. Candidates will further examine the current development of the Australian National Curriculum and the latest position of the arts, how they conceive their role as a Visual Arts teacher in schools and the wider community, and how they can contribute to achieve this goal.

This unit builds on the core unit EDBT6602 through a deeper exploration of the knowledge base underpinning the principles and practices of learning and teaching in the Visual Arts in Stage 6 course by investigating the aims, objectives, outcomes, content, key terms and course requirements of the Stage 6 Visual Arts and Content Endorsed syllabi. This unit further explores issues and perspectives of the HSC written examination through mapping and planning a Stage 6 program of learning. Additionally this unit considers the relationship between teachers and the wider community and further explores professional learning practices within and external to the school environment. In particular this unit facilitates candidates’ experiences to contribute to these communities of practice and using their resources, knowledge and experiences to further enhance student learning in a school environment.

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

This unit will prepare students to be effective teachers of Stage 6 Business Studies. The unit will develop competencies and skills in lesson planning, programming and pedagogy in teaching Business Studies in Stage 6. An understanding of the NSW Board of Studies Years 11-12 Business Studies Syllabus will be emphasised and students will develop lesson plans, programs, teaching resources and a range of Business Studies teaching materials. Further emphasis will be placed on ways that Board of Studies HSC assessment requirements can be met including developing assessment tasks and programs. Use of ICT for both teaching and preparation will be a focus of this unit.

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

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

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

This is an advanced unit of study for students who wish to implement the NSW Classical Hebrew Stage 6 Syllabus. It builds on the skills knowledge and understandings developed in Classical Hebrew and Judaism 1 and 2. Students examine the challenges of the subject and engage in a critical reflection of the issues inherent in the teaching of sacred texts. The unit develops advanced skills for classroom teaching as well as focussing on the Stage 6 learner’s requirements.
This unit of study will focus on teaching the Geography Syllabus for Years 11-12. In this unit students will study particular issues facing students studying for the HSC in NSW schools. Students will build on their previous studies in Years 7-10 Geography and further develop teaching strategies, resources and assessment techniques for teaching Stage 6 Geography. Added emphasis will be placed on assessment strategies and programs for the Preliminary/HSC course in Geography focusing on NSW Board of Studies requirements. Additional emphasis will be placed on strategies, skills and resources for both fieldwork and the Senior Geography Project. Students will also look at the ways the study of Geography for the HSC can lead to various post school destinations. Professional association membership and HSC marking will be promoted throughout this unit.

EDBT6609
History Curriculum 3
Credit points: 6
Teacher/Coordinator: Dr Tim Attenper
Session: Semester 1
Classes: 1 x 1 hr lecture/week and 1 x 1 hr tutorial/week
Prerequisites: EDBT5609 and EDBT5669
Assessment: 1 x 1500 wd presentation (15%) and 1 x 4000 wd unit of work (85%)

This unit is designed to develop the skills and understanding necessary to teach current Board of Studies senior history syllabuses. The course also explores the realities of teaching students at this level and the various ways in which higher-order skills may be developed in response to the demands of the new Extension History Syllabus, Stage 6.

EDBT6606
HSIE/Legal Studies Curriculum 3
Credit points: 6
Teacher/Coordinator: Kate Keeley
Session: Semester 1
Classes: 1 x 1 hr lecture/week and 1 x 1 hr tutorial/week and 1 x 2 hr seminar
Prerequisites: EDBT5619 and EDBT5669
Assessment: 1 x preliminary/HSC assessment task (30%) and 1 x program development task (30%) and 1 x eLearning task (40%)

This unit will prepare students to be effective teachers of Stage 6 Legal Studies. The unit will develop competencies and skills in lesson planning, programming and pedagogy in teaching Legal Studies in Stage 6. An understanding of the NSW Board of Studies Years 11-12 Legal Studies Syllabus will be emphasised and students will develop lesson plans, programs, teaching resources and a range of Legal Studies teaching materials. Further emphasis will be placed on ways that Board of Studies HSC assessment requirements can be met including developing assessment tasks and programs. Use of ICT for both teaching and preparation will be a focus of this unit.

EDBT6605
HSIE/Society and Culture Curriculum 3
Credit points: 6
Teacher/Coordinator: Kate Keeley
Session: Semester 1
Classes: 1 x 1 hr lecture/week and 1 x 1 hr tutorial/week and 1 x 2 hr seminar/week
Prerequisites: EDBT5619 and EDBT5669
Assessment: 1 x assessment task (30%) and 1 x PIP task (30%) and 1 x eLearning task (40%)

This unit will prepare students to be effective teachers of Stage 6 Society and Culture. The unit will develop competencies and skills in lesson planning programming and pedagogy in teaching Society and Culture in Stage 6. An understanding of the NSW Board of Studies Year 11-12 Society and Culture Syllabus will be emphasised and students will develop lesson plans, programs, teaching resources and a range of Society and Culture teaching materials. Further emphasis will be placed on ways that Board of Studies HSC assessment requirements can be met including developing assessment tasks and programs and with particular emphasis on the Personal Interest Project. Use of ICT for both teaching and preparation will be a focus of this unit.

EDBT6611
Languages Curriculum 3
Credit points: 6
Teacher/Coordinator: Assoc Professor Lesley Harbon
Session: Semester 1
Classes: 1 x 1 hr lecture/week and 3 x 1 hr tutorials/week
Prerequisites: EDBT5611 and EDBT5661
Assessment: 1 x 2000 wd oral presentation (35%) and 1 x 3000 wd unit of work (45%) and 1 x 1000 wd portfolio (20%)

This unit is designed to build on knowledge, skills and competencies developed in Languages Curriculum 1 and 2 to guide and prepare students for their future teaching. Students continue to investigate cases of languages and cultures education, honing skills for understandings and competencies for lifelong professional development.

EDBT6612
Languages Curriculum 3 (Additional)
Credit points: 6
Teacher/Coordinator: Assoc Professor Lesley Harbon
Session: Semester 1
Classes: 1 x 1 hr lecture/week
Prerequisites: EDBT5611 and EDBT5661
Assessment: 1 x 2000 wd parent newsletter (35%), 1 x 3000 wd unit of work (45%) and 1 x 1000 wd portfolio (20%)

This unit is the final unit in a series designed for pre-service language teachers continuing with their curriculum method study in an additional target language. The unit will continue to build pre-service teachers awareness, skills and understandings in languages education, especially in regard to the complete series of Board of Studies courses in languages.

EDBT6613
Mathematics Curriculum 3
Credit points: 6
Teacher/Coordinator: Assoc Professor Judy Anderson
Session: Semester 1
Classes: 1 x 1-hr lecture/wk and 3 x 1-hr tutorial-seminar-workshop/wk
Prerequisites: EDBT5613 and EDBT5663
Assessment: 1 x 3000 wd resource portfolio (50%) and 1 x 3000 wd assignment (50%)

This is the third unit of study for both single and double mathematics method student teachers. The focus of this unit of study is a detailed examination of the syllabus documents for the senior secondary students enrolled in mathematics courses for the Higher School Certificate in NSW (HSC). For each of the syllabus documents, the aims, objectives, content, course requirements and key terms will be examined and used to plan, program and develop appropriate teaching strategies as well as learning and assessment tasks for key mathematics concepts. For all of the mathematics courses offered in the senior school, student teachers will evaluate and design learning and assessment tasks using a range of resources as well as plan and program lesson sequences to differentiate learning and support the development of deeper understandings of challenging mathematics concepts including calculus. Retention of students beyond the compulsory years of schooling (Year 10) will be examined to identify issues associated with students’ motivation and engagement to continue the study of mathematics. Career choice limitations will be discussed to explore ways the continued learning of mathematics and mathematics and science careers can be promoted in schools.

EDBT6614
Mathematics Curriculum 3 (Extension)
Credit points: 6
Teacher/Coordinator: Assoc Professor Judy Anderson
Session: Semester 1
Classes: 1 x 4hr tutorial-seminar-workshop/wk for 9 wks
Prerequisites: EDBT5613 and EDBT5614 and EDBT5663 and EDBT5664
Assessment: 1 x 3000 wd assignment (50%) and 1 x 3000 wd essay (50%)

This third extension unit of study for student teachers doing double mathematics method aims to enrich knowledge, skills and understanding of calculus-based mathematics courses in the senior secondary years of schooling, and provide an examination of various successful approaches to teaching, learning and assessing. By exploring particular topics from the higher-level calculus-based courses, student teachers will design units of work and present research-based teaching ideas to their peers. The impact of high-stakes assessment on students’ motivation and engagement in school mathematics will be considered. By collecting samples of alternative assessment tasks, student teachers will evaluate the efficacy of using similar alternatives to provide constructive feedback to students about their knowledge, skills and understanding of mathematics. Self-theories and views of ‘ability’ will be considered in relation to the development of school students’ mathematical identities. The development of a mathematical identity and its impact on choices to continue to study mathematics in the senior years of schooling and
beyond will be investigated. The impact of linguistic, social and cultural backgrounds will be highlighted from the research literature with further discussions about the types of social norms frequently established in mathematics classrooms.

EDMT6617
Science Curriculum 3
Credit points: 6
Teacher/Coordinator: Dr Louise Sutherland
Session: Semester 1, Semester 2
Classes: 2 x 2hr seminar/wk for 10 wks
Prerequisites: EDMT6517
Assessment: 1x proposal (10%) and 1x seminar presentation (30%) and 1 x essay (60%)

Students will investigate contemporary issues in science education research, curriculum design and implementation, assessment and professional development. Each student will research, review and report on an assigned issue from the current science education literature.

EDBT6618
Science Curriculum 3 (Extension)
Credit points: 6
Teacher/Coordinator: Dr Louise Sutherland
Session: Semester 1, Semester 2
Classes: 2 x 2-hr seminar/wk for 6 weeks
Assessment: 1x concept map of topic focusing on changes in scientific ideas (20%) and 1x essay - major changes in the development of the ideas (30%) and 1x peer teaching (20%) and 1x resources to support teaching of the unit (30%)

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

EDBT6622
TESOL Curriculum 3
Credit points: 6
Teacher/Coordinator: Ken Cruickshank
Session: Semester 1
Classes: 2 x 2-hr seminar/wk for 9 weeks
Prerequisites: EDMT6622 and EDBT5672
Assessment: 1x minor research project (40%) and 1x pronunciation program (30%) and 1x seminar presentation (30%)

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

Master of Teaching (XC007)
Students who choose to continue to the Master of Teaching in 2011 complete the following units of study in Semester 2:

EDMT6200
Internship
Teacher/Coordinator: Dr Di Bloomfield
Session: Semester 1, Semester 2, Semester 2a
Classes: block mode (45 days)
Prerequisites: 72 cpts (eligible to graduate with the BTeach) and able to progress to the MTeach candidature
Corequisites: EDMT6201
Assessment: 1 x 45 days professional experience (100%)
Note: Department permission required for enrolment in the following sessions:
Semester 1, Semester 2.

Students undertake their Internship at least 40 days (usually 45 days) in the second semester in second year of the program. Students may only be in the Internship in a school or other educational institution which is approved by the Faculty, and must do it in the curriculum area(s) that they have been enrolled in and are conditionally certified to teach in. During the Internship students are assigned to one or more mentor teachers, usually in a single discipline area and will be responsible for teaching one or more classes for a total of between 14 and 17 lesson periods per week. The mentor teacher will monitor the Intern in their work in the school and in discussion with the Tertiary Mentor, will be responsible for writing the report on the Internship that will form the basis of the assessment. Assessment is aligned with the NSW Institute of Teacher's Professional Teaching Standards for the Graduate Teacher.

EDMT6201
Action Research Project and Conference
Teacher/Coordinator: Dr Di Bloomfield
Session: Semester 1, Semester 2, Semester 2b
Classes: 1 x 1-day conference
Prerequisites: 72 cpts and able to progress to the MTeach candidature
Corequisites: EDMT6200
Assessment: 1 x 1000wd action research proposal (20%) and 1 x 1000wd action research presentation (20%) and 1 x 4000wd action research report (60%)
Note: Department permission required for enrolment.

All candidates for the Master of Teaching degree are required to attend, participate in and submit assigned work for the one-day Post-Internship Conference as the final component of their course. The central focus of this unit of study is on design, implementation and reporting of an independent action research project undertaken by each pass-level candidate during the internship and participation in a professional conference following the internship.

School Counselling Program - Year 1
In the first year, candidates must complete 48 credit points of units of study comprising:- 20 credit points of Core Education units of study; and- 28 credit points of Curriculum and Professional Studies units of study including 12 credit points of Teaching Area units of study.

Core Education Units

EDMT5500
Introduction to Teaching and Learning
Credit points: 7
Teacher/Coordinator: Dr Tony Loughland
Session: Semester 1, Semester 2, Semester 2b
Classes: 1 x 1hr lecture/wk and 1 x 2hr tutorial/wk
Assessment: 1 x 1500wd essay (20%) and 1 x 2500wd essay (30%) and 1 x presentation (30%)

This unit of study provides an introduction to the three message systems of education: curriculum, pedagogy and assessment. This unit provides the theoretical and contextual framework for the other units of study in this program by providing students with opportunities for critical reflection on the nature and purpose of schools, schooling and the educational process in general.

EDMT5501
Information Technology in Education
Credit points: 3
Teacher/Coordinator: Vilma Fyfe
Session: Semester 1, Semester 2
Classes: 2 x 1hr lecture/wk in weeks 1 and 2 and 1 x 1.5hr tutorial/wk for 10 weeks commencing week 3
Assessment: 1 x 4000wd online review (20%) and 2 x practical tasks (2x40%)

Information Technology in Education (MITE) explores current practices of information and communication technologies (ICT). This unit of study will provide students with knowledge and skills needed for planning and managing successful learning and teaching through integration of information and communication technologies into curriculum areas. The emphasis will be on the innovative uses of ICT supporting teaching and learning processes. Through hands-on experiences, students will be provided with opportunities to learn basic operational and information technology skills, and learn how a number of ICT tools may be used for planning, assessing and reporting effective learning to foster interest, creativity and support student's learning.

EDMT5502
Teachers & Learners: School Communities
Credit points: 6
Teacher/Coordinator: Nicole Brunker
Session: Semester 2
Classes: 2 x 1.5hr seminar/wk for 8 wks and 1 x 2hr lecture/wk for 4 wks and 1 x 1hr lecture/wk for 4 wks
Prerequisites: EDMT5500
Corequisites: EDMT5503
Assessment: 1 x group presentation (40%) and 1 x 3000wd portfolio (60%)
This unit explores the concept of school as community through two themes surrounding the first professional experience in schools. The first theme of ‘Leading a Learning Community’ will investigate the interrelationship between pedagogy and management in creating a school community. This will involve learning activities to support preparation for the first professional experience. The second theme ‘Enhancing Your Work in the Learning Community’ will draw upon the professional experience to develop reflective practice and investigate the relationship between students and teachers within a school community. Critical reflection will be a focus throughout the unit.

