

# DESCRIPTIONS OF POSTGRADUATE UNITS

## Explanatory Introduction

Descriptions of all postgraduate units of study offered in 2004 are given on the following pages.

The unit descriptions include the following information:

### Unit Code and Name

The codes are abbreviations for a discipline or subject area, plus a number.

### Credit Points

The number of credit points attainable for the unit is shown in italicised type after the name.

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## Australian Centre for Educational Studies

Please note, not all of the units listed are available at all times; up-to-date information about unit availability is available from the relevant website (listed in the information for each program). Alternatively, you may enquire with the relevant contact person (also listed in the information for each program).

- \* Taught in flexible mode with weekend work shops in lieu of weekly seminars
- \*\* Taught on-Line
- \*\*\* Taught externally

### **ECED816\*\*\* Early Childhood Extension Unit**

*2 pg cp*

The unit allows students to extend prior learning from approved postgraduate training courses outside the University by undertaking a critical review of current literature.

### **ECED840\*\*\* The Mythology of the Family**

*4 pg cp*

This unit examines different modes of child rearing and education in a range of historical and cultural contexts. There will be a focus on the factors within given contexts that influence attitudes and values about families, particularly those that lead to an implicit view of what are “normal” or “natural” family structures and relationships.

### **ECED841\*\*\* Frameworks of Child Development**

*4 pg cp*

Theories of child development provide models and hypotheses about the developmental process. This unit examines preconceptions and assumptions about children’s development and how they influence the psychological theories and frameworks within which developmental research is carried out.

### **ECED842\*\*\* Contemporary Perspectives in the Arts and Early Childhood**

*4 pg cp*

This unit addresses contemporary perspectives, current issues and research priorities related to the arts and early childhood. Consideration is given to the following issues: construction of meaning through the arts, the development of artistry and aesthetic understanding, individual art forms and the question of integration and the rationales that inform arts curricula.

**ECED843\*\*\* Early Childhood Professional Challenges**

4 pg cp

Students will explore issues affecting early childhood services in the state, national and international arenas. Issues in pedagogy, partnership, politics and policy will form a framework for the consideration of early childhood services providing quality care and education for young children and services for families.

**ECED852\*\*/\*\* Research Methods in Early Childhood I**

4 pg cp

The unit aims to focus on methods commonly used in early childhood research in ethnographic, historical, descriptive and experimental studies. Issues such as determining the use of specific methodology, the nature of clinical and statistical significance, and the roles and contribution of qualitative and quantitative measurement will be considered.

**ECED853\*\* Research Methods in Early Childhood II**

4 pg cp

Students will develop skills in critiquing early childhood research and design of studies that reflect a range of research methodologies. The focus of the course will be on research methods applicable to early childhood.

**ECED854\*\*\* Minor Independent Investigation I**

4 pg cp

Prerequisite: Completion of a minimum 16 postgraduate credit points of the program, including the compulsory unit or permission from the Master of Early Childhood Coordinator.

Students will select a topic of interest in consultation with their supervisor and then conduct a comprehensive survey of the relevant research literature and submit an evaluative report.

**ECED858\*\*\* Minor Independent Investigation II**

4 pg cp

Prerequisite: Completion of a minimum 20 postgraduate credit points of the program, including the compulsory unit and ECED854 or permission from the Master of Early Childhood Coordinator.

Students will select a topic of interest in consultation with their supervisor and then conduct a comprehensive survey of the relevant research literature and submit an evaluative report.

**ECED880\*\*\* Language Development in Early Childhood**

4 pg cp

This unit will provide an overview of sociolinguistic and psycholinguistic approaches to the study of language development. Research on the child's language develop-

ment will be examined from its origins at birth through to school. The relationship between theories of language and models of language development will be explored.

**ECED881\*\*\* Arts — Advanced Elective**

4 pg cp

Students will explore issues impacting on arts policy, theory and practice in early childhood at the state, national and international level. The seminar enables students to analyse sociohistorical influences, political factors and trends in provision of arts in early childhood settings, with scope for individual areas of study.

**ECED882\*\*\* Early Childhood Pedagogy and Practice**

4 pg cp

This unit is designed for practitioners to examine current issues associated with early childhood pedagogy and practice. Students will analyse evolving approaches to early childhood education and identify relevant implications for their own practice. Emergent challenges to established practice will be considered and re-examination of personal and professional values associated with curriculum issues encouraged.

**ECED884\*\*\* Early Development and Early Intervention**

4 pg cp

Current research and controversies which are based on the relationship between theories of child development and changes in early intervention practice will be reviewed. These changes include caregiver-child interaction as a focus for intervention, emphasis on developmentally appropriate practice, parent participation in assessment and intervention and the use of case study information in planning and research design.

**ECED885\*\*/\*\* Child Development in Context**

4 pg cp

This unit is designed to assist students in developing a critical understanding of contemporary theory and research relating to children and families. Students will be exposed to current approaches in areas such as developmental psychology, social psychology and sociology. Consideration will be given to implications for early childhood practice and research.

**ECED886\*\*/\*\* Image, Speech, Text and the Child**

4 pg cp

In this unit we will explore the nature of the communication process, how children learn to communicate with those around them, and the role played by images (and other visual elements) in communicating meanings in contemporary society.

**ECED887\*\*\* Policy and Management in Early Childhood**

4 pg cp

This unit addresses the legal, financial and structural features of early childhood education in Australia. This will lead to a study of the context opportunities and constraints influencing leaders in early childhood education contexts.

**ECPD802 Organisation of Higher Education**

4 pg cp

Prerequisite: Candidates must be currently or recently teaching at University level.

This unit addresses the governance, structure and organisation of higher education sectorally and institutionally and also examines the implications of these arrangements for leaders and managers at both levels.

**ECPD803 Introduction to University Learning and Teaching**

4 pg cp

Prerequisite: Candidates must be currently or recently teaching at University level.

The unit is an introduction to theory and research in student learning, and its application to university teaching and course design. Seminars focus on approaches to teaching that foster active learning including collaborative and peer learning and problem-centred learning; cross-cultural issues in teaching and the use of technology to enhance learning.

**ECPD804 Learning and Teaching in Different University Contexts**

4 pg cp

Prerequisite: Candidates must be currently or recently teaching at University level.

The unit aims to increase participants' understanding of how learning and teaching theory informs teaching practice in different contexts within their own discipline area. It focuses on strategies for teaching large and small groups, lectures and tutorials, laboratories or any other contexts; and how to research and document their teaching as reflective practitioner participants.

**ECPD805 Curriculum Design and Assessment in Higher Education**

4 pg cp

Prerequisite: Candidates must be currently or recently teaching at University level.

The unit focuses on curriculum design in contemporary higher education. Participants will apply theories of course design to their courses, articulating goals and objectives, aligning them with content, structure and assessment tasks. It also focuses on innovative approaches to course design, including problem-based learning, flexible delivery, using technology; and assessment's crucial role in improving student learning.

**EDL901\* Educational Institutions as Organisations**

4 pg cp

This unit seeks to establish a sound theoretical and professional basis for educational administration by exploring the organisational nature of educational settings and examining the application of organisational and administrative theories in these settings.

**EDL902\* Leadership for Learning**

4 pg cp

This unit focuses on the nature of leadership, its relationship to management and administration, and what it means to lead for learning in a variety of educational contexts from early childhood to higher education.

**EDL903\* Organisation of Higher Education**

4 pg cp

This unit addresses the governance, structure and organisation of higher education sectorally and institutionally and also examines the implications of these arrangements for leaders and managers at both levels.

**EDL904\* Organisation of School Education**

4 pg cp

This unit addresses the legislative, historical, financial and structural features of school education in Australia. This leads to a study of the context opportunities and constraints influencing leaders in schools.

**EDL905\*\*\***

**Organisation of Early Childhood Education**

4 pg cp

The unit addresses the legal, financial and structural features of early childhood education in Australia. This will lead to a study of the context opportunities and constraints influencing leaders in early childhood education contexts.

**EDL906\*\* Organisation of Education and Work**

4 pg cp

This unit examines the major forms of tertiary and continuing education in Australia; their institutional and organisational settings; their social, political and economic context. The approach draws on a range of disciplinary and comparative perspectives.

**EDL907\* Legal Foundations for Leaders in Learning Institutions**

4 pg cp

This unit presents the legal frameworks which govern the provision of education and looks at specific legislation which has an impact on matters such as employment, copyright, equal opportunity, child protection and duty of care.

**EDL908\*\* Educational Research Methods I**  
4 pg cp

Excluded: EDUC342

This introductory unit is designed for students who have no previous experience in the area. Basic principles and concepts of educational research are introduced.

**EDL909\*\* Educational Research Methods II**  
4 pg cp

This unit aims to enable students to undertake a piece of independent research in education; to develop the knowledge and skills which will enable them to contrast different strategies and become familiar with variations in approaches to research; to gain awareness of ethical principles of the research process.