EDMT5009
School Psychology Practicum
Credit points: 4 Teacher/Coordinator: Dr Susan Colmar Session: Semester 2 Classes: 3x 1-hr seminars during prac and 1x 1-hr seminar pre-prac and 1x 1-hr seminar post-prac. Prerequisites: EDMT5623, EDMT5625 and EDMT5500
Corequisites: EDMT5673 Assessment: 1x set of final performance ratings and 20 daily activity sheets and 1x phase 1 portfolio (satisfactory/unsatisfactory)
Practical field work: 20 day professional experience block 4 days per week for 5 weeks in a school counselling setting

This unit allows students the opportunity to learn about the profession of school psychology as part of the training program. The unit focuses on working as a school counsellor under the supervision of university staff, who are all registered psychologists and field school counsellors. The role of the school counsellor includes counselling and assessment of children and adolescents with problems, and developing intervention programs for those with learning and behavioural challenges, liaising with parents and teachers to enhance the classroom and home learning and psychological environments, and developing prevention programs for at risk students.

Curriculum and Professional Studies Units

EDMT5625
Professional Studies 1 (Psychology)
Credit points: 2 Teacher/Coordinator: Dr Susan Colmar Session: Semester 1 Classes: 2.5 hrs/wk for 6 wks and 1x 2-hrs field assessment Assessment: casework participation involving assessing a young child with language and/or literacy delays with report and 1x 2000 word report for the child’s parents and teaching staff, with parental permission, (100%).

This unit provides students with an overview of the key issues for school counsellors working with younger children in preschool and primary school settings, and in work with adolescents experiencing academic difficulties, with a specific focus on language and literacy.

EDMT5623
School Psychology 1
Credit points: 6 Teacher/Coordinator: Dr Susan Colmar Session: Semester 1 Classes: 1x 3-hr seminars/wk and 8 hrs assessment experience Assessment: 1x two protocols and reports (60%) and 1x in-class exam (40%)

This unit introduces the student to the principles of assessing children, with a specific focus on key cognitive assessment instruments and Sattler’s multimodal approach to assessment. The relationship between models of intelligence and cognitive assessment techniques is discussed, with particular emphasis placed on the critical evaluation of commonly used individually administered intelligence tests. The multiplicity of factors contributing to successful assessment is emphasised. The principles of standardised testing and the application of competent, ethical, professional use of intelligence tests are taught using current tools such as the Woodcock-Johnson III Test of Cognitive Abilities, Wechsler Scales and the Stanford Binet (5th Ed).

This unit of study focuses on ethical and professional skills for school psychology. The focus is on the components of successful work in schools including areas such as collaborative team-work, techniques for consultation, systematic approaches, and preventative and proactive approaches within school specific contexts and in relation to work with children and adolescents, and their families.

Teaching Area Units
See list under Secondary Year 1 Teaching Area Units

School Counselling Program - Year 2
FOR CONTINUING BTEACH/MTEACH STUDENTS ONLY (XH028)
In the second year, candidates must complete 24 credit points of units of study comprising: - 12 credit points of Core Education units of study; and - 12 credit points of Curriculum and Professional Studies units of study including 6 credit points of Teaching Area units of study.

Core Education Units

EDBT5600
Schools and their Communities
Credit points: 5 Teacher/Coordinator: Dr Helen Proctor Session: Semester 1 Classes: 1x 1-hr lecture/wk for 9 wks and 1x 2-hrs seminar/wk for 9 wks and 1x 3-hr student organised field trip. Prerequisites: EDBT5503 and EDBT5500 and EDBT5502 and one of: EDBT5652, EDBT5654, EDBT5655, EDBT5657, EDBT5658, EDBT5659, EDBT5660, EDBT5661, EDBT5663, EDBT5665, EDBT5667, EDBT5669, EDBT5670, EDBT5672, EDBT5673 OR EDBT5503 and EDBT5500 and EDBT5502 and EDBT5535 and EDBT5536 Assessment: 1 x 1000 wd report (25%) and 1 x 2500 wd report (50%) and 1 x seminar presentation (25%)

This unit investigates the complex and changing nature of school communities. It critically examines the social contexts of schooling and the complex relationships between families and schools and encourages pre-service teachers to consider themselves as part of a professional community. Weekly lectures and seminars address key topics related to the social and community contexts of schooling, the development of professional portfolios and the principles of Action Research. The seminars are organised around discussions and activities, grounded in the required readings and in keeping up to date with current debates about education. The student-organised field trip is designed to encourage students to spend at least three hours exploring an educational community.

EDBT6125
Special Education: Inclusive Schools
Credit points: 3 Teacher/Coordinator: Dr Ilektra Spandagou Session: Semester 1a Classes: 1x 1-hr lecture/wk for 6 weeks and 1x 1-hr tutorial/wk for 6 weeks and 15 hrs fieldwork placement. Prerequisites: EDBT5500 and EDBT5502 and EDBT5503 Assessment: 1x fieldwork report 1250 wds (40%)
and 1x tutorial presentation equiv 500 wds (20%) and 1x behaviour management statement 400 wds (20%)

This unit addresses mandatory requirements to be met by every graduate pre-service teacher. Issues relating to the education of students with a disability will be addressed through working with a student/s with a disability, conducting tutorials that highlight evidence-based practices for working with students with special education needs, and engaging in lectures and tutorials that promote attitudes, knowledge and beliefs that students with disabilities will access and participate in quality education programs.

EDBT6501

Professional Experiences 2

Credit points: 4 Teacher/Coordinator: Dr Di Bloomfield Session: Semester 1, Semester 2 Classes: block (20 days) Prerequisites: EDBT5503 and EDBT5500 and EDBT5502 and one of: EDBT5652, EDBT5654, EDBT5655, EDBT5656, EDBT5657, EDBT5658, EDBT5659, EDBT5660, EDBT5661, EDBT5663, EDBT5665, EDBT5667, EDBT5669, EDBT5670, EDBT5672, EDBT5673 OR EDBT5500 and EDBT5502 and EDBT5535 and EDBT5536 Assessment: 1 x 20 days professional experience (100%)

Note: Department permission required for enrolment in the following sessions: Semester 2.

Students undertake their second Professional Experience of 20 days in a secondary or primary school in a second year of the program. During the practicum students are assigned to one or more Cooperating Teachers in a single discipline area and will be responsible for teaching one or more classes for a total of between 12 and 16 lesson periods per week. The Cooperating Teachers will closely support their work in the school and in discussion with the Tertiary Mentor will be responsible for writing the report on the Professional Experience that will form the basis of the assessment in the enrolled unit of study. Assessment is aligned with the NSW Institute of Teachers Professional Teaching Standards for the Graduate Teacher.

Curriculum and Professional Studies Units

EDBT6623

School Psychology 3

Credit points: 6 Teacher/Coordinator: Dr Susan Colmar Session: Semester 1 Classes: 1 x 3hr seminar/wk Prerequisites: EDBT5623 and EDBT5673 Assessment: 1x presentation and hand-out 3000 words (50%) and 1x pamphlet and resources folder in specified mental health area 3000wds (50%)

This unit of study is designed to introduce the students to issues and concepts related to counselling children and adolescents within the school setting. The focus will be on accurate assessment of the concerns and the development of therapeutic and intervention plans appropriate for the educational environment.

Teaching Area Units

See listing under Secondary Year 2 Teaching Area Units

Master of Teaching (XCO07)

Students who choose to continue to the Master of Teaching in 2011 complete the following units of study in Semester 2:

EDMT6200

Internship

Teacher/Coordinator: Dr Di Bloomfield Session: Semester 1, Semester 2, Semester 2a Classes: block mode (45 days) Prerequisites: 72 cpts (eligible to graduate with the BTeach) and able to progress to the MTeach candidature. Corequisites: EDMT6201 Assessment: 1 x 45 days professional experience (100%)

Note: Department permission required for enrolment in the following sessions: Semester 1, Semester 2.

Students undertake their Internship of at least 40 days (usually 45 days) in the second semester in second year of the program. Students may only be in the Internship in a school or other educational institution which is approved by the Faculty, and must do it in the curriculum area(s) that they have been enrolled in and are conditionally certified to teach in. During the Internship students are assigned to one or more mentor teachers, usually in a single discipline area and will be responsible for teaching one or more classes for a total of between 14 and 17 lesson periods per week. The mentor teacher will monitor the Intern in their work in the school and in discussion with the Tertiary Mentor, will be responsible for writing the report on the Internship that will form the basis of the assessment. Assessment is aligned with the NSW Institute of Teacher’s Professional Teaching Standards for the Graduate Teacher.

EDMT6201

Action Research Project and Conference

Teacher/Coordinator: Dr Di Bloomfield Session: Semester 1, Semester 2, Semester 2b Classes: 1 x 1-day conference Prerequisites: 72 cpts and able to progress to the MTeach candidature Corequisites: EDMT6200 Internship Assessment: 1x 1000wd action research proposal (20%) and 1x 1000wd action research presentation (20%) and 1x 4000 wd action research report (60%)

Note: Department permission required for enrolment.

All candidates for the Master of Teaching degree are required to attend, participate in and submit assigned work for the one- day Post-Internship Conference as the final component of their course. The central focus of this unit of study is on design, implementation and reporting of an independent action research project undertaken by each pass-level candidate during the internship and participation in a professional conference following the internship.

Honours Pathway

Candidates who are eligible for entry into the Honours program must complete the 12 credit points of unit of study listed below instead of EDBT5600/EDMT5600, or EDBT5537/EDMT5537 and EDBT5537, or EDBT6003, and EDBT6201.

EDBT5538

Honours 1

Credit points: 2 Teacher/Coordinator: Prof Gabrielle Meagher Session: Semester 2 Classes: 1 x 2 hr seminar/wk for 6 wks commencing wk 10 Assessment: 1 x 2000 wd essay (80%) and seminar participation (20%)

Note: Department permission required for enrolment.

This unit introduces MTeach Honours students to the concepts and skills they need to research and write their Special Study project in Year 2. Seminars provide an overview of the scope of educational research, including the variety of research topics and approaches to research methodology. Students are introduced to important conceptual and methodological material with discussion of students’ own research ideas and plans. Assessment consists of an essay which aims to help students refine and situate their research question in the context of existing research in their chosen area. By the end of the unit, all students will have been matched with a Supervisor for their Special Study.

EDMT6119

Honours 2

Credit points: 2 Teacher/Coordinator: Prof Gabrielle Meagher Session: Semester 1 Classes: 1 x 2hr seminar/wk for 6 wks beginning wk 0 and 1 x 8hr seminar wk 10 Prerequisites: EDBT5538 Assessment: 1 x 2000 wd essay (60%) and seminar assignments and presentations (40%)

Note: Department permission required for enrolment.

This unit prepares MTeach Honours students for researching and writing their Special Study project. Seminars explore the breadth and diversity of approaches to educational research and are designed to help students think through the relationships between existing research, conceptual frameworks, a research question, methodology, and findings. Assessment consists of a critical literature review, which should be reworked for inclusion in the Special Study report, as well as written and classroom exercises linked to the seminar program. During the unit, students are expected to develop a plan for the conduct of their Special Study, including a detailed account of their proposed research method, and to be consulting regularly with their Special Study supervisor.
EDMT6202
Honours Special Study

Teacher/Coordinator: Prof Gabrielle Meagher  
Session: Semester 1, Semester 2

Classes: 1 x 8hr seminar in wk 3

Prerequisites: (EDBT5538 and EDBT6119) or (EDMT5538 and EDMT6119)

Assessment: 1 x 8000-10000 wd thesis (100%) presentation and participation in seminars, presentation at Post-Internship conference

Note: Department permission required for enrolment.

During this unit, students complete their MTeach Honours Special Study project, working with a supervisor. The report of the Special Study is to be submitted as a thesis of 8000-10000 words (excluding references and appendices). All students are expected to present the results of their Special Study project at the Post-Internship Conference as well as in the Special Study thesis, submitted for assessment.
# Table of Master of Teaching units of study

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<td>EDMT5503 Professional Experiences 1</td>
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<td>Curriculum and Professional Studies</td>
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<td>EDMT5532 Mathematics 1 K-6</td>
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<td>EDMT5533 Teaching in Multilingual Classrooms</td>
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<td>EDMT5534 Human Society and its Environments K-6</td>
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<td>EDMT5535 Creative Arts K-6</td>
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<td>EDMT5535 Science and Technology K-6</td>
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<td>EDMT5536 Personal Development, Health &amp; PE K-6</td>
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<td>EDMT5537 Special Interest Unit 1</td>
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<td><strong>Primary Program - Year 2</strong></td>
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<td>FOR CONTINUING BTEACH/MTEACH STUDENTS ONLY (XH028)</td>
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<tr>
<td>In the second year, candidates must complete 24 credit points of units of study comprising:</td>
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<tr>
<td>- 12 credit points of Core Education units of study; and</td>
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<tr>
<td>- 12 credit points of Curriculum and Professional Studies units of study.</td>
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<td>EDBT6125 Special Education: Inclusive Schools</td>
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<td>EDBT5502 and EDBT5503</td>
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<td>EDBT6501 Professional Experiences 2</td>
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<td>EDBT6531 English 2 K-6</td>
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<td>EDBT6532 Mathematics 2 K-6</td>
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<td>EDBT6533 Linkages Across the Curriculum K-6</td>
<td>2</td>
<td>P EDBT5500 and EDBT5502 and EDBT5503</td>
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<tr>
<td>EDBT6537 Special Interest Unit 2</td>
<td>2</td>
<td>P EDBT5537 and EDBT5500</td>
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<td>Semester 2</td>
<td></td>
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</table>
### Master of Teaching (XC007)

Students who choose to continue to the Master of Teaching in 2011 complete the following units of study in Semester 2:

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDMT6200 Internship</td>
<td>P 72 cpts (eligible to graduate with the BTeach) and able to progress to the MTeach candidature. C EDMT6201</td>
<td>Note: Department permission required for enrolment in the following sessions: Semester 1, Semester 2.</td>
<td></td>
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<td></td>
<td>Semester 1, Semester 2, Semester 2a</td>
</tr>
<tr>
<td>EDMT6201 Action Research Project and Conference</td>
<td>P 72 cpts and able to progress to the MTeach candidature</td>
<td>C EDMT6200 Internship</td>
<td>Note: Department permission required for enrolment</td>
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<td></td>
<td>Semester 1, Semester 2, Semester 2b</td>
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</table>

### Early Childhood Program - Year 1

In the first year, candidates must complete 48 credit points of units of study comprising:

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDMT5626 Teaching &amp; Learning in Early Childhood 1</td>
<td>8</td>
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<tr>
<td>EDMT5550 Language Arts in Early Childhood</td>
<td>4</td>
<td>Semester 1</td>
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<tr>
<td>EDMT5551 Mathematics in Early Childhood</td>
<td>4</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDMT5561 Early Childhood Settings &amp; Communities</td>
<td>4</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDMT5560 Early Childhood Protective Environments</td>
<td>4</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDMT5123 Teaching &amp; Learning in Early Childhood 2</td>
<td>4</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDMT5555 Creative Arts in Early Childhood</td>
<td>4</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDMT5556 Health and Wellness in Early Childhood</td>
<td>4</td>
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</tr>
<tr>
<td>EDMT5557 Early Childhood Prof Experience 1</td>
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<tr>
<td>EDMT5558 Science in Early Childhood</td>
<td>4</td>
<td>Semester 2</td>
</tr>
<tr>
<td>EDMT5559 Diversity &amp; Inclusion in Early Childhood</td>
<td>2</td>
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<tr>
<td>EDMT5124 Special Interest Early Childhood 1</td>
<td>2</td>
<td>Semester 2</td>
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</tbody>
</table>

### Early Childhood Program - Year 2

In the second year, candidates must complete 24 credit points of Curriculum and Professional studies units of study comprising:

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>EDBT5552 Sociocultural Learning - Early Childhood</td>
<td>4</td>
<td>Semester 1</td>
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<tr>
<td>EDBT6502 Early Intervention in Early Childhood</td>
<td>4</td>
<td>Semester 1</td>
</tr>
<tr>
<td>EDBT6503 Curriculum Development and Models in EC</td>
<td>4</td>
<td>Semester 1</td>
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<tr>
<td>EDBT6504 Administration in Early Childhood</td>
<td>4</td>
<td>Semester 1</td>
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<tr>
<td>EDBT6501 Partnering with Families in EC Settings</td>
<td>2</td>
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<tr>
<td>EDBT6503 Special Interest Early Childhood 2</td>
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<tr>
<td>EDBT6502 Early Childhood Prof Experience 2</td>
<td>4</td>
<td>Semester 1</td>
</tr>
</tbody>
</table>

### Master of Teaching (XC007)

Students who choose to continue to the Master of Teaching in 2011 complete the following units of study in Semester 2:

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDMT6200 Internship</td>
<td>P 72 cpts (eligible to graduate with the BTeach) and able to progress to the MTeach candidature. C EDMT6201</td>
<td>Note: Department permission required for enrolment in the following sessions: Semester 1, Semester 2.</td>
<td></td>
<td></td>
<td></td>
<td>Semester 1, Semester 2, Semester 2a</td>
</tr>
<tr>
<td>EDMT6201 Action Research Project and Conference</td>
<td>P 72 cpts and able to progress to the MTeach candidature</td>
<td>C EDMT6200 Internship</td>
<td>Note: Department permission required for enrolment</td>
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<td>Semester 1, Semester 2, Semester 2b</td>
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### Secondary Program - Year 1

In the first year, candidates must complete 48 credit points of units of study comprising:

- 20 credit points of Core Education units of study; and
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<th>Unit of study</th>
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<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
<th>N: Prohibition</th>
<th>Session</th>
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<tr>
<td><strong>Core Education Units</strong></td>
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<tr>
<td>EDMT5500 Introduction to Teaching and Learning</td>
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<tr>
<td>EDMT5501 Information Technology in Education</td>
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<tr>
<td>EDMT5502 Teachers &amp; Learners: School Communities</td>
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<td>P EDMT5500</td>
<td>EDMT5503</td>
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<tr>
<td>EDMT5503 Professional Experiences 1</td>
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<td>P EDMT5500 AND one of: EDMT5602, EDMT5604, EDMT5605, EDMT5607, EDMT5608, EDMT5609, EDMT5610, EDMT5611, EDMT5613, EDMT5617, EDMT5619, EDMT5622, EDMT5623; OR EDMT5500 and EDMT5532 and EDMT5531</td>
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</tr>
<tr>
<td><strong>Curriculum and Professional Studies Units</strong></td>
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<tr>
<td>EDMT5601 Professional Studies 1 (Options)</td>
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<tr>
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<tr>
<td>EDMT5627 Commerce/Business Studies Curriculum 1</td>
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<tr>
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<td>EDMT5662 Languages Curriculum 2 (Additional)</td>
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<td>EDMT5614 Mathematics Curriculum 1 (Extension)</td>
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<td>P: Prerequisites</td>
<td>C: Corequisites</td>
<td>N: Prohibition</td>
<td>Session</td>
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<td>EDMT5669 HSIE Curriculum 2</td>
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<td>Semester 1b</td>
</tr>
</tbody>
</table>

Secondary Program - Year 2

CONTINUING BTEACH/MTEACH STUDENTS ONLY (XH028)

In the second year, candidates must complete 24 credit points of units of study comprising:

- 12 credit points of Core Education units of study; and
- 12 credit points of Teaching Area units of study.

### Core Education Units

<table>
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<tr>
<th>EDBT6500 Schools and their Communities</th>
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<th>Semester 1</th>
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<tr>
<td>EDBT6501 Special Education: Inclusive Schools Professional Experiences 2</td>
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<td>EDBT6502 Art Curriculum 3</td>
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<td>EDBT6503 Art Curriculum 3 (Extension)</td>
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<tr>
<td>EDBT6610 Classical Hebrew &amp; Judaism Curriculum 3</td>
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<tr>
<td>EDBT6627 Commerce/Business Studies Curriculum 3</td>
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<tr>
<td>EDBT6605 Commerce/Economics Curriculum 3</td>
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<tr>
<td>EDBT6604 Drama Curriculum 3</td>
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<tr>
<td>EDBT6606 HSIE/Legal Studies Curriculum 3</td>
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<tr>
<td>EDBT6605 HSIE/Society and Culture Curriculum 3</td>
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<td>EDBT6613 Mathematics Curriculum 3</td>
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<td>EDBT6614 Mathematics Curriculum 3 (Extension)</td>
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## Master of Teaching (XC007)

Students who choose to continue to the Master of Teaching in 2011 complete the following units of study in Semester 2:

### School Counselling Program - Year 1

In the first year, candidates must complete 48 credit points of units of study comprising:

- 20 credit points of Core Education units of study; and
- 28 credit points of Curriculum and Professional Studies units of study including 12 credit points of Teaching Area units of study.

### Core Education Units

<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>Assumed knowledge</th>
<th>Prerequisites</th>
<th>Corequisites</th>
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<tr>
<td>EDMT5500 Introduction to Teaching and Learning</td>
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<tr>
<td>EDMT5502 Teachers &amp; Learners: School Communities</td>
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<tr>
<td>EDMT5509 School Psychology Practicum</td>
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### Curriculum and Professional Studies Units

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### Core Education Units

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### Curriculum and Professional Studies Units

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<td>EDBT5503 and EDBT5502 and EDBT5535 and EDBT5536</td>
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### Teaching Area Units

See listing under Secondary Year 2 Teaching Area Units

### Master of Teaching (XC007)

Students who choose to continue to the Master of Teaching in 2011 complete the following units of study in Semester 2;
<table>
<thead>
<tr>
<th>Unit of study</th>
<th>Credit points</th>
<th>A: Assumed knowledge</th>
<th>P: Prerequisites</th>
<th>C: Corequisites</th>
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<th>Session</th>
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<tbody>
<tr>
<td>EDMT6200 Internship</td>
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<td>P 72 cpts (eligible to graduate with the BTeach) and able to progress to the MTeach candidacy.</td>
<td>Note: Department permission required for enrolment in the following sessions: Semester 1, Semester 2</td>
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<tr>
<td>EDMT6201 Action Research Project and Conference</td>
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<td>P 72 cpts and able to progress to the MTeach candidature</td>
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<td>EDMT5538 Honours 1</td>
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<tr>
<td>EDMT6119 Honours 2</td>
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<td>EDMT6202 Honours Special Study</td>
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Master of Social Work (Qualifying)

Candidates must complete 96 credit points of units of study, comprising: 78 credit points of core units, including a capstone unit; and 18 credit points of elective units, including a minimum of one research unit.

Core Units
Candidates must complete the following core units of study;

SCWK5010 Social Work Practice
Credit points: 6 Teacher/Coordinator: Dr Rosalie Pockett Session: Semester 1 Classes: 1x3hr seminar/week Assessment: 1x Class Presentation (15%) and 1x assessment report 2000wds (35%) and 1x major essay 3000wds (50%)

This unit of study emphasises applied learning and provides opportunities to engage with and develop reflexive practice. Students will develop an understanding of theory/practice relationships, social work values and ethical practice. Students will also develop an understanding of professional practice and begin to develop their identity as social workers using the professional Code of Ethics and Practice Standards. Recognising and building upon skills and knowledge they already have, students will develop capabilities in core social work practice skills which can be used in all fields of practice. The unit of study is undertaken prior to Field Learning 1 and provides significant exposure to practice situations and issues.

SCWK5009 Poverty and Social Exclusion
Credit points: 6 Teacher/Coordinator: Dr Susan Goodwin Session: Semester 1 Classes: 1x3hr seminar/week Assessment: in class exam (20%) and group presentation (20%) and 1x750wd briefing note (15%) and 1x2000wd policy essay (45%)

Social workers work with individuals, families and communities experiencing poverty and other forms of social exclusion. This unit introduces the historical and contemporary role of social work in assessing and addressing poverty, inequality and social disadvantage. The significance of theories of social justice, social welfare and social change is explored. Students will develop policy analysis and policy development skills, and engage critically with policy and practice responses to poverty and social exclusion at local, national and global levels. Particular attention is paid to those groups in Australian society most affected by poverty and social exclusion.

SCWK5008 Child Wellbeing and Child Protection
Credit points: 6 Teacher/Coordinator: Ms Denise Lynch Session: Semester 1 Classes: 1x3hr seminar/week Assessment: 1x1500wd seminar discussion leadership (30%) and 1x1000wd child protection assessment plan (15%) and 1x 2000wd child protection assessment report (35%) and 1x1500wd in class exam (20%)

This unit addresses the range of factors from poverty to positive parenting that contributes to safe, healthy and happy childhoods. This means addressing sociological and psychological aspects of childhood and current International and Australian literature. This unit of study introduces students to the theories and definitions of child abuse and neglect as well as the psychological and social consequence of child abuse and neglect. Within this unit emphasis is given to the ethical and legal responsibilities of practitioners as mandatory reporters of child abuse and neglect.

SCWK5004 Practice Learning 1
Credit points: 18 Teacher/Coordinator: Ms Roslyn Giles, Professor Barbara Fawcett Session: Semester 2 Classes: 6x3hr seminar fortnightly Assessment: SCWK5010 Assessment: 1x1000wd group presentation with written report (20%) and 1x2000wd critical reflective essay (40%) and 1x1000wd mid placement portfolio (20%) and 1x1000wd end of placement report (20%) and 60 days agency based practice (pass/fail) Practical field work: 60 days agency field based placement

Field education is a core component in all social work degree programs. The 60 days of this first placement, the fortnightly classes and peer support and accountability groups provide a forum in which to explore issues concerning the integration of practice and theory, the development of core social work practice knowledge, skills and values as well as opportunities for support and consultation with other students and Faculty staff. Written assignments and oral presentations allows students to demonstrate their placement learning.

SCWK5005 Practice Learning 2A
Credit points: 12 Teacher/Coordinator: Ms Roslyn Giles, Dr Fran Waugh Session: Semester 1, Semester 2 Classes: 4x3hr seminar fortnightly and eLearning online discussions Prerequisites: SCWK5010 and SCWK5004 and 12 credit points from the Master of Social Work (Qualifying) program Assessment: 1x1000wd learning contract (25%) and 1x1000wd group workshop (25%) and 1x500wd journal report (25%) and 1x1000wd mid placement report (25%) and 53 days placement (pass/fail) Practical field work: 53 days agency based field placement

Field Education is a core component in all social work degree programmes. The 80 days of second placement comprising of SCWK5005 Practice Learning 2A and SCWK5006 Practice Learning 2B, the fortnightly classes and peer support and accountability groups provide a forum in which to explore issues concerning the integration of practice and theory, the development of core advanced social work practice knowledge, skills and values as well as opportunities for support and consultation with other students and Faculty staff. Written assignments and oral presentations allow students to demonstrate their placement learning.

SCWK5006 Practice Learning 2B
Credit points: 6 Teacher/Coordinator: Ms Roslyn Giles, Dr Fran Waugh Session: Semester 1, Semester 2 Classes: 2x 3hr seminars and eLearning online discussion Prerequisites: SCWK5005 Assessment: 1x1000wd end of placement report (25%) and 1x2500wd essay (50%) and 1x1500wd placement portfolio (25%) and 17 days agency placement (pass/fail) Practical field work: 17 days agency placement

This unit is a continuation of SCWK5005 Practice Learning 2A. Students will attend their allocated field placement agency 9 days per fortnight for 17 days. In addition they will attend two 3 hour seminars fortnightly based over the period of placement. This unit will be supported by an interactive eLearning

SCWK5007 Social Perspectives on Ageing
Credit points: 6 Teacher/Coordinator: Dr Ruth Phillips Session: Semester 2 Classes: 1x3hr seminar/week Assessment: 1x1500wd seminar research presentation (15%) and 1x1000wd group presentation (35%) and 1x3500wd major essay (50%)

This unit of study aims to collapse the boundaries between 'them' (old people) and 'us' (everyone else) by examining how age is historically and socially constructed and experienced. The unit will examine social policies and social work practices and skills in relation to old people,
their families and communities, with particular emphasis on diversity and inequality.

Elective Units
Candidates must complete 18 credit points from the elective units of study listed below, including a minimum of one research unit.

SCWK6943 Practice: Theory Development
Credit points: 6 Teacher/Coordinator: Ms Denise Lynch Session: Semester 1 Classes: block mode - 4 x 6 hr seminar Assessment: 1 x 1000wd presentation (20%) and 1 x 5000wd essay (80%)

Students will have the opportunity to examine current practices and practice theories in light of competing ideas espoused and employed in social work and community services. This unit will take an interdisciplinary approach to professional practice issues. It aims for the development of knowledge for reflexive practice in contemporary sites of social work and community services endeavours.

SCWK6944 Death, Dying and Mourning
Credit points: 6 Teacher/Coordinator: Dr Lindsay Napier Session: Semester 1 Classes: on-line Assessment: 6 x 500wd postings (30%) and participation (10%) and 1 x 3000wd essay (60%)
The purpose of this unit of study is to introduce students to the various, often competing discourses both constituting and challenging notions of self around death, dying and mourning. An important focus is sociological approaches to these issues as they reflect broader cultural understanding of such issues as community relations and continuity, sex and sexuality, disease, stigma and social control. This unit is also available as a single unit of study to professionals who wish to undertake this as a stand-alone unit.

SCWK6902 Social Research
Credit points: 6 Teacher/Coordinator: Dr Margot Rawsthorne Session: Semester 1 Classes: 1 x 2hr seminar/week - evening Assessment: 1 x 2000wd class presentation (35%) and 1 x 4000wd research proposal (65%)

This unit of study introduces students to a range of research methods and focus on quantitative and qualitative methods. Many other research issues in developing a research proposal will be addressed through the semester. It is intended that, at the conclusion of this unit, students will have developed a research project able to implement through either further study or in workplaces. It will include a focus on research in relation to violence against women and children.

SCWK6948 Social Policy Frameworks
Credit points: 6 Teacher/Coordinator: Dr Sue Goodwin Session: Semester 1 Classes: 2hr seminar/week - evening Assessment: 1 x 2000wd essay proposal and presentation (40%) and 1 x 4000wd major essay (60%)

This unit aims to provide students with a sound understanding of the key institutional components of the Australian welfare system and the key issues and debates associated with the theory and practice of contemporary social policy. The target audience for this unit includes participants from a diverse range of organisations involved in human service provision. All human service work takes place in the context of social policy: social policy provides the mandate and the resources for human service work, and the activities of workers are extensively defined and shaped by social policy. In turn, human service workers are increasingly involved in the shaping of policy, or policy action. The rationale for this unit is to provide an opportunity for students to develop an advanced understanding of social policy frameworks in order to inform policy action.

SCWK6914 Group Work
Credit points: 6 Teacher/Coordinator: Ms Agi O'Hara Session: Semester 2 Classes: block mode - 4 x 6hr seminar Assessment: 4 weeks reflections

This unit provides theoretical foundations of group work processes. The sessions are interactive, using role-plays and demonstrations to provide opportunity for experimental learning of the information being presented. The sessions are developmentally structured such that later sessions build on knowledge acquired from earlier sessions. Topics to be covered include: context for group work; goals; hidden agendas; communication in groups; models of group development; leadership styles; co-leading; group task versus group maintenance; group membership; role differentiation; group norms; group process and dynamics; use of power in groups; trust; cohesion; managing conflict in groups; mediation; intervention strategies; focal conflict model; pre-group procedures; group programme design and ethics of group work practice.

SCWK6910 Community Work Policy and Practice
This unit of study is not available in 2011
Credit points: 6 Teacher/Coordinator: Dr Margot Rawsthorne Session: Semester 2 Classes: 4 x 6 hr meetings Assessment: presentation and community work essay

In this unit we will examine community work in Australian and international contexts. We will critically examine the philosophical underpinnings of community work and the historical development of community work practices. We will consider a range of approaches to community work policy and practice including community service, community capacity building and community activism. Issues in, and practical strategies for, evaluating community work practice will also be looked at. This unit will also include a focus on community work in relation to violence against women and children.

SCWK5901 Domestic Violence: Australian Responses
This unit of study is not available in 2011
Credit points: 6 Teacher/Coordinator: Dr Lesley Laing Session: Semester 2 Classes: 13 wks x 2 hrs Assessment: tutorial presentation and paper; major essay (5000 words)

This unit will critically review Australian responses to violence against women over the past quarter century and identify emerging issues and debates. It will include comparative analysis of criminal and civil law responses to domestic violence and an exploration of the claims of restorative justice approaches. It will address critical debates about the function and role of legislation and policy in the construction of domestic violence as a social problem and critique selected policy and practice responses. This unit will also examine both the representation and impact of an increasing awareness of the impact of domestic violence on children and young people.

SCWK6920 Mental Health Practice Standards
Credit points: 6 Teacher/Coordinator: Professor Barbara Fawcett Session: Semester 2 Classes: on-line Assessment: Participation (15%); and 1 case study re. two practice standards (35%); and 1 academic essay (50%)

This unit of study focuses on: the National Practice Standards; the theoretical underpinnings; the policy framework; the implications for practice; multi-disciplinary and multi-agency working; mental health workforce issues (e.g. stress in the workplace advocacy); Mental Health Workforce new skills development and the multidisciplinary health context. This unit is also available as a single unit of study to professionals who wish to undertake this as a stand-alone unit.

SCWK6949 Global Social Policy
Credit points: 6 Teacher/Coordinator: Dr Ruth Phillips Session: Semester 2 Classes: 2hr seminar/week - evening Assessment: tutorial presentation and paper (40%); and global social policy research exercise (60%)

There is a well-established scholarship and governmental interest in both the impact of globalisation on social policy and the emergence of what is increasingly termed ‘global social policy’ which is a direct
response to global social problems. It is a field that is growing in the areas of social policy and social work research and practice and can be clearly linked to increased employment opportunities for social workers and social policy graduates in the international/global arena. A key perspective of this unit of study is from non-government organisations’ participation in the development of a global civil society and their contribution to global social policy. It also examines the United Nations Millennium Development Goals and how NGOs have contributed to both the ambitions of the goals as well as the outcomes for different countries. This unit provides opportunities for students to deepen their understanding and knowledge of core global concerns such as poverty, health, education, environment, NGO corporate engagement and gender equality and make links to the vital role of NGOs in these areas.

SCWK6918
Debates in Human Services Management
Credit points: 6 Teacher/Coordinator: Dr Rosale Pockett Session: Semester 2 Classes: block mode - 4x6hr seminar Assessment: 1x2000wd class presentation (35%) 1x4000wd essay (65%)

This unit targets social workers and other human service professionals who are thinking about moving into leadership and management positions. It will aim to help practitioners identify the skill sets that are needed to make this transition effectively. The course will also aim to encourage reflection and understanding of individual leadership styles and abilities and how they may be used effectively within their organisation context. The content will be based on in depth understandings of professional practice and the desire to identify career opportunities that are compatible with both professional goals and those developed as part of organisational career development plans.

SCWK6908
Authorised Independent Study and Report
Credit points: 6 Teacher/Coordinator: Dr Margot Rawsthorne Session: Semester 1, Semester 2 Classes: independent study - meet with supervisor 3 times Assessment: 1x1000wd proposal (20%) and 1x5000wd research essay (80%)
Note: Department permission required for enrolment.

This unit of study is designed to provide students with the opportunity to undertake in-depth, guided study with a supervisor. Students must initially develop a short proposal and discuss this with the unit coordinator. A suitable supervisor will then be appointed to work intensively with students, providing the opportunity to explore up-to-date Australian and international literature on theoretical and practice issues of interest to the student. Approval from coordinator is required prior to enrolling in this unit.

Capstone unit
Candidates must complete the capstone unit in their final semester;

SCWK5003
Integration of Learning
Credit points: 6 Teacher/Coordinator: Dr Rosale Pockett Session: Semester 2 Classes: 2x2hr seminar/week, individual supervision with coordinator and 1xday course showcase Prerequisites: 90 credit points including SCWK6902 Assessment: 1x1000wd poster plan (25%) and 1x5000wd visual and oral poster presentation (75%)

This unit enables students to demonstrate their learning across all MSW (Q) units and contribute to knowledge building and practice in the profession. Material will be of a standard for publication and dissemination through conferences, journals and other professional fora.
# Table of Master of Social Work (Qualifying) units of study

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<thead>
<tr>
<th>Unit of study</th>
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<td>- 18 credit points of elective units, including a minimum of one research unit.</td>
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<td>SCWK5005 Practice Learning 2A</td>
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<td>SCWK5010 and SCWK5004 and 12 credit points from the Master of Social Work (Qualifying) program</td>
<td>Semester 1 Semester 2</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>SCWK5006 Practice Learning 2B</td>
<td>6</td>
<td>SCWK5005</td>
<td></td>
<td></td>
<td></td>
<td>Semester 1 Semester 2</td>
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<tr>
<td>SCWK5007 Social Perspectives on Ageing</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td><strong>Elective Units</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Candidates must complete 18 credit points from the elective units of study listed below, including a minimum of one research unit.</td>
<td></td>
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<tr>
<td>SCWK6943 Practice: Theory Development</td>
<td>6</td>
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<td></td>
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<td></td>
<td>Semester 1</td>
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<tr>
<td>SCWK6944 Death, Dying and Mourning</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>SCWK6902 Social Research</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>SCWK6948 Social Policy Frameworks</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Semester 1</td>
</tr>
<tr>
<td>SCWK6914 Group Work</td>
<td>6</td>
<td></td>
<td></td>
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<tr>
<td>SCWK6910 Community Work Policy and Practice</td>
<td>6</td>
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<td></td>
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<tr>
<td>This unit of study is not available in 2011</td>
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<td>SCWK5901 Domestic Violence: Australian Responses</td>
<td>6</td>
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<td>Semester 2</td>
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<tr>
<td>This unit of study is not available in 2011</td>
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<tr>
<td>SCWK6920 Mental Health Practice Standards</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td>SCWK6949 Global Social Policy</td>
<td>6</td>
<td></td>
<td></td>
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<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td>SCWK6918 Debates in Human Services Management</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td>SCWK6908 Authorised Independent Study and Report</td>
<td>6</td>
<td>Note: Department permission required for enrolment</td>
<td></td>
<td></td>
<td></td>
<td>Semester 1 Semester 2</td>
</tr>
<tr>
<td><strong>Capstone unit</strong></td>
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<tr>
<td>Candidates must complete the capstone unit in their final semester;</td>
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<tr>
<td>SCWK5003 Integration of Learning</td>
<td>6</td>
<td></td>
<td>SCWK5002</td>
<td></td>
<td></td>
<td>Semester 2</td>
</tr>
</tbody>
</table>
Resolutions of the Senate

1 Degrees, diplomas and certificates of the Faculty of Education and Social Work

(1) With the exception of the Doctor of Education, the Doctor of Letters in Education, the Doctor of Letters in Social Work and the Doctor of Philosophy, the Senate, by authority of the University of Sydney Act 1989 (as amended), provides and confers the following degrees, diplomas and certificates, according to the rules specified by the Faculty of Education and Social Work. The Doctor of Education, the Doctor of Letters in Education, the Doctor of Letters in Social Work and the Doctor of Philosophy are provided and conferred according to the rules specified by the Senate and the Academic Board.

(2) This list is amended with effect from 1 January, 2011. Degrees, diplomas and certificates no longer open for admission will be conferred by the Senate according to the rules previously specified by the Faculty.

2 Degrees

<table>
<thead>
<tr>
<th>Code</th>
<th>Course title &amp; stream</th>
<th>Abbreviation</th>
<th>Credit points</th>
</tr>
</thead>
<tbody>
<tr>
<td>XA001</td>
<td>Doctor of Letters in Education</td>
<td>DLittEd</td>
<td></td>
</tr>
<tr>
<td>ZA002</td>
<td>Doctor of Letters in Social Work</td>
<td>DLittSW</td>
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<tr>
<td>XB001</td>
<td>Doctor of Education</td>
<td>EdD</td>
<td></td>
</tr>
<tr>
<td>XB000</td>
<td>Doctor of Philosophy</td>
<td>PhD</td>
<td>Research</td>
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<td>ZB001</td>
<td>Doctor of Social Work</td>
<td>DSW</td>
<td>Research</td>
</tr>
<tr>
<td>XC081</td>
<td>Master of Education (Research)</td>
<td>MEd(Research)</td>
<td>Research</td>
</tr>
<tr>
<td>XC009</td>
<td>Master of Philosophy in Education</td>
<td>MPhilEd</td>
<td>Research</td>
</tr>
<tr>
<td>ZC081</td>
<td>Master of Philosophy in Social Work</td>
<td>MPhilSW</td>
<td>Research</td>
</tr>
<tr>
<td>XC030</td>
<td>Master of Education</td>
<td>MEd</td>
<td>48</td>
</tr>
<tr>
<td>XC032</td>
<td>Master of Learning Science and Technology</td>
<td>MLS&amp;T</td>
<td>48</td>
</tr>
<tr>
<td>XC031</td>
<td>Master of Policy Studies</td>
<td>MPS</td>
<td>48</td>
</tr>
<tr>
<td>ZC031</td>
<td>Master of Social Work</td>
<td>MSW</td>
<td>48</td>
</tr>
<tr>
<td>ZC033</td>
<td>Master of Social Work (Qualifying)</td>
<td>MSW(Q)</td>
<td>96</td>
</tr>
<tr>
<td>XC034</td>
<td>Master of Teaching ^</td>
<td>MTeach</td>
<td>96</td>
</tr>
<tr>
<td>XH033</td>
<td>Bachelor of Education (Early Childhood) ^</td>
<td>BEd(Early Childhood)</td>
<td>192</td>
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<tr>
<td>XH034</td>
<td>Bachelor of Education (Primary) ^</td>
<td>BEd(Primary)</td>
<td>192</td>
</tr>
<tr>
<td>XH032</td>
<td>Bachelor of Education (Secondary: Human Movement and Health Education) ^</td>
<td>BEd(Sec:(HMHE))</td>
<td>192</td>
</tr>
<tr>
<td>XH018</td>
<td>Bachelor of Education (Secondary: Aboriginal Studies)</td>
<td>BEd(Sec:Aboriginal)</td>
<td>192</td>
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<tr>
<td>ZH001</td>
<td>Bachelor of Social Work ^</td>
<td>BSW</td>
<td>192</td>
</tr>
</tbody>
</table>

^may be awarded with honours in an integrated program.

3 Combined degrees

<table>
<thead>
<tr>
<th>Code</th>
<th>Course title &amp; stream</th>
<th>Abbreviation</th>
<th>Credit points</th>
</tr>
</thead>
<tbody>
<tr>
<td>DH019</td>
<td>Bachelor of Arts^ and Bachelor of Social Work^</td>
<td>BA,BSW</td>
<td>240</td>
</tr>
<tr>
<td>XH029</td>
<td>Bachelor of Education (Secondary: Humanities and Social Sciences)^ and Bachelor of Arts^</td>
<td>BEd(Sec:HumSocSc),BA</td>
<td>240</td>
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<tr>
<td>XH031</td>
<td>Bachelor of Education (Secondary: Mathematics)^ and Bachelor of Science^</td>
<td>BEd(Sec:Maths),BSc</td>
<td>240</td>
</tr>
<tr>
<td>XH030</td>
<td>Bachelor of Education (Secondary: Science)^ and Bachelor of Science^</td>
<td>BEd(Sec:Science),BSc</td>
<td>240</td>
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</tbody>
</table>

^may be awarded with honours following a further year of study.
^may be awarded with honours in an integrated program.

4 Graduate diplomas

<table>
<thead>
<tr>
<th>Code</th>
<th>Course title</th>
<th>Abbreviation</th>
<th>Credit points</th>
</tr>
</thead>
<tbody>
<tr>
<td>XF005</td>
<td>Graduate Diploma in Educational Studies</td>
<td>GradDipEdStudies</td>
<td>36</td>
</tr>
<tr>
<td>XF009</td>
<td>Graduate Diploma in Learning Science and Technology</td>
<td>GradDiplLS&amp;T</td>
<td>36</td>
</tr>
<tr>
<td>XF007</td>
<td>Graduate Diploma in Policy Studies</td>
<td>GradDipPS</td>
<td>36</td>
</tr>
</tbody>
</table>

^To view the latest updates, or to purchase or search a handbook, please visit the website: sydney.edu.au/handbooks
Resolutions of the Faculty of Education and Social Work for coursework awards

These resolutions apply to all undergraduate and postgraduate coursework award courses in the Faculty, unless specifically indicated otherwise. Students enrolled in postgraduate research awards should consult the resolutions for their course. These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2010 (the ‘Coursework Rule’), the resolutions for the course of enrolment, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.