**EDL910\*\* Research Methods in Early Childhood I**  
4 pg cp

The unit aims to focus on methods commonly used in early childhood research in ethnographic, historical, descriptive, and experimental studies. Issues such as determining the use of specific methodology, the nature of clinical and statistical significance, and the roles and contribution of qualitative and quantitative measurement will be considered.

**EDL911\*\* Research Methods in Early Childhood II**  
4 pg cp

Students will develop skills in critiquing early childhood research and design of studies that reflect a range of research methodologies. The focus of the course will be on research methods applicable to early childhood.

**EPG803 Applying Educational Psychology**  
4 pg cp

This seminar, which may be of particular interest to educationalists, focuses on recent theoretical and research findings in the field of human development.

**EPG809\*\* Adult Learning**  
4 pg cp

The seminar focuses on theoretical and research findings related to the nature of the adult learner, learning, instruction, and evaluation. Opportunities are provided for participants to pursue their own interests within the overall seminar structure.

**EPG817\*\* Educational Research Methods I**  
4 pg cp

Excluded: EDUC372 and EDUC406

This introductory unit is designed for students who have no previous experience in the area. Basic principles and concepts of educational research are introduced.

**EPG818\*\* Educational Research Methods II**  
4 pg cp

This unit aims to enable students to undertake a piece of independent research in education; to develop the knowledge and skills which will enable them to contrast different strategies and become familiar with variations in approaches to research; to gain awareness of ethical principles of the research process.

**EPG820 Selected Topics in Education I**  
4 pg cp

In exceptional circumstances and after consultation with a full time staff member available for supervision and examination, an educational topic not available elsewhere may be studied.

**EPG821 Selected Topics in Education II**  
4 pg cp

Corequisite: EPG820

Unit description is as for EPG820 Selected Topics I. This unit will be taken only by students who have been approved for, or have completed, EPG820.

**EPG841\* Organisation of School Education**  
4 pg cp

This unit addresses the legislative, historical, financial and structural features of school education in Australia. This leads to a study of the context opportunities and constraints influencing leaders in schools.

**EPG842\* Legal Foundations for Leaders in Learning Institutions**  
4 pg cp

This unit presents the legal frameworks which govern the provision of education and looks at specific legislation which has an impact on matters such as employment, copyright, equal opportunity, child protection and duty of care.

**EPG847\* Educational Institutions as Organisations**  
4 pg cp

This unit seeks to establish a sound theoretical and professional basis for educational administration by exploring the organisational nature of educational settings and examining the application of organisational and administrative theories in these settings.

**EPG851\*\* Post-Secondary Education**  
4 pg cp

This unit examines the major forms of tertiary and continuing education in Australia; their institutional and organisational settings; their social, political and economic context. The approach draws on a range of disciplinary and comparative perspectives.

**EPG860 Education and the Workforce I**

4 pg cp

A comparative study is done of the relationship between education and the workforce in industrially advanced countries, especially the relationship between education, employment, occupational structure and income. Special attention is paid to the relationship between education and work in Japan and Australia.

**EPG870\*\* Sociology and Education**

4 pg cp

This unit explores the shifting connections between individual experiences and systems of education. Initially, the seminar examines the way sociological enquiries into education have been conducted. This provides a framework for further explorations. Students will have the opportunity to develop a research proposal in an area of interest.

**EPG875\*\* Curriculum Studies**

4 pg cp

An introductory unit designed for students who have not previously studied in the area. Basic curriculum studies issues and their social, cultural and educational implications are explored.

**EPG880\*\* Evaluation of Educational Programs**

4 pg cp

Prerequisite: EPG875, EPG817

This unit explores contemporary research and practice in the evaluation of educational programs. Students will design an evaluation study appropriate for their current workplace context.

**EPG909 Assessment Issues**

4 pg cp

This unit is designed as an introduction to issues in educational assessment with the focus on decision making rather than on formal psychometrics.

**EPG915 Teaching and Learning about the Environment**

4 pg cp

This unit examines the major learning processes involved in environmental education at school and community levels. Emphasis is placed on the communication and interpretation process, organisation of material and effective communication techniques in a wide range of settings and audiences. Specific problems will be approached via case studies, fieldwork and individual or group projects.

**EPG916 Resources and Networks in Environmental Education**

4 pg cp

This unit examines and evaluates the wide range of resources available for environmental education (both community based and those designed for schools). This

includes electronically accessed catalogues, and the effective collection and use of resources.

**EPG917 Design of Environmental Education Programs**

4 pg cp

An examination of the Environmental Curriculum Statement and its emphasis on a holistic environmental perspective across the key learning areas is conducted. This will lead to more detailed work on school-based curriculum design, implementation, programming of developmentally based learning activities through the grades and evaluation.

**EPG918 Environmental Interpretation and Community Education**

4 pg cp

This unit considers environmental interpretation as part of identification of environmental management goals and programs to achieve those goals. It also examines the role of the community in effecting environmental change through involvement at the local and state level.

**EPG927\*\* Educational Programs and Information Technology**

4 pg cp

This unit aims to develop and extend students' understanding of current issues in the areas of curriculum and information technology and to assist them to effectively apply this knowledge in fields of their own choice.

**EPG928 Supervision and Staff Development**

4 pg cp

The unit focuses on the supervisor's role in facilitating initial and ongoing professional and staff development of people within or preparing for the workforce.

**EPG932 Educational Policy Analysis in a Practical Context**

4 pg cp

Policy in education has become an important aspect of educational change. This unit focuses on the processes through which policy is generated and implemented, and how teachers and educators can more effectively participate in policy making.

**EPG933 ICT and Classroom Practice**

4 pg cp

Recent research into the implications of technologies for classroom teaching will be discussed and evaluated, and practical ways of applying knowledge about using ICT for educational purposes will be explored in relation to both generic and subject specific curriculum needs.

**EPG934 Education Project Stage 1**

4 pg cp

In consultation with a supervisor, candidates will undertake a critical review of the literature in a selected topic of interest. This review will normally form the basis for a

research study to be completed in EPG935 Education Project Stage 2.

### **EPG935 Education Project Stage 2**

4 pg cp

Candidates complete the research project begun in EPG934 and write a report of 10,000 to 12,000 words. Students may be permitted to re-enrol in this unit without academic penalty once only.

### **SPED801\*/\*\*/\*\* Key Research Issues and Methods in Special Education**

4 pg cp

Prerequisite: PASS or above in all previously completed SPED units (if any) or Permission of Head of Centre (PHC)

This unit examines the key principles and practices of research generally, and as it relates to special education. Students will gain both an understanding of a range of research methodologies and an ability to write academically and critically evaluate literature and research at an introductory level.

### **SPED802\*/\*\*/\*\* Instructional Technology I**

4 pg cp

Prerequisite: PASS or above in all previously completed SPED units (if any) or Permission of Head of Centre (PHC)

This unit provides an overview of instructional technology in special education. It focuses on empirically verified generic instructional methods and approaches that have broad application and may be seen to provide the foundation for contemporary special education.

### **SPED803\*/\*\*/\*\* Instructional Technology II (High Support Needs)**

4 pg cp

Prerequisite: PASS or above in all previously completed SPED units or Permission of Head of Centre (PHC)

Corequisite: SPED802

Not to Count for Credit With (NCCW): EPG803 for 1997-1998 and SPED803 for 1999-2001.

This unit focuses on students with high support needs and examines curriculum issues and instructional technologies. It provides a practical introduction and guide to developing relevant and meaningful educational programs for students with high support needs.

### **SPED804\*/\*\*/\*\* Effective Literacy Instruction**

4 pg cp

Prerequisite: PASS or above in all previously completed SPED units or Permission of Head of Centre (PHC)

Corequisite: SPED802

This unit is designed to provide students with the information and skills necessary to guide their instruction of students at risk of failure in the area of literacy. SPED804

focuses on current research-based theoretical, conceptual and pedagogical components of literacy.

### **SPED805\*/\*\*/\*\* Effective Numeracy Instruction**

4 pg cp

Prerequisite: PASS or above in all previously completed SPED units or Permission of Head of Centre (PHC)

Corequisite: SPED802

This unit is designed to provide students with the information and skills necessary to guide their instruction of students at risk of failure in the area of numeracy. SPED805 focuses on current research-based theoretical, conceptual and pedagogical components of numeracy.

### **SPED806\*/\*\*/\*\* Behaviour Problems and Classroom Management**

4 pg cp

Prerequisite: PASS or above in all previously completed SPED units or Permission of Head of Centre (PHC)

Corequisite: SPED802

This unit provides a comprehensive introduction to the management of students with significant communication problems and/or challenging behaviour, as well as students who are generally described as behaviour disordered. This unit focuses upon identification and assessment issues, with a strong practical emphasis on program development and intervention.

### **SPED807\*/\*\*/\*\* Communication Problems**

4 pg cp

Prerequisite: PASS or above in all previously completed SPED units or Permission of Head of Centre (PHC)

Corequisite: SPED802

This unit addresses communication in persons

with high support needs. Specifically considered are theoretical and conceptual issues related to communication, communication options, assessment approaches and intervention strategies.

### **SPED808\*/\*\*/\*\* Early Intervention**

4 pg cp

Prerequisite: PASS or above in all previously completed SPED units or Permission of Head of Centre (PHC)

Corequisite: SPED802

This unit examines the theoretical and practical aspects of providing early intervention programs for infants and young children in need of special education services, and their families. General topics covered will be models of service delivery, approaches to assessment and program development, early intervention research, transitions, integration, and collaborating with families and professionals.

### **SPED901\*\*\* Special Education Project Stage I**

4 pg cp

Prerequisite: Credit or above in minimum of 6 units (SPED801–808)

In consultation with a MUSEC academic staff member, students will undertake a major review of the research literature on a selected topic of interest and write an academic review article in a form suitable for submission to a refereed journal.

### **SPED902\*\*\* Special Education Project Stage II**

4 pg cp

Prerequisite: Credit or above in minimum of 6 units (SPED801–808)

Following consultation with the academic supervisor for SPED901, students will implement a small scale research project. Projects will normally involve an intervention, but surveys, policy analysis and program evaluation may also be appropriate. This stage will be an extension to SPED901, using as the foundation for the project the information arising from the literature review.

The following is an indication of general areas of research interest which may be considered for the research project:

- Augmentative and alternative communication
- Classroom behaviour and its management
- Curriculum-based measurement of reading
- Defining and assessing number sense
- Development with disabilities
- Early intervention
- Early mathematics instruction for young children with disabilities/learning difficulties
- High Support Needs
- Learning and behaviour difficulties
- Literacy instruction
- Older low-progress readers
- Reading assessment
- Reading fluency
- Transition from early intervention to kindergarten
- Young children with disabilities/learning difficulties

This is a full-year unit which requires students to attend the first and second semester seminars in the Research Seminar Series of the Accounting and Finance Department. The seminars range over a variety of areas and topics, and are presented by a variety of local, interstate and overseas academics and researchers.

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## Division of Economic and Financial Studies

### **ACCG805 Research Methodology in Finance**

4 pg cp

This unit commences with an overview and critical analysis of the methodology of contemporary research in finance. The balance of the unit examines theoretical and empirical issues related to the pricing of securities in financial markets.

### **ACCG806 Risk Management and Derivatives**

4 pg cp

This unit examines current techniques for measuring and managing the financial risk faced by corporates and financial institutions, with an emphasis on the practical use of derivative financial products such as forwards, futures, swaps and options to manage risk.

### **ACCG807 Research Seminar in Accounting and Finance**

4 pg cp

### **ACCG812 Information Technology Management**

4 pg cp

This unit examines issues affecting information systems in modern organisations and how to manage those issues within a technology-based environment. The unit covers the structure of an information technology unit within an organisation and its relationship with the entire organisation.

### **ACCG818 Investments**

4 pg cp

This unit provides an understanding of the theory, empirical evidence and practice of security selection and portfolio management. Models of security pricing are reviewed during the first weeks of the semester. The latter part of the unit concentrates on elements of portfolio management.

### **ACCG822 Information Systems in Business**

4 pg cp

The objective of this unit is to increase the student's ability to recognise, describe, analyse and design information systems from a business professional's viewpoint. Achievement of this objective will make the student more able to play an effective part in information system development, management and use, and more able to communicate effectively with information system professionals.

**ACCG825 Management Accounting:  
Strategy and Control**

4 pg cp

This unit examines how management accounting operates within an organisation's overall control system and how it adapts in response to strategic change. Management accounting techniques such as costing, performance evaluation and capital budgeting will all be shown to be used differently according to the strategic direction of the organisation.

**ACCG827 Entrepreneurship and Business  
Strategy**

4 pg cp

The focus is to create an awareness of the strategic role of managers in dealing with issues that will have an impact upon the future direction of organisations of all sizes.

**ACCG828 Management Control Systems**

4 pg cp

This unit is concerned with the design and operation of management control systems, in particular, accounting-related controls. There are two main aspects to understanding accounting-related controls operations: control techniques and the behavioural implications of those techniques.

**ACCG832 Business and Financial  
Analysis**

4 pg cp

This unit will commence with an overview of the construction of financial statements then proceed to identify and evaluate the available analytical tools, in particular ratio analysis, cash flow analysis and financial forecasting. The unit examines the use of financial statements in company valuation, insolvency prediction and equity investment.

**ACCG833 Professional Qualifying  
Program—CPA**

8 pg cp

This unit constitutes the CPA program of the CPA Australia.

**ACCG834 Professional Qualifying  
Program—CA**

8 pg cp

This unit constitutes the CA program of the Institute of Chartered Accountants in Australia.

**ACCG835 International Accounting**

4 pg cp

This unit is concerned with issues in both financial and management accounting in international contexts. Particular attention is given in the unit to the impact of national culture.

**ACCG837 Capital Markets**

4 pg cp

This unit provides an overview of the operation of the capital markets in Australia. The financial institutions are described and the securities offered by these institutions are reviewed. Emphasis is placed on the financial instruments available to companies and investors from the equity, debt and derivative markets.

**ACCG838 Business Valuation**

4 pg cp

This unit examines the many techniques commonly employed in assessing the value of whole businesses and individual parts of businesses, how to select an appropriate technique for a particular valuation task, and how to apply the technique in practice.

**ACCG839 Portfolio Management**

4 pg cp

This unit provides a basis for effective management of investment portfolios. The relevance of finance theory to the practice of portfolio management is a feature of this unit. Techniques of portfolio management are applied using a simulation.

**ACCG840 Personal Financial Planning**

4 pg cp

This unit will cover all major areas of financial planning and explore planning strategies using a case study approach covering the areas of taxation, managed and listed investments, the superannuation environment and self management, risk management, retirement and estate planning. Students will be required to work in groups on an integrative financial planning project.

**ACCG845 Performance Measurement and  
Management**

4 pg cp

This unit is designed for students who are interested in gaining an understanding of performance measurement systems used in contemporary organisations to achieve their organisational objectives successfully. The unit critically examines issues related to integrating performance measurement systems and strategy implementation, measuring performance of business units and employees, and linking performance measurement to reward systems.

**ACCG849 Economic Analysis**

3 pg cp

This unit provides an introduction to modern economic analysis. The first half of the unit is devoted to macroeconomics which examines in the context of the Australian economy the problems associated with inflation, unemployment and balance of payments, while the second half deals with a study of the theory and application of microeconomics.



### **ACCG851 Business Law**

3 pg cp

Reviews (i) the legal system, including sources of law and legal institutions, torts; (ii) contract law, including offer and acceptance, intention, consideration, vitiating factors, breach of contract, remedies for breach, and sale of goods; (iii) commercial law, including consumer law, trade practices law, principal and agent, property, trusts, insurance law, banking law, cheques and bankruptcy.

### **ACCG852 Managerial Accounting**

3 pg cp

Prerequisite: ACCG862

This unit is concerned with the principles and practices of an internal cost and management accounting system. It focuses on the accumulation of cost and financial data and the presentation and role of such data in assisting management decisions, particularly decisions concerning product and service output, pricing and the planning and control of the organisation's manufacturing and non-manufacturing functions.

### **ACCG853 Accounting Information Systems**

3 pg cp

Prerequisite: ACCG862

This unit introduces students to the theory and practice of accounting information systems. It includes a study of the following areas: information technology and the documentation of systems; the use of different systems, and electronic commerce; system planning, development, and control; computer ethics, computer crime, and other contemporary topics.

### **ACCG854 Company Law**

3 pg cp

Prerequisite: ACCG851

This unit reviews company law, including administrative regime, the company as a legal person, classifying companies, memorandum and articles, the process of incorporation and formal requirements of management afterwards, promoters and pre-incorporation contracts, internal organs including meetings, directors' duties and shareholder's rights.

### **ACCG855 Corporate Accounting**

3 pg cp

Prerequisite: ACCG862

This unit focuses on the accounting issues that pertain to the corporate form of organisation operating in the private sector. It includes an examination of the framework for regulating corporate financial reporting in Australia, as well as an in-depth study of the requirements for the preparation of financial statements for a group of companies operating under common control.

### **ACCG856 Auditing and Assurance Services**

3 pg cp

Prerequisites: ACCG855, ACCG853

The unit is structured within the framework of the audit risk model and examines the main components of that model—inherent risk, control risk and detection risk with reference to auditing standards.