Part 1: Course enrolment

1 Enrolment restrictions

Except with the permission of the Dean, a student may not enrol in units of study with a total value of more than 24 credit points in either Semester 1 or 2.

2 Time limits

(1) A student must complete all the requirements for a bachelor’s degree (including combined degrees) within eight calendar years of first enrolment.
(2) A student must complete all the requirements for a graduate certificate within two calendar years of first enrolment.
(3) A student must complete all the requirements for a graduate diploma within three calendar years of first enrolment.
(4) A student must complete all the requirements for a 48 credit point master’s degree, or the Master of Teaching, within four calendar years of first enrolment.
(5) A student must complete all the requirements for all other 96 credit point master’s degrees within six calendar years of first enrolment.
(6) Periods of suspension, exclusion or lapsed candidature will be added to maximum completion times except that no completion time will exceed ten years from first enrolment.

3 Suspension, discontinuation and lapse of candidature

The Coursework Rule specifies the conditions for suspending or discontinuing candidature, and return to candidature after these events. The Rule also defines the circumstances when candidature is deemed to have lapsed. Students should pay careful attention to the significant dates in these processes and their effect on results and financial liability.

4 Credit for previous study

(1) Unless the course resolutions specify differently, credit for previous study is governed in accordance with the Coursework Rule. In the Faculty of Education and Social Work, credit will not be granted for units of study or equivalent work completed:
   (a) more than 50% of the award total;
   (b) more than five years prior to admission to candidature for the Bachelor of Education or Bachelor of Education in a combined degree course;
   (c) more than six years prior to admission to candidature for a postgraduate coursework course; and
   (d) more than nine years prior to admission to candidature for the Bachelor of Social Work.
(2) The Faculty will not grant credit towards field education, internships, or work experience units of study.

Part 2: Unit of study enrolment

5 Cross-institutional study

(1) Provided permission has been obtained in advance, the Dean may permit a student to complete a unit of study at another institution and have that unit credited to the student’s course requirements, provided that:
   (a) the unit of study content is not taught in any corresponding unit of study at the University; or
   (b) the student is unable, for good reason, to attend a corresponding unit of study at the University.
(2) Cross-institutional study is regarded as another form of credit and will be counted as such when considering eligibility.
Part 3: Studying and Assessment

6 Attendance

(1) Students are required to be in attendance at the correct time and place of any formal or informal examinations. Non attendance on any grounds insufficient to claim special consideration will result in the forfeiture of marks associated with the assessment. Participation in a minimum number of assessment items may be included in the requirements specified for a unit of study.

(2) Students are expected to attend a minimum of 90% of timetabled activities for a unit of study, unless granted exemption by the Dean. The Dean may determine that a student fails a unit of study because of inadequate attendance.

7 Late submission policy

(1) It is expected that unless an application for special consideration or simple extension has been approved, students will submit all assessment for a unit of study on the due date specified. If the assessment is completed or submitted within the period of extension, no academic penalty will be applied to that piece of assessment.

(2) If an extension is either not sought, not granted or is granted but work is submitted after the extended due date, the late submission of assessment will result in an academic penalty as follows:

(a) For work submitted after the deadline up to 1 day late, a penalty of 5 per cent of the maximum mark awardable for the assignment will apply, and for each day late thereafter, penalty increases by 5 per cent per day

(b) Work submitted more than six days after the deadline will not be assessed (fail).

8 Special consideration for illness, injury or misadventure

Special consideration is a process that affords equal opportunity to students who have experienced circumstances that adversely impact their ability to adequately complete an assessment task in a unit of study. The Coursework Rule provides full details of the University policy.

9 Concessional pass

In this Faculty the grade PCON (Concessional Pass) is not awarded.

10 Re-assessment

(1) The Faculty does not offer opportunities for re-assessment other than on the grounds of approved special consideration, unless the student is prevented from graduating as a result of one failed assignment in one unit of study. Professional experience/field education units of study are excluded from this provision.

(2) Students who have successfully requested special consideration may be allowed to sit the exam or submit the required work at a negotiated date that should not be longer than the period of incapacitation and in any case not longer than 3 months after the original examination or submission date. After this time the student will be considered to have discontinued with permission. Marks will be awarded at full value for re-assessment where special consideration is approved.

Part 4: Progression, Results and Graduation

11 Satisfactory progress

(1) The Faculty will monitor students for satisfactory progress towards the completion of their award course. In addition to the common triggers used to identify students not meeting academic progression requirements (as defined by the Progression requirements of the Coursework Rule), students must pass any unit of study identified in the course resolutions as being critical to progression through the course.

(2) Professional experience or field education is an essential requirement for some courses. Where so prescribed, a candidate may not progress to the next year without completing the prescribed professional experience or field education units of study for the previous year.

(3) The Faculty reserves the right not to place candidates in a school or other professional experience or field education setting for practicum in any instance where the performance, personal or professional conduct of the candidate does not meet the required professional standard, regardless of the fact that the candidate may be enrolled in units of study with a practicum requirement.

12 Award of the bachelor's degree with honours

(1) Unless the course resolutions specify differently, to qualify for admission to the honours degree a student must:

(a) have completed the requirements for progression into fourth year of the degree; and

(b) have a WAM of at least 75 across second and third year units (with third year weighted double), excluding junior and professional experience units; and

(c) have the approval of the coordinator or program director of the honours program.

(2) General conditions of candidature include that candidates must complete the requirements of the honours program whilst enrolled full-time over two consecutive semesters.

(3) To qualify for the award of honours a student must:

(a) complete the specified units of study as set out in the Table of Units of Study; and

(b) obtain an Honours WAM (HWAM) of at least 70.

(4) The honours mark is assessed in part by a dissertation and determined by the performance in the honours course.

(5) Honours is awarded in the following classes:

<table>
<thead>
<tr>
<th>Description</th>
<th>HWAM Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honours Class I</td>
<td>HWAM&gt;=80</td>
</tr>
<tr>
<td>Honours Class II (Division 1)</td>
<td>75&lt;=HWAM&lt;80</td>
</tr>
<tr>
<td>Honours Class II (Division 2)</td>
<td>70&lt;=HWAM&lt;75</td>
</tr>
</tbody>
</table>
13 University medal

A student with an Honours WAM (HWAM) mark of 80 or above may be awarded a university medal. The medal is awarded at the discretion of the Faculty to the highest achieving students who, in the opinion of the Faculty, have an outstanding academic record, in accordance with the Coursework Rule.

14 Weighted average mark (WAM) and Honours weighted average mark (HWAM)

(1) The University has a formula for calculating a Weighted Average Mark and this is defined in the University Glossary. WAMs are used by the University as one indicator of performance. For example, WAMs can be used in assessing admission to and award of honours, eligibility for prizes and scholarships, or assessing progression through a course.

(2) The weight of a unit of study is assigned by the owning faculty. In this Faculty for the honours entry WAM, second year (level 2000) education units are weighted 1 and third year (level 3000) education units are weighted 2.

(3) Honours WAM (HWAM) is calculated by averaging selected third year (level 3000) education units (weighted 2), fourth year (level 4000) education units (weighted 3) and the honours units A and B (weighted 10).

15 Transitional provisions

(1) These resolutions apply to students who commenced their candidature after 1 January, 2011 and students who commenced their candidature prior to 1 January, 2011 who elect to proceed under these resolutions.

(2) Students who commenced prior to 1 January, 2011 may complete the requirements in accordance with the resolutions in force at the time of their commencement, provided that requirements are completed by 1 January, 2016 and provided that there is no suspension of candidature, in which case the candidature for any period shall proceed under the by-laws and resolutions in force at the time of re-enrolment. The Faculty may specify a later date for completion or specify alternative requirements for completion of candidatures that extend beyond this time.
Bachelor of Education (Early Childhood)

These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2010 (the ‘Coursework Rule’), the Resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.

Course resolutions

1 Course codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Course and stream title</th>
</tr>
</thead>
<tbody>
<tr>
<td>XH033</td>
<td>Bachelor of Education (Early Childhood)</td>
</tr>
</tbody>
</table>

2 Attendance pattern

The attendance pattern for this course is full time only.

3 Admission to candidature

Admission to this course is on the basis of a secondary school leaving qualification such as the NSW Higher School Certificate (including national and international equivalents), tertiary study or an approved preparation program. English language requirements must be met where these are not demonstrated by sufficient qualifications taught in English. Special admission pathways are open for mature aged applicants who do not possess a school leaving qualification, educationally disadvantaged applicants and for Aboriginal and Torres Strait Islander people. Applicants are ranked by merit and offers for available places are issued according to the ranking. Details of admission policies are found in the Coursework Rule.

4 Requirements for award

(1) The units of study that may be taken for this course are set out in:
   (a) Faculty of Education and Social Work Table of Bachelor of Education (Early Childhood) units of study,
   (b) Table A of the Faculty of Arts Table of units of study,
   (c) Table 1: Faculty of Science Tables of units of study,
   (d) Section 2 of the Faculty of Economics and Business Table of undergraduate units of study.

(2) To qualify for the award of the Bachelor of Education (Early Childhood), a candidate must complete 192 credit points of units of study comprising:
   (a) Year 1
      (i) 36 credit points of units of study from the Early Childhood Education Table, including 12 credit points of Education One units and 24 credit points of Curriculum and Professional Studies units; and
      (ii) 12 credit points of junior (level 1000) units of study in one subject area, chosen from Arts Table A or Science Table 1 or Section 2 of the Economics and Business Table;
   (b) Year 2
      (i) 36 credit points of units of study from the Early Childhood Education Table, including 12 credit points of Education Two units and 24 credit points of Curriculum and Professional Studies units; and
      (ii) 12 credit points of Senior (level 2000) units of study, chosen from Arts Table A or Science Table 1 or Section 2 of the Economics and Business Table;
   (c) Year 3
      48 credit points of units of study from the Early Childhood Education Table, including 6 credit points of Education Three Optional units and 42 credit points of Curriculum and Professional Studies units;
   (d) Year 4
      48 credit points of units of study from the Early Childhood Education Table, including 6 credit points of Education Three Optional units and 42 credit points of Curriculum and Professional Studies units.

5 Progression rules

Except with permission of the Dean, a candidate must complete all unit of study requirements specified for each year, including Professional Experience units, before proceeding to the next year.

6 Requirements for the Honours degree

(1) Honours is available to meritorious students who complete an alternative set of units of study in Year 4 of the program. Admission to the honours program is by permission of the program coordinator after the completion of Second Semester, Year 3. Admission and award requirements for honours in the Bachelor of Education (Early Childhood) are set out in the Resolutions of the Faculty of Education and Social Work.

(2) An honours candidate must complete the requirements for the pass degree but include the alternative 12 credit-point honours pathway described in the Bachelor of Education (Early Childhood) Table of units. Completion of the honours degree is required in the minimum standard full-time duration over two consecutive semesters.

7 Award of the degree

(1) The Bachelor of Education (Early Childhood) is awarded at either Pass or Honours level. The honours degree is awarded in classes ranging from First Class to Second Class according to the rules specified in the Resolutions of the Faculty of Education and Social Work.

(2) Candidates for the award of the Honours degree who do not meet the requirements, but who have otherwise satisfied the course requirements, will be awarded the pass degree.
8 Transitional provisions

(1) These resolutions apply to students who commenced their candidature after 1 January, 2011 and students who commenced their
candidature prior to 1 January, 2011 who elect to proceed under these resolutions.
(2) Candidates who commenced prior to 1 January, 2011 may complete the requirements in accordance with the resolutions in force at the
time of their commencement, provided that the requirements are completed by 1 January, 2016 and provided that there is no suspension
of candidature, in which case the candidature for any period shall proceed under the by-laws and resolutions in force at the time of
re-enrolment. The Faculty may specify a later date for completion or specify alternative requirements for completion of candidatures
that extend beyond this time.

Bachelor of Education (Primary Education)

These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2010 (the ‘Coursework Rule’), the Resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.

Course resolutions

1 Course codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Course and stream title</th>
</tr>
</thead>
<tbody>
<tr>
<td>XH034</td>
<td>Bachelor of Education (Primary Education)</td>
</tr>
</tbody>
</table>

2 Attendance pattern

The attendance pattern for this course is full time only.

3 Admission to candidature

Admission to this course is on the basis of a secondary school leaving qualification such as the NSW Higher School Certificate (including national and international equivalents), tertiary study or an approved preparation program. English language requirements must be met where these are not demonstrated by sufficient qualifications taught in English. Special admission pathways are open for mature aged applicants who do not possess a school leaving qualification, educationally disadvantaged applicants and for Aboriginal and Torres Strait Islander people and elite athletes. Applicants are ranked by merit and offers for available places are issued according to the ranking. Details of admission policies are found in the Coursework Rule.

4 Requirements for award

(1) The units of study that may be taken for this course are set out in:
   (a) the Faculty of Education and Social Work Table of Bachelor of Education (Primary Education) units of study,
   (b) Table A of the Faculty of Arts Table of units of study,
   (c) Table 1: Faculty of Science Tables of units of study,
   (d) Section 2 of the Faculty of Economics and Business Table of undergraduate units of study.
(2) To qualify for the award of the Bachelor of Education (Primary Education), a candidate must complete 192 credit points of units of study comprising:
   (a) Year 1
      (i) 36 credit points of units of study from the Primary Education Table, including 12 credit points of Education One units and 24
          credit points of Curriculum and Professional Studies units; and
      (ii) 12 credit points of junior (level 1000) units of study, chosen from Arts Table A or Science Table 1 or Section 2 of the Economics
          and Business Table;
   (b) Year 2
      48 credit points of units of study from the Primary Education Table, including 12 credit points of Education Two units and 36 credit
          points of Curriculum and Professional Studies units;
   (c) Year 3
      48 credit points of units of study from the Primary Education Table, including 6 credit points of Education Three Optional units and
          42 credit points of Professional Studies units;
   (d) Year 4
      48 credit points of units of study from the Primary Education Table, including 6 credit points of Education Three Optional units, 34
          credit points of Curriculum and Professional Studies units and 8 credit points of Primary Four Optional units.

5 Progression rules

Except with the permission of the Dean, a candidate must complete all unit of study requirements specified for each year, including Professional Experience units, before proceeding to the next year.

6 Requirements for the Honours degree

(1) Honours is available to meritorious students who complete an alternative set of units of study in Year 4 of the program. Admission to
the honours program is by permission of the program coordinator after the completion of Second Semester, Year 3. Admission and
award requirements for honours in the Bachelor of Education (Primary Education) are set out in the Resolutions of the Faculty of
Education and Social Work.
An honours candidate must complete the requirements for the pass degree but include the alternative 12 credit-point honours pathway described in the Bachelor of Education (Primary Education) Table of units. Completion of the degree is required in the minimum standard full-time duration over two consecutive semesters.

7 Award of the degree

(1) The Bachelor of Education is awarded at either Pass or Honours level. The honours degree is awarded in classes ranging from First Class to Second Class according to the rules specified in the Resolutions of the Faculty of Education and Social Work.

(2) Candidates for the award of the Honours degree who do not meet the requirements, but who have otherwise satisfied the course requirements, will be awarded the pass degree.

8 Transitional provisions

(1) These resolutions apply to students who commenced their candidature after 1 January, 2011 and students who commenced their candidature prior to 1 January, 2011 who elect to proceed under these resolutions.

(2) Candidates who commenced prior to 1 January, 2011 may complete the requirements in accordance with the resolutions in force at the time of their commencement, provided that the requirements are completed by 1 January, 2016 and provided that there is no suspension of candidature, in which case the candidature for any period shall proceed under the by-laws and resolutions in force at the time of re-enrolment. The Faculty may specify a later date for completion or specify alternative requirements for completion of candidatures that extend beyond this time.

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

These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2010 (the 'Coursework Rule'), the Resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.

Course resolutions

1 Course codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Course and stream title</th>
</tr>
</thead>
<tbody>
<tr>
<td>XH032</td>
<td>Bachelor of Education (Secondary: Human Movement and Health Education)</td>
</tr>
</tbody>
</table>

2 Attendance pattern

The attendance pattern for this course is full time only.

3 Admission to candidature

Admission to this course is on the basis of a secondary school leaving qualification such as the NSW Higher School Certificate (including national and international equivalents), tertiary study or an approved preparation program. English language requirements must be met where these are not demonstrated by sufficient qualifications taught in English. Special admission pathways are open for mature aged applicants who do not possess a school leaving qualification, educationally disadvantaged applicants and for Aboriginal and Torres Strait Islander people and elite athletes. Applicants are ranked by merit and offers for available places are issued according to the ranking. Details of admission policies are found in the Coursework Rule.

4 Requirements for award

(1) The units of study that may be taken for this course are set out in:

(a) the Faculty of Education and Social Work Table of Bachelor of Education (Secondary: Human Movement and Health Education) units of study,

(b) Table A of the Faculty of Arts Table of units of study,

(c) Table 1: Faculty of Science Tables of units of study,

(d) Section 2 of the Faculty of Economics and Business Table of undergraduate units of study.

(2) To qualify for the award of the Bachelor of Education (Secondary: Human Movement and Health Education), a candidate must complete 192 credit points of units of study comprising:

(a) Year 1

(i) 36 credit points of units of study from the the Human Movement and Health Education Table, including 12 credit points of Education One units and 24 credit points of Curriculum and Professional Studies units; and

(ii) 12 credit points of junior (level 1000) units of study, chosen from Arts Table A or Science Table 1 or Section 2 of the Economics and Business Table ;

(b) Year 2

48 credit points of units of study from the Human Movement and Health Education Table, including 12 credit points of Education Two units and 36 credit points of Curriculum and Professional Studies units;

(c) Year 3

48 credit points of Curriculum and Professional Studies units of study from the Human Movement and Health Education Table;

(d) Year 4

48 credit points of units of study from the Human Movement and Health Education Table, including 12 credit points of Human Movement and Health Education Four Optional units and 36 credit points of Curriculum and Professional Studies units.
**5 Progression rules**

Except with permission of the Dean, a candidate must complete all unit of study requirements specified for each year, including Professional Experience units, before proceeding to the next year.

**6 Requirements for the Honours degree**

(1) Honours is available to meritorious students who complete an alternative set of units of study in Year 4 of the program. Admission and award requirements for honours in the Bachelor of Education (Human Movement and Health Education) are set out in the Resolutions of the Faculty of Education and Social Work.

(2) An honours candidate must complete the requirements for the pass degree but include the alternative 12 credit-point honours pathway described in the Table of Bachelor of Education (Secondary: Human Movement and Health Education) units of study. Completion of the honours degree is required in the minimum standard full-time duration over two consecutive semesters.

**7 Award of the degree**

(1) The Bachelor of Education is awarded at either Pass or Honours level. The honours degree is awarded in classes ranging from First Class to Second Class according to the rules specified in the Resolutions of the Faculty of Education and Social Work.

(2) Candidates for the award of the Honours degree who do not meet the requirements, but who have otherwise satisfied the course requirements, will be awarded the pass degree.

**8 Transitional provisions**

(1) These resolutions apply to students who commenced their candidature after 1 January, 2011 and students who commenced their candidature prior to 1 January, 2011 who elect to proceed under these resolutions.

(2) Candidates who commenced prior to 1 January, 2011 may complete the requirements in accordance with the resolutions in force at the time of their commencement, provided that the requirements are completed by 1 January, 2016 and provided that there is no suspension of candidature, in which case the candidature for any period shall proceed under the by-laws and resolutions in force at the time of re-enrolment. The Faculty may specify a later date for completion or specify alternative requirements for completion of candidatures that extend beyond this time.

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**Bachelor of Social Work**

*These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2010 (the 'Coursework Rule'), the Resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.*

**Course resolutions**

**1 Course codes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZH001</td>
<td>Bachelor of Social Work</td>
</tr>
</tbody>
</table>

**2 Attendance pattern**

The attendance pattern in Years 1 and 2 is full time or part time according to candidate choice, but in Years 3 and 4 is full time only.

**3 Admission to candidature**

Admission to this course is on the basis of a secondary school leaving qualification such as the NSW Higher School Certificate (including national and international equivalents), tertiary study or an approved preparation program. English language requirements must be met where these are not demonstrated by sufficient qualifications taught in English. Special admission pathways are open for mature aged applicants who do not possess a school leaving qualification, educationally disadvantaged applicants and for Aboriginal and Torres Strait Islander people. Applicants are ranked by merit and offers for available places are issued according to the ranking. Details of admission policies are found in the Coursework Rule.

**4 Requirements for award**

(1) The units of study that may be taken for the degree are set out in:

(a) the Faculty of Education and Social Work Table of Bachelor of Social Work units of study; and
(b) Tables A and B of the Faculty of Arts Tables of units of study.

(2) To qualify for the award of the pass degree, a candidate must complete 192 credit points, comprising:

(a) **Year 1**

(i) 12 credit points of Sociology core units of study from the Bachelor of Social Work Table; and
(ii) 36 credit points of junior (level 1000) units of study chosen from the Faculty of Arts Tables.

(b) **Year 2**

(i) 18 credit points of Sociology and Social Work core units of study from the Bachelor of Social Work Table and;
(ii) 18 credit points of senior (level 2000) units of study chosen from the Faculty of Arts Tables; and
(iii) 12 credit points of units of study of either Psychology for Social Work units of study or intermediate level (level 2000) Psychology units from the Faculty of Arts Table.
5 Progression rules

Except with the permission of the Dean, a candidate must complete all unit of study requirements specified for each year, including Field Education units, before proceeding to the next year.

6 Requirements for the Honours degree

(1) Honours is available to meritorious students who complete an alternative set of units of study in Semester 2 of Third Year and Semester 2 of Fourth Year.

(2) Admission to the honours program is by permission of the honours coordinator after the completion of Semester 1 in Third Year. Admission requires a WAM of at least 70 across 24 credit points of core units of study in Year 2 and 24 credit points in Semester 1 of Year 3. Candidates entering the Bachelor of Social Work course in the Third Year under accelerated entry provisions are required to have a WAM of at least 70 in the 24 credit points completed in Semester 1 of Year 3 in order to be admitted to the Honours program.

(3) To qualify for the award of the honours degree a candidate must complete the requirements for the pass degree but include the alternative 12 credit-point honours pathway set out in the Bachelor of Social Work Table of units of study. Completion of the degree is required in the minimum standard full-time duration. The grade of honours will be determined by the Honours Weighted Average Mark (HWAM).

7 Award of the degree

(1) The Bachelor of Social Work is awarded at either Pass or Honours level. The honours degree is awarded in classes ranging from First Class to Second Class with two divisions, according to the rules specified in the Resolutions of the Faculty of Education and Social Work.

(2) Candidates for the award of the Honours degree who do not meet the requirements, but who have otherwise satisfied the course requirements, will be awarded the pass degree.

8 Transitional provisions

(1) These resolutions apply to students who commenced their candidature after 1 January, 2011 and students who commenced their candidature prior to 1 January, 2011 who elect to proceed under these resolutions.

(2) Candidates who commenced prior to 1 January, 2011 may complete the requirements in accordance with the resolutions in force at the time of their commencement, provided that the requirements are completed by 1 January, 2016 and provided that there is no suspension of candidature, in which case the candidature for any period shall proceed under the by-laws and resolutions in force at the time of re-enrolment. The Faculty may specify a later date for completion or specify alternative requirements for completion of candidatures that extend beyond this time.

Master of Teaching

These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2010 (the ‘Coursework Rule’), the Resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.

Course resolutions

1 Course codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Course title</th>
</tr>
</thead>
<tbody>
<tr>
<td>XC034</td>
<td>Master of Teaching</td>
</tr>
</tbody>
</table>

2 Attendance pattern

The attendance pattern for these courses is full time or part time according to candidate choice.

3 Master's type

This master's degree is a professional master's course, as defined by the Coursework Rule.

4 Admission to candidature

(1) Available places will be offered to qualified applicants based on merit, according to the following admissions criteria. In exceptional circumstances the Dean may admit applicants without these qualifications who, in the opinion of the faculty, have qualifications and evidence of experience and achievement sufficient to successfully undertake the award.

(2) Admission to candidature requires:

(a) a bachelor's degree in a relevant discipline from the University of Sydney or equivalent qualification; and
(b) completion of the curriculum area specialisation requirements specified by the faculty; and
(c) completion of any additional qualifying courses prescribed by the faculty.

(3) English language requirements must be met where these are not demonstrated by sufficient qualifications taught in English.
5 Specialisations

Completion of a specialisation is a requirement of the course. The specialisations available are:

(a) Early Childhood Education
(b) Primary Education
(c) Secondary Education
(d) School Counselling

6 Requirements for award

(1) The units of study that may be taken for this course are set out in the Faculty of Education and Social Work Table of Units Master of Teaching units of study.

(2) To qualify for the award of the Master of Teaching a candidate must complete 96 credit points of units of study, comprising:

(3) PRIMARY

(a) Year 1
48 credit points of units of study from the Master of Teaching Table including 20 credit points of core education units and 28 credit points of Curriculum and Professional Studies units.

(b) Year 2
48 credit points of units of study from the Master of Teaching Table including 34 credit points of core education units and 14 credit points of Curriculum and Professional Studies units.

(4) SECONDARY

(a) Year 1
48 credit points of units of study from the Master of Teaching Table including 20 credit points of core education units and 28 credit points of Curriculum and Professional Studies units.

(b) Year 2
48 credit points of units of study from the Master of Teaching Table including 34 credit points of core education units and 14 credit points of Curriculum and Professional Studies units.

(5) EARLY CHILDHOOD

(a) Year 1
48 credit points of units of study from the Master of Teaching of Curriculum and Professional Studies units.

(b) Year 2
48 credit points of units of study from the Master of Teaching Table of Curriculum and Professional Studies units.

(6) SCHOOL COUNSELLING

(a) Year 1
48 credit points of units of study from the Master of Teaching Table including 20 credit points of core education units and 28 credit points of Curriculum and Professional Studies units.

(b) Year 2
48 credit points of units of study from the Master of Teaching Table including 34 credit points of core education units and 14 credit points of Curriculum and Professional Studies units.

7 Progression rules

(1) Except with the permission of the Dean, a candidate must complete all unit of study requirements specified for each year, including Professional Experience units, before proceeding to the next year.

(2) Candidates must complete a minimum of 74 credit points in Education before completing the Internship and the Action Research Project and Conference in the final semester of the degree.

8 Requirements for the Honours degree

(1) Honours is available to meritorious students who complete an alternative set of units of study. Admission to the honours program is by permission of the honours coordinator after the completion of Semester One in the first year of the degree.

(2) To qualify for the award of the honours degree, a candidate must complete the requirements for the pass degree but include the alternative honours pathway described in the Master of Teaching Table of units of study for the degree. Completion of the honours program is required in the minimum standard full time duration.

9 Award of the degree

(1) The Master of Teaching is awarded in the grades of either Pass or Honours.

(2) Honours in the Master of Teaching is awarded in the following classes:

<table>
<thead>
<tr>
<th>Description</th>
<th>Honours Special Study Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honours Class I</td>
<td>Grade&gt;=80</td>
</tr>
<tr>
<td>Honours Class II (Division 1)</td>
<td>75&lt;=Grade&lt;80</td>
</tr>
<tr>
<td>Honours Class II (Division 2)</td>
<td>70&lt;=Grade&lt;75</td>
</tr>
<tr>
<td>Honours not awarded</td>
<td>Grade&lt;70</td>
</tr>
</tbody>
</table>

(3) Candidates for the award of the Honours degree who do not meet the requirements, but who have otherwise satisfied the course requirements, will be awarded the pass degree.

10 Course transfer

A candidate who has completed 48 credit points, excluding the professional experiences units of study may apply to the Faculty for award of the Graduate Diploma in Professional Studies (Education). The Graduate Diploma in Professional Studies (Education) is a non-teaching award. Such candidates may not be re-admitted to candidature for the Master of Teaching.
11 Credit for previous study

Credit towards the Master Teaching may be granted under the following conditions:
(a) no more than 24 credit points will be granted;
(b) credit may be granted for previous supervised professional experience or equivalent teaching experience;
(c) credit may not be granted towards the Internship or the Post-Internship Conference requirements; and
(d) the study must have been completed within five years of commencement of candidature for the Master of Teaching.

12 Transitional provisions

(1) These resolutions apply to students who commenced their candidature after 1 January, 2011 and students who commenced their candidature prior to 1 January, 2011 who elect to proceed under these resolutions.

(2) Candidates who commenced prior to 1 January, 2011 may complete the requirements in accordance with the resolutions in force at the time of their commencement, provided that the requirements are completed by 1 January, 2016 and provided that there is no suspension of candidature, in which case the candidature for any period shall proceed under the by-laws and resolutions in force at the time of re-enrolment. The Faculty may specify a later date for completion or specify alternative requirements for completion of candidatures that extend beyond this time.

Master of Social Work (Qualifying)

These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2010 (the 'Coursework Rule'), the Resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.

Course resolutions

1 Course codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Course and stream title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZC033</td>
<td>Master of Social Work (Qualifying)</td>
</tr>
</tbody>
</table>

2 Attendance pattern

The attendance pattern for this course is full time or part time according to candidate choice.

3 Master's type

This master's degree is a professional master's course, as defined by the Coursework Rule.

4 Admission to candidacy

(1) Available places will be offered to qualified applicants based on merit, according to the following admissions criteria.