### **ACCG857 Taxation Law**

3 pg cp

Prerequisite: ACCG851

An examination of the legal and constitutional basis of taxation in Australia with consideration of the legal concepts of income and capital and the fiscal treatment of individual, corporate, and other taxpaying entities. A review is made of the general and specific provisions of the Income Tax Assessment Act and allied Acts, together with a brief comparative look at taxes in other fields.

### **ACCG858 Financial Management and Policy**

3 pg cp

Prerequisites: ACCG849, ACCG860, ACCG862

This unit is designed to equip students with a basic understanding of financial theory and the techniques of financial planning and analysis. Topics include financial mathematics, valuation of corporate securities, measurement and analysis of risk, including a discussion of portfolio theory and the capital asset pricing model.

### **ACCG859 Current Issues in Accounting**

3 pg cp

Prerequisite: ACCG855

This is an advanced unit in financial accounting which examines a broad range of issues that are of current concern to both the accounting profession and accounting information users. Topics include conceptual framework project; leases; construction contracts; extractive industries; earnings per share and cash flow analysis.

### **ACCG860 Quantitative Methods**

3 pg cp

This unit is intended to provide an understanding of the quantitative and statistical techniques which are frequently used in accounting and financial studies. These require logical reasoning, objective analysis, and inferences based on empirical evidence. Basic statistical techniques such as probability, sampling, measurement, correlation, regression and hypothesis testing are covered.

### **ACCG861 Principles of Accounting A**

3 pg cp

This unit presents accounting as an information system designed to process economic data systematically to enable the preparation of financial statements that will provide relevant information for the making of economic decisions. The unit commences with an identification

of users of accounting reports and their needs for information. The income statement, the balance sheet and the retained profits statement are examined, including the underlying ledger recording processes and the meanings and limitations of major items in financial statements.

### **ACCG862 Principles of Accounting B**

*3 pg cp*

This unit follows on from ACCG861 Principles of Accounting A. It examines general purpose financial reporting from the perspective of a single incorporated entity. In doing so, the unit emphasises the development of a conceptual understanding of accounting in addition to instruction in accounting procedures. Topics covered include statutory reporting requirements, accounting standards and the conceptual framework project, cash flow statements, the measurement of non-current assets and liabilities, analysis and interpretation of financial statements.

### **ACCG871 Advanced Corporate Accounting**

*4 pg cp*

This is an advanced unit in financial accounting that examines accounting for business activities conducted through a corporate group structure. As such, the unit deals with the preparation of consolidated income statements, balance sheets and cash flow statements, equity accounting, joint ventures, foreign transactions and subsidiaries and other topics in the area of group accounting.

### **ACCG872 Advanced Financial Reporting**

*4 pg cp*

This advanced financial accounting unit examines a number of accounting standards from a practical and profession-oriented perspective. The regulatory environment, the impact of the conceptual framework and problems with standard setting are considered.

### **ACCG882 Advanced Taxation**

*4 pg cp*

This unit looks at the key areas of taxation including income tax, indirect taxes and fringe benefits tax with an emphasis on its practical application. The unit is broken up into seminars which will be in the form of the discussion of assigned questions on specified topics which, in the main, will apply the law to various fact situations.

### **ACCG884 Current Issues in Tax and Corporate Law**

*4 pg cp*

This unit will examine a selection of current issues in taxation and corporations law with respect to relevant legislation, case law and practical application. Topics will include indirect taxes (stamp duty, payroll and GST), capital gains tax, fringe benefits tax, tax planning issues, corporate law reform and corporate governance issues.

### **ACCG890 Corporate Financial Forecasting**

*4 pg cp*

The aim of this unit is to investigate, from both a theoretical and applied perspective, the role of forecasting in corporations. Why do corporations need forecasts, what methods do they use to generate and evaluate forecasts, and what weight do they place on forecasts in decision making?

### **ACCG893 Research Methodology in Accounting**

*4 pg cp*

This unit examines research methods commonly used in accounting and auditing research. The methods covered are experimental, survey, field study and historical research. The unit is structured to allow students to gain an understanding of the research process and to be able to read and evaluate research studies.

### **ACCG896 Quantitative Methods in Accounting and Finance**

*4 pg cp*

This unit is designed for students undertaking a research project. It introduces and provides experience in using some of the most common quantitative and statistical methods used in contemporary accounting and finance research.

### **ACCG899 Research Project**

*4 pg cp*

Prerequisites: ACCG893 or ACCG805, and possibly ACCG896 depending on the project

Students will work under supervision on a research project of their own choice which will enable them to apply the theoretical and analytical knowledge developed during the course to a substantive problem relevant to their area of specialisation. The project may be academic or industry related.

### **ACST801 Actuarial Research Project**

Students will work under supervision on a research project which will enable them to apply their actuarial skills to a substantive problem relevant to their area of specialisation. This unit is only available for students with an excellent academic record. Students should consult with academic staff in order to develop an appropriate research topic.

### **ACST815 Superannuation**

*4 pg cp*

Topics include: a market overview and historical perspective; the introduction of compulsory superannuation (award based and superannuation guarantee); the prudential requirements protecting superannuation fund members; superannuation in the government's retirement incomes policy; tax concessions and superannuation; social legislation affecting superannuation (eg family law and anti-discrimination legislation).

**ACST827 Corporate and Structured Finance**

4 pg cp

This unit examines principles and techniques underlying corporate financial and capital markets. Different modelling techniques and other tools of quantitative analysis including valuation and risk management for capital projects and securities will be examined.

**ACST828 Options, Futures and Derivatives**

4 pg cp

This unit examines the principles and techniques underlying derivative markets. It seeks to assist students to develop an ability to use the results from quantitative analysis along with professional judgment in the analysis of problems in the financial derivatives and capital markets area.

**ACST831 Actuarial Control Cycle 1**

**ACST832 Actuarial Control Cycle 2**

4 pg cp (each)

These units develop and apply the actuarial principles and practices underlying the design, assessment, management and control of financial systems in the areas of life insurance, general insurance, and superannuation, as well as other less traditional areas of actuarial practice.

**BCA801 Epidemiology**

4 pg cp

On completion of this unit students should be able to judge the quality of evidence of research literature on any health-related topic, and to calculate basic epidemiological measures.

**BCA802 Mathematical Background for Biostatistics**

4 pg cp

On completion of this unit students should be able to follow the mathematics used in biostatistics at Masters level, and to understand the mathematics behind statistical methods introduced at that level.

**BCA803 Health Indicators and Health Surveys**

4 pg cp

The aim of this unit is the comparison of population measures of mortality, illness, fertility and survival; main sources of routinely collected health data; collection analysis and interpretation of survey data.

**BCA804 Data Management and Statistical Computing**

4 pg cp

On completion of this unit students should have an understanding of the impact of computers and large data sets, on the way we think about, analyse and report on them. The unit will be built around: primary data to address specific questions (health survey, clinical trial);

routinely-collected data (hospital in-patient data); process monitoring over time (quality monitoring, infection control).

**BCA805 Principles of Statistical Inference**

4 pg cp

The aim of this unit is to provide a basic foundation in the concepts and methods of statistical inference, with emphasis on practical aspects of interpretation and communication of statistical conclusions in health research.

**BCA806 Clinical Biostatistics**

4 pg cp

The aim of this unit is to enable students to use statistical methods of particular relevance to evidence-based health care and to advise clinicians on the application of these methods and interpretation of the results.

**BCA807 Design of Experiments and Randomised Clinical Trials**

4 pg cp

On completion of this unit students should be able to understand the principles of design and analysis of experiments, including randomised clinical trials.

**BCA808 Linear Models**

4 pg cp

The aim of this unit is to enable students to apply linear models to biostatistical data analysis, with major emphasis on practical interpretation and communication of results.

**BCA809 Categorical Data and Generalized Linear Models**

4 pg cp

The aim of this unit is to enable students to apply generalized linear models (GLMs) to analysis of categorical data, with major emphasis on the practical interpretation and communication of results.

**BCA810 Bioinformatics and Statistical Genetics**

4 pg cp

An introduction to the fields of bioinformatics and genetic epidemiology from a statistical point of view. The unit provides a basic understanding of modern genetics and appropriate statistical methods for the analysis of genetic data from studies of human subjects.

**BCA811 Longitudinal and Correlated Data**

4 pg cp

The aim of this unit is to enable students to apply appropriate methods to the analysis of data arising from longitudinal epidemiological or clinical studies, and from studies with other forms of clustering (cluster sample surveys, cluster randomised trials, family studies).

### **BCA812 Work Placement for Project**

8 pg cp

The aim of this unit is to expose students to real-life biostatistical problems, in government, industry or a research environment, under supervision of an experienced biostatistician, so that they can practice and develop the skills they have learnt. Students will be required to compile a portfolio of their on-the-job experience, or write a treatise/dissertation on the analysis of a complex data set.