(2) Admission to candidacy for the Master of Social Work (Qualifying) requires:
(a) a bachelor's degree from the University of Sydney or equivalent qualification; and
(b) evidence of the ability to meet the required pre-requisite knowledge in relation to human development and of society; and
(c) evidence of employment history in human and community services industry.

(3) In exceptional circumstances the Dean may admit applicants without a bachelor's degree who, in the opinion of the Faculty, have qualifications and evidence of experience and achievement sufficient to successful undertake the award. This may include evidence through publications or authorship of official documents.

(4) English Language requirements must be met where these are not demonstrated by sufficient qualifications taught in English.

5 Requirements for award

(1) The units of study that may be taken for this course are set out in the Table of Units of Study for the Master of Social Work (Qualifying).

(2) To qualify for the award of the Master of Social Work (Qualifying) a candidate must complete 96 credit points, comprising:
(a) 78 credit points of core units of study, including a capstone unit from the Master of Social Work (Qualifying) Table; and
(b) 18 credit points of elective units of study, including a minimum of one research unit from the Master of Social Work (Qualifying) Table.

6 Progression rules

(1) Except with the permission of the Dean, a candidate must complete all unit of study requirements specified for each year, including Field Education units, before proceeding to the next year.

(2) Candidates must pass the core unit of study, SCWK5010 Social Work Practice, before proceeding to the core unit of study, SCWK5004 Practice Learning 1.

(3) Candidates must pass the core unit of study, SCWK5004 Practice Learning 1 and a minimum of 12 credit points before proceeding to the core unit of study, SCWK5005 Practice Learning 2A.

(4) Candidates must complete the capstone unit in the final semester of the program.
7 Credit for previous study

Credit towards the Master of Social Work (Qualifying) may be granted under the following conditions:
(a) no more than 24 credit points will be granted;
(b) credit may be granted for previous supervised practice learning or equivalent professional practice experience. If granted it will be towards the unit of study, SCWK5004 Practice Learning 1, but may not be granted towards the unit of study, SCWK5005 Practice Learning 2A or SCWK5006 Practice Learning 2B. Application for credit for professional practice experience requires a minimum of three years full time equivalent practice in a relevant social work context; and
(c) the study must have been completed within five years of commencement of candidature for the Master of Social Work (Qualifying).

8 Course transfer

Candidates who have completed 24 credit points of units of study, including either the unit of study, SCWK5010 Social Work Practice or SCWK66943 Practice Theory Development may elect to exit the Master of Social Work (Qualifying) and graduate with the Graduate Certificate in Human and Community Services.

9 Transitional provisions

(1) These resolutions apply to students who commenced their candidature after 1 January, 2011 and students who commenced their candidature prior to 1 January, 2011 who elect to proceed under these resolutions.
(2) Candidates who commenced prior to 1 January, 2011 may complete the requirements in accordance with the resolutions in force at the time of their commencement, provided that the requirements are completed by 1 January, 2016 and provided that there is no suspension of candidature, in which case the candidature for any period shall proceed under the by-laws and resolutions in force at the time of re-enrolment. The Faculty may specify a later date for completion or specify alternative requirements for completion of candidatures that extend beyond this time.
Shared resolutions
Bachelor of Education (Secondary: Humanities and Social Sciences) and Bachelor of Arts

These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2010 (the 'Coursework Rule'), the Resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.

Course resolutions

1 Course codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Course and stream title</th>
</tr>
</thead>
<tbody>
<tr>
<td>XH029</td>
<td>Bachelor of Education (Secondary: Humanities and Social Sciences) and Bachelor of Arts</td>
</tr>
</tbody>
</table>

2 Attendance pattern
The attendance pattern for this course is full time only.

3 Cross-faculty management

(1) Candidates in this combined degree program will be under the general supervision of the Faculty of Education and Social Work for the duration of the combined degree course.

(2) The Deans of the Faculty of Education and Social Work and the Faculty of Arts shall jointly exercise authority in any matter concerned with the combined course not otherwise dealt with in these resolutions.

4 Admission to candidature

Admission to this course is on the basis of a secondary school leaving qualification such as the NSW Higher School Certificate (including national and international equivalents), tertiary study or an approved preparation program. English language requirements must be met where these are not demonstrated by sufficient qualifications taught in English. Special admission pathways are open for mature aged applicants who do not possess a school leaving qualification, educationally disadvantaged applicants and for Aboriginal and Torres Strait Islander people. Applicants are ranked by merit and offers for available places are issued according to the ranking. Details of admission policies are found in the Coursework Rule.

5 Requirements for award

(1) The units of study that may be taken for the degrees in the combined program are set out in:
   (a) the Faculty of Education and Social Work Table of Bachelor of Education (Secondary: Humanities and Social Sciences) and Bachelor of Arts units of study and
   (b) Tables A and B of the Faculty of Arts Tables of units of study.

(2) To qualify for the award of the Bachelor of Education (Secondary: Humanities and Social Sciences) and Bachelor of Arts, a candidate must complete 240 credit points, comprising:
   (a) Year 1
      (i) 12 credit points of Education One units of study from the Bachelor of Education (Secondary: Humanities and Social Sciences) and Bachelor of Arts Table;
      (ii) 12 credit points of junior units of study in a first teaching area (the Major sequence), chosen from Arts Table A;
      (iii) 12 credit points of junior units of study in a second teaching area, chosen from Arts Tables A or B; and
      (iv) 12 credit points of junior (level 1000) units of study, chosen from Arts Tables A.
   (b) Year 2
      (i) 24 credit points of units of study from the Bachelor of Education (Secondary: Humanities and Social Sciences) and Bachelor of Arts Table, including 12 credit points of Education Two units and 12 credit points of Curriculum and Professional Studies units;
      (ii) 12 credit points of senior (level 2000 or 3000) units of study in the first teaching area (the Major sequence), chosen from Arts Table A; and
      (iii) 12 credit points of intermediate or senior (level 2000 or 3000) units of study in the second teaching area, chosen from Arts Tables A or B.
   (c) Year 3
      (i) 36 credit points of Curriculum and Professional Studies units of study from the Bachelor of Education (Secondary: Humanities and Social Sciences) and Bachelor of Arts Table, including 24 credit points of teaching area units; and
      (ii) 12 credit points of senior (level 2000 or 3000) units of study in the first teaching area (the Major sequence), chosen from Arts Table A.
   (d) Year 4
      (i) 36 credit points of units of study from the Bachelor of Education (Secondary: Humanities and Social Sciences) and Bachelor of Arts Table, including 6 credit points of Education Three Optional units; and 30 credit points of Curriculum and Professional Studies units including 12 credit points of teaching area units; and
      (ii) 12 credit points of senior (level 2000 or 3000) units of study in the first teaching area (the Major sequence), chosen from Arts Table A.
   (e) Year 5
      (i) 24 credit points of Curriculum and Professional Studies units of study from the Bachelor of Education (Secondary: Humanities and Social Sciences) and Bachelor of Arts Table; and
      (ii) 24 credit points of senior (level 2000 or 3000) units of study, chosen from Arts Table A or B.
6 Majors

(1) Completion of a Table A major is a requirement of the Bachelor of Arts in this combined degree program. Candidates have the option of completing up to two majors. A major must support the teaching area. A major requires the completion of 36 Senior (level 2000 or 3000) credit points chosen from units of study listed for that major. Units of study counted towards one major may not count toward any other major completed.

(2) The majors and the corresponding teaching areas available are specified in the Table of Majors below:

<table>
<thead>
<tr>
<th>Teaching areas</th>
<th>Majors in the Faculty of Arts Tables A and B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ancient History *</td>
<td>Ancient History</td>
</tr>
<tr>
<td>Arabic</td>
<td>Arabic Language Literature and Culture</td>
</tr>
<tr>
<td>Visual Arts</td>
<td>Art History</td>
</tr>
<tr>
<td>Chinese</td>
<td>Chinese Studies</td>
</tr>
<tr>
<td>English</td>
<td>English</td>
</tr>
<tr>
<td>French</td>
<td>French Studies</td>
</tr>
<tr>
<td>German</td>
<td>Germanic Studies</td>
</tr>
<tr>
<td>Classical Hebrew and Judiac Studies ^</td>
<td>Hebrew (Classical)</td>
</tr>
<tr>
<td>Hebrew (Modern)</td>
<td>Hebrew (Modern)</td>
</tr>
<tr>
<td>Modern History *</td>
<td>History</td>
</tr>
<tr>
<td>Indonesian</td>
<td>Indonesian Studies</td>
</tr>
<tr>
<td>Italian</td>
<td>Italian Studies</td>
</tr>
<tr>
<td>Japanese</td>
<td>Japanese Studies</td>
</tr>
<tr>
<td>Korean</td>
<td>Korean Studies</td>
</tr>
<tr>
<td>Latin</td>
<td>Latin</td>
</tr>
<tr>
<td>Modern Greek</td>
<td>Modern Greek Studies</td>
</tr>
<tr>
<td>Drama</td>
<td>Performance Studies</td>
</tr>
<tr>
<td>Spanish</td>
<td>Spanish and Latin American Studies</td>
</tr>
<tr>
<td>Economics ^</td>
<td>Economics</td>
</tr>
<tr>
<td>Geography ^</td>
<td>Geography</td>
</tr>
<tr>
<td>TESOL ^</td>
<td>Linguistics</td>
</tr>
<tr>
<td>Mathematics ^</td>
<td>Mathematics</td>
</tr>
<tr>
<td>Business Studies ^</td>
<td>Government &amp; International Relations</td>
</tr>
<tr>
<td>Business Studies ^</td>
<td>Industrial Relations &amp; Human Resource Management</td>
</tr>
<tr>
<td>Business Studies ^</td>
<td>Political Economy</td>
</tr>
</tbody>
</table>

*Candidates selecting Ancient History as a first teaching area may not choose Modern History as a second teaching area and vice versa. ^Available only as a second teaching area. +Available only as a second major.

7 Progression rules

Except with the permission of the Dean, a candidate must complete all unit of study requirements specified for each year, including Professional Experience units, before proceeding to the next year.

8 Requirements for the Honours degree

(1) Honours is available to meritorious candidates, in either Education or Bachelor of Arts.
(2) Honours in Education requires the completion of an alternative 12 credit points of units of study in Year 4 of the program.
(3) Honours in the Bachelor of Arts requires an additional full-time year of study after the completion of the combined degrees. Part-time is permitted if approved by the administering department or program.
(4) Admission and award requirements for honours in the Bachelor of Education (Secondary: Humanities and Social Sciences) are set out in the Resolutions of the Faculty of Education and Social Work. Admission and award requirements for honours in the Bachelor of Arts are listed in the Course Resolutions relating to the Bachelor of Arts.

9 Award of the degree

(1) The Bachelor of Education (Secondary: Humanities and Social Sciences) and the Bachelor of Arts are awarded at either Pass or Honours level.
(2) The honours degree in the Bachelor of Education (Secondary: Humanities and Social Sciences) is awarded in classes ranging from First Class to Second Class according to the rules specified in the Resolutions of the Faculty of Education and Social Work.
(3) The honours degree in the Bachelor of Arts is awarded in classes ranging from First Class to Third Class according to the rules specified in the Resolutions of the Faculty of Arts.
(4) Candidates for the award of the Honours degree who do not meet the requirements, but who have otherwise satisfied the course requirements, will be awarded the pass degree.
10 Course transfer

A candidate may, after two years of candidature, abandon the combined program and elect to transfer to the Faculty of Arts and complete the Bachelor of Arts in accordance with the resolutions governing that degree.

11 Transitional provisions

(1) These resolutions apply to students who commenced their candidature after 1 January, 2011 and students who commenced their candidature prior to 1 January, 2011 who elect to proceed under these resolutions.

(2) Candidates who commenced prior to 1 January, 2011 may complete the requirements in accordance with the resolutions in force at the time of their commencement, provided that the requirements are completed by 1 January, 2016 and provided that there is no suspension of candidature, in which case the candidature for any period shall proceed under the by-laws and resolutions in force at the time of re-enrolment. The Faculty may specify a later date for completion or specify alternative requirements for completion of candidatures that extend beyond this time.

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

These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2010 (the 'Coursework Rule'), the Resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.

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2 Attendance pattern

The attendance pattern for this course is full time only.

3 Streams

(1) The Bachelor of Science is available in the following stream - Advanced Mathematics.

(2) Completion of a stream is not a requirement of the course.

4 Cross-faculty management

(1) Candidates in this combined degree program will be under the general supervision of the Faculty of Education and Social Work for the duration of the combined degree course.

(2) The Deans of the Faculty of Education and Social Work and the Faculty of Science shall jointly exercise authority in any matter concerned with the combined course not otherwise dealt with in these resolutions.

5 Admission to candidature

Admission to this course is on the basis of a secondary school leaving qualification such as the NSW Higher School Certificate (including national and international equivalents), tertiary study or an approved preparation program. English language requirements must be met where these are not demonstrated by sufficient qualifications taught in English. Special admission pathways are open for mature aged applicants who do not possess a school leaving qualification, educationally disadvantaged applicants and for Aboriginal and Torres Strait Islander people. Applicants are ranked by merit and offers for available places are issued according to the ranking. Details of admission policies are found in the Coursework Rule.

6 Requirements for award

(1) The units of study that may be taken for the degrees in the combined program are set out in:
   (a) the Faculty of Education and Social Work Table of Bachelor of Education (Secondary: Mathematics) and Bachelor of Science units of study and
   (b) Table 1: Bachelor of Science of the Faculty of Science Tables of units of study.

(2) To qualify for the award of the Bachelor of Education (Secondary: Mathematics) and Bachelor of Science, a candidate must complete 240 credit points, comprising:
   (a) Year 1
      (i) 12 credit points of Education One units of study from the Bachelor of Education (Secondary: Mathematics) and Bachelor of Science Table;
      (ii) 12 credit points of junior units of study in Mathematics as the first teaching area (the Major sequence), offered by the School of Mathematics and Statistics, chosen from Science Table 1;
      (iii) 12 credit points of junior (level 1000) units of study in a second science teaching area, chosen from Science Table 1; and
      (iv) 12 credit points of junior (level 1000) units of study, chosen from Science Table 1.
   (v) Candidates who intend on having Science as their second teaching area must include in the above requirements 12 credit points of units of study of one of either Chemistry or Physics.
   (b) Year 2
(i) 24 credit points of units of study from the Bachelor of Education (Secondary: Mathematics) and Bachelor of Science Table, including 12 credit points of Education Two units and 12 credit points of Curriculum and Professional Studies units; (ii) 12 credit points of intermediate (level 2000) units of study in Mathematics as the first teaching area (the Major sequence), chosen from Science Table 1; and (iii) 12 credit points of intermediate (level 2000) units of study in Mathematics or in the second science teaching area, chosen from Science Table 1.

(c) Year 3
(i) 36 credit points of Curriculum and Professional Studies units of study from the Bachelor of Education (Secondary: Mathematics) and Bachelor of Science Table, including 24 credit points of teaching area units; and (ii) 12 credit points of senior (level 3000) units of study in Mathematics as the first teaching area (the Major sequence), chosen from Science Table 1.

(d) Year 4
(i) 36 credit points of units of study from the Bachelor of Education (Secondary: Mathematics) and Bachelor of Science Table, including 6 credit points of Education Three Optional units and 30 credit points of Curriculum and Professional Studies units, including 12 credit points of teaching area units; and (ii) 12 credit points of senior (level 3000) units of study in Mathematics as the first teaching area (the Major sequence), chosen from Science Table 1.

(e) Year 5
(i) 24 credit points of Curriculum and Professional Studies units of study from the Bachelor of Education (Secondary: Mathematics) and Bachelor of Science Table; and (ii) 24 credit points of units of study, including either 12 credit points of junior (level 1000), intermediate (level 2000) or senior (level 3000) units and 12 credit points of intermediate (level 2000) or senior (level 3000) units, chosen from Science Table 1; or for those candidates who are undertaking a second major in science, 24 credit points of senior (level 3000) units of study from the science teaching area chosen from Science Table 1.

(3) Candidates completing the Advanced Mathematics stream in the Bachelor of Science must include:
(a) a minimum of 12 credit points of intermediate units of study at either the advanced level or as TSP units in the Science subject areas of Mathematics and Statistics; and
(b) a minimum of 24 credit points of senior units of study at the Advanced level or as TSP units in a major in Mathematics, Statistics or Financial Mathematics and Statistics.

7 Majors
Completion of a major in Mathematics is a requirement in this combined degree program. Candidates have the option of completing up to two majors, including a major in Mathematics and a major in Science. A major must support the teaching area. A major requires the completion of 24 senior (level 3000) credit points chosen from units of study listed for that major. Units of study counted towards one major may not count toward any other major completed. The majors available are:
(a) Mathematics
(b) Biology* 
(c) Chemistry* 
(d) Geology and Geophysics (Teaching area: Earth & Environmental Science)*
(e) Geography* 
(f) Physics*  
*Available as a second teaching/ second major area only.

8 Progression rules
(1) Except with permission of the Dean, a candidate must complete all unit of study requirements specified for each year, including Professional Experience units, before proceeding to the next year.
(2) Candidates completing the Advanced Mathematics stream in the Bachelor of Science are required to maintain a minimum average mark of 65 in all intermediate and senior units of study in Science subject areas in each year of enrolment. Failure to maintain the required average will result in candidates being transferred to the Bachelor of Science in their next year of enrolment with full credit for the units of study completed.
(3) Candidates completing the Advanced Mathematics stream in the Bachelor of Science who fail to achieve an average mark of 65 across all Science units of study attempted in their final year, but who have otherwise completed all the requirements of the degree, will be awarded the Bachelor of Science.

9 Requirements for the Honours degree
(1) Honours is available to meritorious candidates, in either Education or Bachelor of Science.
(2) Honours in Education requires the completion of an alternative 12 credit points of units of study in Year 4 of the program.
(3) Honours in the Bachelor of Science requires an additional full-time year of study after the completion of the combined degrees. Part-time study of honours over two years consecutively may be permitted if the Faculty is satisfied the candidate cannot undertake honours full time.
(4) Admission and award requirements for honours in the Bachelor of Education (Secondary: Mathematics) are set out in the Resolutions of the Faculty of Education and Social Work. Admission and award requirements for honours in the Bachelor of Science are listed in the Resolutions of the Faculty of Science.

10 Award of the degrees
(1) The Bachelor of Education (Secondary: Mathematics) and the Bachelor of Science are awarded at either Pass or Honours level.
(2) The honours degree in the Bachelor of Education (Secondary: Mathematics) is awarded in classes ranging from First Class to Second Class according to the rules specified in the Resolutions of the Faculty of Education and Social Work.
(3) The honours degree in the Bachelor of Science is awarded in classes ranging from First Class to Third Class according to the rules specified in the Resolutions of the Faculty of Science.
(4) Candidates for the award of the Honours degree who do not meet the requirements, but who have otherwise satisfied the course requirements, will be awarded the pass degree.
11 Course transfer

A candidate may, after two years of candidature, abandon the combined program and elect to transfer to the Faculty of Science and complete the Bachelor of Science in accordance with the resolutions governing that degree.

12 Transitional provisions

(1) These resolutions apply to students who commenced their candidature after 1 January, 2011 and students who commenced their candidature prior to 1 January, 2011 who elect to proceed under these resolutions.

(2) Candidates who commenced prior to 1 January, 2011 may complete the requirements in accordance with the resolutions in force at the time of their commencement, provided that the requirements are completed by 1 January, 2016 and provided that there is no suspension of candidature, in which case the candidature for any period shall proceed under the by-laws and resolutions in force at the time of re-enrolment. The Faculty may specify a later date for completion or specify alternative requirements for completion of candidatures that extend beyond this time.

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

These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2010 (the 'Coursework Rule'), the Resolutions of the Faculty, the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.

Course resolutions

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<td>XH030</td>
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2 Attendance pattern

The attendance pattern for this course is full time only.

3 Streams

(1) The Bachelor of Science is available in the following stream - Advanced.
(2) Completion of a stream is not a requirement of the course.

4 Cross-faculty management

(1) Candidates in this combined degree program will be under the general supervision of the Faculty of Education and Social Work for the duration of the combined degree course.
(2) The Deans of the Faculty of Education and Social Work and the Faculty of Science shall jointly exercise authority in any matter concerned with the combined course not otherwise dealt with in these resolutions.

5 Admission to candidature

Admission to this course is on the basis of a secondary school leaving qualification such as the NSW Higher School Certificate (including national and international equivalents), tertiary study or an approved preparation program. English language requirements must be met where these are not demonstrated by sufficient qualifications taught in English. Special admission pathways are open for mature aged applicants who do not possess a school leaving qualification, educationally disadvantaged applicants and for Aboriginal and Torres Strait Islander people. Applicants are ranked by merit and offers for available places are issued according to the ranking. Details of admission policies are found in the Coursework Rule.

6 Requirements for award

(1) The units of study that may be taken for the degrees in the combined program are set out in:
   (a) the Faculty of Education and Social Work Table of Bachelor of Education (Secondary: Science) and Bachelor of Science units of study; and
   (b) Table 1: Bachelor of Science of the Faculty of Science Tables of units of study.

(2) To qualify for the award of the Bachelor of Education (Secondary: Science) and Bachelor of Science, a candidate must complete 240 credit points of units of study, comprising:
   (a) Year 1
      (i) 12 credit points of Education One units of study from the Bachelor of Education (Secondary: Science) and Bachelor of Science Table;
      (ii) 12 credit points of junior units of study in Mathematics, offered by the School of Mathematics and Statistics, chosen from Science Table 1;
      (iii) 12 credit points of junior (level 1000) units of study in a first teaching area, chosen from Science Table 1;
      (iv) 12 credit points of junior (level 1000) units of study in a second teaching area, chosen from Science Table 1;
      (v) candidates must include in the above requirements 12 credit points of units of study of one of either Physics or Chemistry.
   (b) Year 2
Degree regulations and policies

(i) 24 credit points of units of study from the Bachelor of Education (Secondary: Science) and Bachelor of Science Table, including 12 credit points of Education Two units and 12 credit points of Curriculum and Professional Studies units; and
(ii) 12 credit points of intermediate (level 2000) units of study in the first teaching area (the Major sequence), chosen from Science Table 1; and
(iii) 12 credit points of intermediate (level 2000) units of study in the second teaching area, chosen from Science Table 1.

(c) Year 3
(i) 36 credit points of Curriculum and Professional Studies units of study from the Bachelor of Education (Secondary: Science) and Bachelor of Science Table, including 24 credit points of teaching area units; and
(ii) 12 credit points of senior (level 3000) units of study in the first teaching area (the Major sequence), chosen from Science Table 1.

(d) Year 4
(i) 36 credit points of units of study from the Bachelor of Education (Secondary: Science) and Bachelor of Science Table, including 6 credit points of Education Three Optional units and 30 credit points of Curriculum and Professional Studies units including 12 credit points of teaching area units; and
(ii) 12 credit points of senior (level 3000) units of study in the first teaching area (the Major sequence), chosen from Science Table 1.

(e) Year 5
(i) 24 credit points of Curriculum and Professional Studies units of study from the Bachelor of Education (Secondary: Science) and Bachelor of Science Table; and
(ii) 24 credit points of units of study, including either 12 credit points of junior (level 1000), intermediate (level 2000) or senior (level 3000) units and 12 credit points of intermediate (level 2000) or senior (level 3000) units, chosen from Science Table 1; or for those candidates who are undertaking a second major, 24 credit points of senior (level 3000) units of study in the second teaching area chosen from Science Table 1.

(f) Candidates completing the Advanced stream in the Bachelor of Science must include:
(i) a minimum of 12 credit points of intermediate units of study at either the Advanced level or as Talented Student Program (TSP) units in Science subject areas; and
(ii) a minimum of 24 credit points of senior units of study at the Advanced level or as TSP units in a single Science subject area.

7 Majors
Completion of a major is a requirement of the Bachelor of Science in this combined degree program. Candidates have the option of completing up to two majors. A major must support the teaching area. A major requires the completion of 24 senior (level 3000) credit points chosen from units of study listed for that major. Units of study counted towards one major may not count toward any other major completed. The majors available are:
(a) Biology
(b) Chemistry
(c) Geology and Geophysics (Teaching area: Earth & Environmental Science)
(d) Physics
(e) Geography
(f) Mathematics (second teaching area /second major only)

8 Progression rules
(1) Except with permission of the Dean, a candidate must complete all unit of study requirements specified for each year, including Professional Experience units, before proceeding to the next year.
(2) Candidates completing the advanced stream in the Bachelor of Science are required to maintain a minimum average mark of 65 in all intermediate and senior units of study in Science subject areas in each year of enrolment. Failure to maintain the required average will result in candidates being transferred to the Bachelor of Science in their next year of enrolment with full credit for the units of study completed.
(3) Candidates completing the advanced stream in the Bachelor of Science who fail to achieve an average mark of 65 across all Science units of study attempted in their final year, but who have otherwise completed all the requirements of the degree, will be awarded the Bachelor of Science.

9 Requirements for the Honours degree
(1) Honours is available to meritorious candidates, in either Education or Bachelor of Science.
(2) Honours in Education requires the completion of an alternative 12 credit points of units of study in Year 4 of the program.
(3) Honours in the Bachelor of Science requires an additional full-time year of study after the completion of the combined degrees. Part-time study of honours over two years consecutively may be permitted if the Faculty is satisfied the candidate cannot undertake honours full time.
(4) Admission and award requirements for honours in the Bachelor of Education (Secondary: Science) are set out in the Resolutions of the Faculty of Education and Social Work. Admission and award requirements for honours in the Bachelor of Science are listed in the Resolutions of the Faculty of Science.

10 Award of the degrees
(1) The Bachelor of Education (Secondary: Science), the Bachelor of Science and the Bachelor of Science (Advanced) are awarded at either Pass or Honours level.
(2) The honours degree in the Bachelor of Education (Secondary: Science) is awarded in classes ranging from First Class to Second Class according to the rules specified in the Resolutions of the Faculty of Education and Social Work.
(3) The honours degree in the Bachelor of Science is awarded in classes ranging from First Class to Third Class according to the rules specified in the Resolutions of the Faculty of Science.
(4) Candidates for the award of the Honours degree who do not meet the requirements, but who have otherwise satisfied the course requirements, will be awarded the pass degree.
11 Course transfer

A candidate may, after two years of candidature, abandon the combined program and elect to transfer to the Faculty of Science and complete the Bachelor of Science in accordance with the resolutions governing that degree.

12 Transitional provisions

(1) These resolutions apply to students who commenced their candidature after 1 January, 2011 and students who commenced their candidature prior to 1 January, 2011 who elect to proceed under these resolutions.

(2) Candidates who commenced prior to 1 January, 2011 may complete the requirements in accordance with the resolutions in force at the time of their commencement, provided that the requirements are completed by 1 January, 2016 and provided that there is no suspension of candidature, in which case the candidature for any period shall proceed under the by-laws and resolutions in force at the time of re-enrolment. The Faculty may specify a later date for completion or specify alternative requirements for completion of candidatures that extend beyond this time.

Bachelor of Education (Secondary: Aboriginal Studies)

These resolutions must be read in conjunction with applicable University By-laws, Rules and policies including (but not limited to) the University of Sydney (Coursework) Rule 2010 (the 'Coursework Rule'), the Resolutions of the Faculty of education and Social Work the University of Sydney (Student Appeals against Academic Decisions) Rule 2006 (as amended) and the Academic Board policies on Academic Dishonesty and Plagiarism.

Course resolutions

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2 Attendance pattern

The attendance pattern for this course is full time only.

3 Cross-faculty management

(1) Candidates in this degree program will be under the general supervision of the Koori Centre.

(2) The Dean of the Faculty of Education and Social Work and the Director of the Koori Centre shall jointly exercise authority in any matter concerned with the combined course not otherwise dealt with in these resolutions.

4 Admission to candidature

Admission to candidature for the degree requires the applicant to be an Aboriginal or Torres Strait Islander person who is qualified for the award of the Diploma in Education (Aboriginal) of the University of Sydney but has not graduated from that course or has completed other qualifications deemed by the Director to be the equivalent.

5 Requirements for award

(1) The units of study that may be taken for this course are set out in the Diploma / Bachelor of Education (Secondary: Aboriginal Studies) Table of units of study.

(2) To qualify for the award of the Bachelor of Education (Secondary: Aboriginal Studies) a candidate must complete 192 credit points of units of study, as listed in the Table.

6 Progression rules

Except with the permission of the Director, a candidate must complete all unit of study requirements specified for each year, including Professional Experience units, before proceeding to the next year.

7 Award of the degree

The Bachelor of Education (Secondary: Aboriginal Studies) is awarded at Pass level only.

8 Cross-institutional study

Cross-institutional study is not available in this course.

9 International exchange

International exchange is not allowed in this course.
10 Course transfer

A candidate for the Bachelor of Education (Secondary: Aboriginal Studies) may elect to discontinue study and graduate with the Diploma in Education (Aboriginal), with the approval of the Director, and provided the requirements of the lower award have been met. Such a candidate may not re-enrol in the Bachelor of Education (Secondary: Aboriginal Studies) course.

11 Transitional provisions

(1) These resolutions apply to students who commenced their candidature after 1 January, 2011 and students who commenced their candidature prior to 1 January, 2011 who elect to proceed under these resolutions.

(2) Candidates who commenced prior to 1 January, 2011 may complete the requirements in accordance with the resolutions in force at the time of their commencement, provided that requirements are completed by 1 January, 2016 and provided that there is no suspension of candidature, in which case the candidature for any period shall proceed under the by-laws and resolutions in force at the time of re-enrolment. The Board of Studies in Indigenous Studies may specify a later date for completion or specify alternative requirements for completion of candidatures that extend beyond this time.
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