### **BUS800 Electronic Commerce**

4 pg cp

This unit examines e-commerce from a marketing and strategic perspective. The unit includes a laboratory-based technology component which provides an opportunity for students to learn to create an e-Commerce website; to use and develop commercial data bases; and to use the Web for commercial research purposes.

### **BUS801 Business Forecasting**

4 pg cp

This unit examines forecasting approaches and techniques relevant to business situations. It provides an opportunity to learn about the role of forecasting in business, the information system and data requirements for forecasting, and practical forecasting techniques.

### **BUS802 European Business**

4 pg cp

This unit provides a thorough introduction to the business environment of the European Union, the world's single largest market. It reviews the different types of organisations, analyses their financing, business strategy and operational management. Economic and industry policies governing the European Union are also examined.

### **BUS803 Strategic Operations Management**

4 pg cp

This unit examines structural and strategic change processes occurring within "virtual" (or "boundaryless") business organisations. Topics include: value and supply chains; market structures; customer value expectations; the value chain components of relationship management, knowledge management and technology management.

### **BUS804 International Business Strategy**

4 pg cp

This unit will draw upon concepts and theoretical frameworks from interdisciplinary sources as well as practical industry and firm-level case studies in order to examine various issues relevant to conducting business across national borders. This unit will address not only the economic dimension of the international business environment, but also its political, cultural and technological dimensions, all of which interact in complex ways to generate opportunities and threats at the firm level.

### **BUS850 Management of People at Work**

4 pg cp

This unit analyses the processes of human resource management and industrial relations within the contemporary business environment. Emphasis is given to contemporary Australian business practices within human resource management and industrial relations supported by appropriate analyses of international best practice.

### **BUS851 Comparative Human Resource Management**

4 pg cp

This unit considers the international and cross-cultural dimensions of human resource management (HRM) theory and practice. In particular, the unit focuses on a series of comparative management studies among a number of Asia Pacific countries and draws out their implications for HRM in multinational organisations, joint ventures and Australian companies' overseas operations.

### **BUS852 International Taxation**

4 pg cp

This unit examines the impact that taxation considerations have in the international business environment. Recent trends in the taxation of international transactions will also be identified and critiqued. To give the unit a practical focus, case studies of typical investment tax problems will be examined.

### **BUS853 Management of Change within Organisations**

4 pg cp

This unit will examine many of the contemporary change and development processes used successfully (and, sometimes, unsuccessfully) within Australian and international organisations. Organisational change and development activities can have a significant and lasting impact upon those directly associated with the business, most notably upon employees.

### **BUS854 Managing Cultural Diversity in Business**

4 pg cp

This unit discusses the implications for organisational leaders in view of increasing cultural differences between individuals and groups within and between organisations. In particular the unit examines practical problems and opportunities in managing human diversity in contemporary cross-cultural and international settings.

### **BUS855 Information Technology and the Knowledge Economy**

4 pg cp

This unit examines the role of information technology and knowledge management in firms. It considers the issues for business resulting from the rapid changes in information technology. The implications of the growth in demand for knowledge management are examined. A particular focus is emerging globalisation trends and their

implications for firms and countries in the Asia-Pacific region.

**BUSL832 Business Transactions Law**

*4 pg cp*

This unit examines the law of contracts and statutory additions to it, injecting standards of fair dealing into contractual transactions. Accordingly, the consumer provisions of the Trade Practices Act and the Fair Trading Act, will be examined. Assessment consists of essays or assignments.

**BUSL833 Business Property Law**

*4 pg cp*

This unit examines aspects of property law relevant to managers, including land law and intellectual property. Assessment consists of essays or assignments.

**BUSL834 Law of Business Enterprises**

*4 pg cp*

This unit examines the law governing business enterprises from the manager's perspective, including company law, insolvency and restrictive trade practices. Assessment consists of essays or assignments.

**BUSL851 International Commercial Law**

*4 pg cp*

This unit examines topics in international trade law, including WTO/GATT, the Vienna Convention on the international sale of goods, letters of credit, the Unidroit principles, carriage of goods by land/sea/air and international commercial arbitration. (Topics to be covered may vary from year to year)

**BUSL852 Trade Practices Law**

*4 pg cp*

This unit examines the Trade Practices Act (consumer law, restrictive trade practices, unconscionability provisions, etc) and related areas of law.

**DEM800 Demographic Analysis in Business**

*4 pg cp*

This unit will cover topics such as the sources of business-related demographic, social and economic data, the impact of demographic changes on the business environment, and the use of demographics in marketing and other business decision-making processes. Students will receive hands-on experience of accessing and analysing census data at national, state and local levels using major databases.

**ECFS842 Mergers and Acquisitions**

*2 pg cp*

This unit covers current trends, valuation techniques and regulations on corporate control. Statutory rules and market techniques for takeover bids, mergers, schemes of arrangement and other types of corporate restructuring are covered. Other topics include the impact of trade practices laws, regulations to restrict shareholding levels,

accounting for goodwill, due diligence and post-merger integration and corporate performance.

**ECFS845 Applied Portfolio Management**

*2 pg cp*

Modern portfolio theory is applied to management of institutional investment portfolios. Issues include modern portfolio theory, asset allocation, portfolio insurance, inflation and hedging, international investing and performance evaluation.

**ECFS849 Research Paper**

*2 pg cp*

Students complete a research paper of about 10,000 words.

**ECFS850 Corporate Treasury Management**

*2 pg cp*

This unit provides insight into a Corporate Treasury environment. A risk management framework is built through exposure identification, goal setting, performance measurement and benchmarking. Other key topics include liquidity management, cashflow at risk, and capital raising choices. Case studies are used to illustrate key topics.

**ECFS854 Strategic Marketing in Finance**

*2 pg cp*

Development of appropriate strategic and marketing programs are the major influences on the profitable growth of any firm. Specific topics are strategy formulation; business planning; marketing management; distribution and e-commerce; and pricing and promotion. A wide range of case studies are used.

**ECFS857 Credit and Lending Decisions**

*2 pg cp*

The emphasis is on cash flow lending and covers lending to individuals and companies, retail to commercial lending and relationship banking. Techniques are analysis of a company, cash flow modelling and loan portfolio management. Issues include credit assessment, risk evaluation, problem loans, portfolio segmentation, credit scoring, lending and credit policy.

**ECFS860 Swap Book Management**

*2 pg cp*

This focuses on managing risks from making a market in swap products. Beginning with position-taking and sources of risk, zero-coupon yield curves are derived and applied to models for pricing of swaps. Pricing models are used to measure and control market risk in a swap portfolio. Case studies illustrate positioning the portfolio to reflect a market-maker's views, subject to risk constraints.

### **ECFS864 Property Investment**

*2 pg cp*

The focus is on property as an asset class, measurement of property yields, property sectors and cycles, and risk management of property investment. Also examined are applications of portfolio theory to property, asset allocation trends, property trusts and other structures, impact of taxation and feasibility studies.

### **ECFS865 Investments**

*4 pg cp*

This covers key building blocks required when studying many of the other courses. It focuses on the tools and techniques to understand investment markets and construct investment portfolios. The course contains an analysis of the risk and return characteristics of debt and equity markets, an overview of modern portfolio theory, as well as asset pricing models and performance measurement techniques. Attention is paid to both use of theory to make decisions as well as the limits of theory in real life.

### **ECFS866 Corporate Finance**

*4 pg cp*

This is concerned with valuing corporate assets and how they should be financed. It is based on the theory and methods developed in investments. There is considerable emphasis on valuation techniques. Capital structure is analysed extensively for its effect on corporate value. Other topics include mergers and acquisitions, capital raising and international investment decisions.

### **ECFS867 Financial Instruments**

*4 pg cp*

This unit covers the structure, pricing and uses of the key financial instruments, including foreign exchange and debt instruments for the spot, forward, futures, swap and option markets. Operational issues such as trading, market-making and arbitrage are outlined, leading to an introduction to financial engineering.

### **ECFS868 Financial Risk Management**

*4 pg cp*

This offers a comprehensive approach to risk management, combining key technical skills with management issues. Technical skills include option pricing and risk measurement. Strategic risk management is taught in a series of cases, including recent financial market disasters. The unit analyses risk from the perspective of banks, fund managers and corporate treasuries.

### **ECFS871 Risk and Portfolio Construction**

*4 pg cp*

Portfolio construction is a vital part of an institutional investment manager's mandate and the environment for decision making. To give maximum portfolio return while controlling these risks, many methods of optimisation of portfolios are proposed, with spreadsheets and using data sets encountered in practice. The effect of

management structure, control and marketing is also discussed.

### **ECFS874 Legal and Tax Risk in Finance**

*4 pg cp*

This unit assesses legal risk commonly arising in financial transactions in Australia and encourages development of skills of legal analysis and reasoning. Introducing general principles of company, contract, property and security law, it focuses on the legal basis on which financial intermediaries enter into transactions with clients, drawing attention to potential sources of legal liability.

### **ECFS876 Structured Finance Law**

*2 pg cp*

This unit covers legal issues of financiers and clients in arranging debt capital markets, securitisations and asset and other structured financial transactions, with examples of legal techniques and structures. It develops legal principles and skills of legal analysis and shows how they are used to structure funding of complex transactions.

### **ECFS877 Project Finance**

*2 pg cp*

The rationale for project finance is examined. A risk system is used to identify and allocate risk in structuring of project financing. Cashflow measures are defined and contrasted with corporate finance. Funding, political risk structuring, capital market developments and the international character of the industry are highlighted.

### **ECFS880 Infrastructure and Property**

*2 pg cp*

This unit deals with principles, issues and documentation in structuring and arranging finance for property and infrastructure projects. It also covers practices and procedures in real estate developments and infrastructure projects and focuses on project financing principles and techniques of property developments and smaller infrastructure projects.

### **ECFS881 Derivatives Valuation**

*2 pg cp*

This course deals with quantitative issues for derivatives market practitioners. The course looks at key numerical techniques and applies them to value exotic, GARCH and interest rate options in cases where classical Black-Scholes assumptions are inappropriate.

### **ECFS882 Exotic Options**

*2 pg cp*

This unit covers many types of exotic options, including average rate options, used often in the commodity markets, and barrier options, common in the foreign exchange markets. Others include: basket options; reset, shout, ladder options; and two-asset options. We cover product descriptions, motivations, trading risks, pricing methods and hedging techniques.

### **ECFS883 Venture Capital**

*2 pg cp*

This unit seeks to understand what venture capitalists do and the way venture capital organisations work. The focus is on the financial and operational activities of venture capital, from raising and structuring a fund, to assessing opportunities, investing, managing investments and exiting.

### **ECFS886 Debt Capital Markets**

*2 pg cp*

An overview of debt capital markets available in the domestic market with focus on corporate bonds, securitisation and credit derivatives. The key issues and trends affecting the global markets are examined. Practical issues and the mechanics of execution of transactions in various market environments are discussed.

### **ECFS888 Economics of Financial Markets**

*2 pg cp*

This unit covers the role of economic factors in financial markets. Topics include the structure and growth of the economy; determination of interest rates, exchange rates and equity prices; intermediation, security markets and derivatives; economics of regulation; and the role of economists.

### **ECFS889 Taxation in Finance**

*2 pg cp*

This unit examines tax issues in finance. Topics are infrastructure, project financing and leasing; inbound investment; foreign exchange and risk management; advanced debt securities; outbound investment; and superannuation.

### **ECFS892 Managing Innovation**

*2 pg cp*

Why does development of new products, services and technologies prove to be difficult in financial firms? This unit deals with identifying, screening and developing new financial products and services, and ways to institutionalise good innovation practice. Emphasis is on balancing technical skills with practical skills to manage innovation in a world of organisational politics, conflicting objectives, scarce resources and uncertain outcomes.

### **ECFS895 Private Equity Investment**

*2 pg cp*

Private equity investing covers early stage investing, expansion capital, management buyouts and infrastructure style investing. A focus is determining a capital structure that suits an investee company, given its business structure and the interests of stakeholders. It also establishes an appropriate set of incentives and penalties to achieve desired outcomes. Other issues include valuing, negotiating, monitoring and exiting.

### **ECFS896 Credit Risk Management**

*2 pg cp*

This unit covers techniques of credit risk management, with emphasis on portfolio models. Models measuring probability of default and loss given default are covered. The course then deals with credit portfolio management and examines portfolio models. Credit capital allocation in banks is covered, as are techniques of active portfolio management, such as credit derivatives and structured credit transactions.

### **ECFS897 Managing Shareholder Value**

*2 pg cp*

This explores a business model to integrate key decisions of a business to create and deliver shareholder value. It covers valuation, strategy development, resource allocation, organisational structure, performance management and management compensation along with how to keep a strong shareholder focus within an organisation. The course stresses links between these areas.

### **ECFS898 Managing Energy Risk**

*2 pg cp*

The focus of this unit is on managing energy risks, principally electricity and gas, in a deregulated market with various ways to mitigate risk. It assumes knowledge of derivatives pricing and of enterprise risk management. It emphasises the need for an integrated understanding of energy markets, as well as available financial instruments.

### **ECFS899 Modelling Financial Risk**

*2 pg cp*

This extends concepts taught in Financial Risk Management. It is intended to provide skills for quantitative analysis to model and control financial risks. The focus is primarily on market risk and the tools used to measure and manage risk. Model risk, liquidity risk and operational risk will also be covered. Case studies are used.

### **ECFS991 Equity Capital Markets**

*2 pg cp*

This gives a practical understanding of how a company must operate in the equity capital markets, drawing on principles in Investments and Corporate Finance. Topics examine initial public offerings, secondary offerings, the equity capital market's regulatory framework (both legal and stock exchange), backdoor listings and selected cross-border issues.

### **ECFS992 Hedge Funds**

*2 pg cp*

This unit begins with a definition and history of the hedge funds industry and then a range of different strategies. Within each strategy, concepts such as opportunity, risk/return, capacity and liquidity are discussed. The unit course also covers construction of multi-manager and multi-strategy portfolios as well as the role of hedge funds in a diversified portfolio.

### **ECFS993 Negotiation in Finance**

2 pg cp

This unit covers practical aspects of negotiation in corporate finance. Sessions draw on game theory, psychology, interpersonal skills, business ethics, conflict resolution and agency issues. Emphasis is given to preparing for negotiations, negotiation strategy and assessment of benefits for each party, together with responding to external factors.

### **ECFS994 Cashflow Structuring**

2 pg cp

This unit course covers issues in analysing and structuring cashflows in financial transactions. We examine common measures of cashflows and complexities added by tax and leverage. Principles are stressed and practical issues in implementing those principles. Leasing products are studied, together with tips on using spreadsheets.

### **ECON822 Microeconomics**

4 pg cp

An intensive analysis of the major topics in microeconomics. The course covers the theory of consumer behaviour, the theory of production and costs, market structures from perfect competition to monopoly, factor markets and elementary welfare economics. The theory is taught in an applied context.

### **ECON823 Macroeconomics**

4 pg cp

An intensive course in macroeconomics. Topics include: business cycle and economic growth, saving and investment, the monetary sector, fiscal and monetary policy: balance of payments, exchange rates, inflation and unemployment.

### **ECON828 International Investment and Risk**

4 pg cp

Analysis of international portfolio and foreign direct investment, international cost of capital; role of derivatives in global financial markets; international differences in the cost of capital; global bonds and equities indices; foreign direct investment; hedging of international equity and bond portfolios in the forward market and with stock index futures and options.

### **ECON835 Applied Econometrics II**

4 pg cp

The aim of this unit is to familiarise students with the use of econometric techniques in applied economics. Journal articles are selected to illustrate the different econometric techniques introduced in this unit. Topics covered include principles of modelling; time-series analysis; simultaneous equations; limited dependent variables.

### **ECON840 Applied Econometrics I**

4 pg cp

This unit introduces statistical techniques used by economists in the analysis of economic and financial data. Topics covered include descriptive statistics, probability distributions, sampling and sampling distributions, point estimation and interval estimation, hypothesis testing, regression analysis, elementary discussions of multicollinearity, autocorrelation, and heteroscedasticity.

### **ECON842 Principles of Monetary Economics**

4 pg cp

This unit is concerned with the role of money in the economy; integration of monetary and value theory; rational expectations; money supply process; monetary implications when reserve requirement is zero; optimum supply of money; demand for money; financial model building; theory of interest rates; term structure of interest rates; Ricardian equivalence; credit rationing.

### **ECON844 Monetary and Financial Policies**

4 pg cp

This unit examines a number of issues related to the conduct of monetary and financial policies. Topics covered include the definition of money, monetary targets and instruments, the indicator problem; decision making under uncertainty, policy reaction functions; the government budget constraint; control of monetary aggregates; rules versus discretion, nominal income, inflation and exchange rate targeting.

### **ECON846 International Monetary Policy**

4 pg cp

The objective of this course is to examine selected issues in international monetary economics. The selected issues include: reform of the international monetary system and role of the IMF; savings, investment and the current account, international liquidity, central bank intervention, external debt and European monetary union.

### **ECON847 International Trade**

4 pg cp

This unit examines international trade both in theory and practice. Topics include: inter- and intra-industry trade determination, explicit and implicit trade barriers, trade and developing countries, trade blocs, Australia's trade and balance of payments, international trade and exchange rate movements, and international factor movement.

### **ECON850 Economic Evaluation and Policy**

4 pg cp

This unit examines the role of economic evaluation in public policy making and includes practical applications. Topics examined include the nature of public decisions, social objectives of efficiency and justice, the role of economics, the philosophical foundations of economics (value judgments and welfare criteria), the role of mar-



kets and prices, the role of cost-benefit analysis and other evaluation methods.

**ECON851 Public Finance**

*4 pg cp*

This unit examines public finance in theory and practice. It includes the nature and growth of the public sector, public versus private production; tax structure and criteria in Australia; equity and efficiency considerations in taxation policy; taxation, incentives and income distribution; tax reforms and international comparisons (income, consumption, wealth and property taxes).

**ECON852 Industry Regulation and Public Enterprise**

*4 pg cp*

This unit is concerned with economic theory and policy of industry regulation and public enterprise as applicable in Australia and overseas. Topics covered include public utility pricing, contracting out, privatisation, natural monopoly and contestability, merger policy, predatory pricing, consumer protection, competition policy rent seeking and regulatory capture.

**ECON853 Economics of Public Issues**

*4 pg cp*

This unit covers selected topic areas with an emphasis on the application of economic theory and research methods to particular public issues, including education, environment, energy policy, tourism, defence, housing, privatisation, transport, and the arts.

**ECON857 Economic Development and World Economic Order**

*4 pg cp*

This unit is concerned with the relevance of historical experience to the problems confronting developing countries today; economic and social factors affecting the development process; population and economic development; education, human capital and development; agriculture modernisation and growth; urban-rural dichotomy; the relationship between equality and development; trade, aid and development.

**ECON859 Research Project**

*4 pg cp*

The submission requirement for ECON859 is a paper of 30-50 typed pages in the format of an economics journal article. For further information see the course unit information for ECON880 Research Project B.

**ECON860 Advanced Microeconomics**

*4 pg cp*

Topics include the Arrow-Debreu model, dynamic and intertemporal choice, price dependent preferences, Alternative theories of the firm, Hedonic prices and price indices, Aggregation and applied welfare analysis; Alternative models of the economy: The Marxian model, the von-Neumann model.

**ECON861 Advanced Macroeconomics**

*4 pg cp*

This unit provides a rigorous, analytical treatment of open economy macroeconomics based upon micro foundations within a dynamic (intertemporal) framework. At the same time, the course offers insights into practical and current policy issues, for example, the policy implications of Japan/US current account imbalances, solvency, effectiveness of fiscal policy on the current account, exchange rates and output.

**ECON864 Mathematical Economics**

*4 pg cp*

The unit is concerned with the mathematical techniques to problems of economic theory and policy. The theoretical section will deal with dynamics and comparative statics. The use of difference and differential equations in the analysis of trade cycles and economic growth will be the main concern of the dynamics component while the comparative statics section deals with optimisation techniques and the stability requirements that are obtained from the dynamic analysis.

**ECON867 International Financial Management**

*4 pg cp*

The unit is concerned with the analytical techniques of international finance and investment. Topics include global flow of funds and international financial markets; foreign exchange markets; interest parity, arbitrage and currency speculation; purchasing power parity, real effective exchange; commodity swaps; short and long-term hedging of foreign currency risks, futures and options in currencies.

**ECON880 Research Project B**

*8 pg cp*

The submission requirement for ECON880 is a paper of 60-100 typed pages in the format of an economics journal article. It need not be solely primary research although this is encouraged. It could take the form of a critical literature survey or provide a synthesis of some body of economics literature. The paper should demonstrate the ability of the candidate to present research findings carefully and in well written form. These units are essential for candidates who intend to continue their post-graduate studies by research.

**ECON883 Ethical Perspectives on Economics**

*4 pg cp*

This unit examines the relationship between moral and political philosophy and economic theory with a view to a richer understanding of contentious policy issues. Topics covered include the meaning of 'welfare' in economics, distributive justice and economic theory, "rationality" and its ethical overtones, the relationship of agency and freedom to wellbeing. No philosophical background is presumed.

### **ECON891 Economies in Transition**

4 pg cp

This unit examines issues of structural reform and macro-economic stabilisation programs in economies in transition from central planning to a market economy. The focus is primarily on the experiences of Central and Eastern European economies but case studies may also be drawn from Asia, including China and Vietnam.

### **GSE822 Environmental Context of Modern Business**

4 pg cp

This unit, while introducing the consideration of the corporation in society in relation to the environment, surveys current environmental trends both nationally and globally. Consideration of the concept of ecologically sustainable development leads into approaches to environmental decision-making and the quantitative evaluation of environmental analysis. Ethics and belief systems in environmental education provide the context for examination of the roles and responsibilities of government, the community and business.

### **GSE823 Environmental Management within the Corporation**

4 pg cp

This unit looks specifically at the role and responsibilities within a corporation in terms of environmental management. Detailed consideration is given to practical aspects of establishing and maintaining an environmental management system (ISO 14000)—planning, implementation, training and resourcing, measurement, evaluation, review and improvement. Also covered is an overview of methods for cleaner production and waste minimisation, life cycle analysis and interacting with neighbours and activists.

### **ICHM801 Management and Organisations**

4 pg cp

The unit reviews the ideas and processes that have evolved to make organisational management such an important part of global commerce. The cultural implications for organisational managers, practical problems and opportunities will be examined in a contemporary international setting. Diagnostic models and data collection methods highlight the tools necessary for contemporary ethical decision making.

### **ICHM802 Managing Service Relationships**

4 pg cp

This unit begins with an overview of an “ideal” relationship between service providers and their customers, comparing customers’ evaluations of service with providers’ benchmarks. It includes a discussion of cultural differences in ethical values and the relative focus on quality versus quantity and a discussion of contemporary challenges facing managers in the international service industry.

### **ICHM811 Foundations of Organisational Performance**

4 pg cp

This unit aims to provide a basis for the critical appraisal of contrasting perspectives of structure, operation and management of organisations. It is designed to encourage a greater level of awareness of, and sensitivity to, the organisational factors and management processes influencing behaviour and performance of people at work.

### **ICHM812 Entrepreneurial Leadership**

4 pg cp

The aim of this unit is to encourage students to move from a skills-based focus towards a general management emphasis, with managerial leadership at the core. The unit will explore different theories about motivation, the workings of groups and teams and the importance of entrepreneurial management.

### **ICHM821 Media Management**

4 pg cp

The overall aim of this unit is to examine strategic marketing so as to fit the media to the market. The topics of planning, analysing and implementing the marketing communications process add depth to the drive for integrated marketing communications, encompassing the audience and environment, measurement and the media.

### **ICHM822 Strategic Intelligence**

4 pg cp

This unit aims to evaluate the different ways firms obtain, store and use their intelligence resources. The unit examines the factors that precipitate change and the capabilities of managers to rethink their business processes. It will examine the barriers to sharing and using strategic intelligence, and identify ways to shape the future of a business.

### **ICOM811 Communication and Social, Economic and Political Development**

4 pg cp

This unit examines the process of international communication in the context of social, political and economic development. It includes a study of the literature on communication and development and focuses on ways policies are developed to facilitate change. In addition to the theoretical basis for communication, particular attention is given to the role of the media and its effect on public opinion.

### **ICOM818 Research Seminar in International Communication**

4 pg cp

In this unit students will be intensively exposed to international communication research projects through examination of published research studies and unpublished dissertations. Students will be required to write critiques of selected research projects. Students will learn and improve analytical and critical skills through discussions of conceptual frameworks and theories used in conduct-

ing research in international communication; analysis of different research designs and their methodological logic; and presentation skills.

### **ICOM828 Special Project**

*4 pg cp*

The Special Project provides candidates with an opportunity to engage in practical work in their chosen field as well as produce a research document showing evidence of critical thinking. Students may either take an internship of a total of 100 hours and a critical commentary of 4,000 words or create a media product and a critical commentary of 4,000 words.

### **ICOM891 Communication Research Methodologies**

*4 pg cp*

The purpose of this unit is to prepare students for their final research projects in ICOM 818. Students will be instructed in the principal research methodologies used in the field of international communication. These include ethnographic research, case studies, content analysis, delphi method, discourse analysis, documentary research, focus groups, in-depth interviews, projective technique, semiotics studies and survey method.

### **ITEC830 XML Technologies**

*4 pg cp*

A thorough introduction to the technological fundamentals of web based e-commerce, emphasising the application of XML (eXtensible Markup Language) as a tool for structuring transactions and organising complex dynamic information. Topics include document computing (web-servers, XML, XSLT), web services (application servers, SOAP), XML data formats and standards, meta-data and XML databases.

### **ITEC832 Application Integration**

*4 pg cp*

This unit covers a range of topics in business process management, including workflow and integration of distributed systems. With reference to a current case study, we map the information flows in a B2B integration scenario and assess the available technologies. In doing so, factors such as cost, performance, security and scalability are analysed, recommend a design and construct a prototype.

### **ITEC841 Project and Risk Management**

*4 pg cp*

Topics include project definition, scheduling and milestones, organisation of development and quality assurance teams, resource allocation, cost estimation, cost/benefit analysis, risk analysis and management, factors that affect costs, version and change control, quality and process improvement methods, the use of quantitative methods, distributed and concurrent engineering, and the management of composite hardware/software systems development.

### **ITEC871 Information Systems Design and Management**

*4 pg cp*

This unit focuses on enterprise management information systems and the technologies used in their design, implementation and maintenance. The alignment of information systems with business strategy, socio-technical aspects of system development and e-commerce systems are all explored. A case study analysing business processes for an enterprise systems project is conducted.

### **MIST800 Computer Applications in Business**

*4 pg cp*

This unit introduces students to data analysis using EXCEL and database management using ACCESS. Software applications include MYOB and Powerpoint for the presentation of decision making information. There is also an introduction to Web page design using HTML.

### **MIST811 Information Management**

*4 pg cp*

This unit is concerned with the use of state-of-the-art information technology for the systematic management of information. The complete flow of information from recording instrument to statistical report, using graphical, database, and statistical expert system concepts. It includes Access database multitable queries and introduction to Visual Basic programming.

### **MIST812 Decision Support Systems**

*4 pg cp*

Decision support systems provide information to support semi-structured and unstructured decisions in modern organisations. The decision support systems studied in this unit are computer based and provide for user manipulation of source data extracted from databases both internal and external to the organisation. Students will study decision support systems involving: Data Warehousing and Data Marts, Online Analytic Processing, Data Mining (using SPSS Clementine), and Geographic Information Systems. The unit will be taught using modern software.

### **MIST822 Web-database Engineering**

*4 pg cp*

This unit is designed to give broader and more advanced coverage of the material on website design and management introduced in MIST812 Decision Support Systems, emphasising database queries using SQL. This unit covers website design and management. Students will be given the opportunity to learn in hands-on mode, using web servers available in a dedicated laboratory, which will simulate the environment used by companies to develop their websites for commercial use.

### **MKTG800 Marketing and Finance**

4 pg cp

This unit examines the interface between marketing and finance with particular emphasis on the financial implications of marketing decisions. Topics include: the scope of strategic marketing decisions; implementing marketing strategies; cost implications of marketing decisions; marketing and production; marketing and the creation of shareholder value; marketing and cash flow management.

### **MKTG801 International Marketing**

4 pg cp

This unit examines the factors that influence marketing strategy in an international setting. Topics include international marketing; world economic environment; social and cultural elements of market environment; political-legal environment; international marketing intelligence; marketing channels and international logistics.

### **MKTG802 Marketing Communications**

4 pg cp

This unit examines the marketing communications infrastructures that are available to business in developing a communications strategy that will result in achieving the awareness, comprehension and sales response objectives of the organisation.

### **MKTG803 Marketing Operations**

4 pg cp

This unit examines the activities involved in managing marketing functions. Topics include: marketing planning, product management, pricing, marketing channels and logistics, and communications. To ensure that marketing decisions have been implemented effectively, the unit also covers performance measurement.

### **MKTG804 Marketing Seminar**

4 pg cp

This unit consists of a series of seminars, exploring important contemporary marketing issues. They provide students with the opportunity to bring together the various strands of their marketing studies, to check their understanding of the key principles and to apply them to the development of solutions to crucial questions affecting marketing practice.

### **MKTG805 Applied Marketing Research**

4 pg cp

This unit examines methodology and techniques required by the modern marketer. Topics include: marketing information and decision support systems, the research process, exploratory research, surveys, sampling techniques and data analysis.

### **MKTG806 Applied Marketing Strategy**

4 pg cp

Drawing on the marketing strategy process, this unit reviews strategy issues such as identifying options, eval-

uating and assessing competitive positioning, choosing how and where to compete and assessing performance.

### **MKTG807 Industrial Marketing**

4 pg cp

This unit aims to develop an understanding of industrial markets, the industrial marketing environment and the application of marketing theory to business-to-business markets. These markets include producers of goods and services, intermediaries, government and non-profit organisations.

### **MKTG808 Services Marketing and Operations**

4 pg cp

The service sector dominates much of the business world. This unit focuses on the distinct needs and problems of service organisations in marketing and general management. Cases are drawn from commercial and not-for-profit organisations, including banking, transportation, hotels, tourism, hospitals, education, and professional services such as accountancy, engineering and management consultancy.

### **MKTG809 Marketing Logistics**

4 pg cp

This unit will offer participants an opportunity to study the complexities of distributing products and services. It explores the theoretical and pragmatic aspects of channels of distribution and logistics management. The role of marketing logistics in achieving corporate objectives through effective supply chain management and the use of emergent technologies is an important feature of the unit.

### **MKTG810 Retail Strategy**

4 pg cp

This unit considers current approaches to strategy formulation as it relates to the retailer in the distribution system. Recent and current approaches to retail strategy will be explored. The financial evaluation of proposed retail strategy options will also be considered. The retail format, merchandise strategy and marketing communication strategies will also be discussed as they relate to the retail environment.

### **MKTG812 Retail Operations**

4 pg cp

This unit gives an overview of the challenge of managing in a retail environment. The role of operations management will be explored in relation to planning and control of operational performance and managing for shareholder and customer value. The importance of profitability, productivity and cash flow will be considered from a retail perspective.

### **MKTG813 Managerial Marketing**

4 pg cp

This unit introduces students to the principles and practices of marketing in the contemporary environment. The

objective is to develop an understanding and awareness of the importance of customers and familiarity with some of marketing's tools and techniques.

### **MKTG814 Managing Customer Relationships**

*4 pg cp*

This unit will develop students' understanding of the concept of Customer Relationship Management (CRM); promote a deeper understanding of the process of CRM; and encourage students to become sensitive to the value of developing deep relationships with customers and the value of these relationships in the long term success of any business. Students will analyse domestic and international case studies and will develop their own CRM strategy as part of a final assignment.

### **MKTG815 Consumer Behaviour**

*4 pg cp*

This unit examines the external and internal factors that influence people's behaviour in a purchase situation. It provides a conceptual understanding of consumer behaviour, integrating theories from psychology, sociology, cultural anthropology and economics. These components of a consumer's psychological and socio-economic profile are considered as influences in determining marketing initiatives.

### **STAT810 Statistical Theory**

*4 pg cp*

This unit introduces fundamental principles justifying classical and modern statistical methodology. The unit includes an introduction to powerful asymptotic methods of statistics and to optimality principles. Use is made of Scientific Notebook, a revolutionary piece of software for mathematical computation and reporting, which makes solving statistical problems and presenting results easy and exciting.

### **STAT811 Generalized Linear Models**

*4 pg cp*

This unit extends regression techniques to non-normal data, demonstrates their applicability to nonlinear models and shows how such techniques may be used to analyse discrete, categorical, ordinal and correlated responses. SAS software is used.

### **STAT812 Information Management**

*4 pg cp*

This unit is concerned with the use of state-of-the-art information technology for the systematic management of information. Topics include the complete flow of information from recording instrument to statistical report, using graphical, database, and statistical expert system concepts. Access database multitable queries. Introduction to Visual Basic programming.

### **STAT814 Statistical Design**

*4 pg cp*

The first part is concerned with the design of experiments. Many of the standard designs are discussed and extensive use is made of Minitab. The remaining half of the course is devoted to survey design. Questionnaire construction, the theory of sampling, stratified sampling, systematic sampling, ratio and regression estimators, cluster sampling and multistage sampling are all discussed.

### **STAT817 Bioinformatics**

*4 pg cp*

Bioinformatics addresses problems related to the storage, retrieval and analysis of information about biological structure. This unit will provide a broad-ranging study of bioinformatics, covering the use of quantitative methods in population genetics, genome science, proteomics and phylogenetics. It will also include study of data sources, data retrieval, BLAST and the PERL language. A background in statistics is required and in biology is strongly recommended.

### **STAT818 Epidemiological Methods**

*4 pg cp*

An introduction to the more commonly used research study designs—randomised prospective trials, case control studies, cohort studies and cross-sectional studies—with applications to epidemiological problems. Statistical methods for analysing data from such studies, with particular emphasis on categorical data analysis, including logistic and Poisson regression, and models for censored survival data. SAS (version 8) and EcStat, an add-in program in MS Excel, are used throughout this unit.

### **STAT820 Decision Support Systems**

*4 pg cp*

Decision support systems provide information to support semi-structured and unstructured decisions in modern organisations. The decision support systems studied in this unit are computer based and provide for user manipulation of source data extracted from databases both internal and external to the organisation. Students will study decision support systems involving: Data Warehousing and Data Marts, Online Analytic Processing, Data Mining (using SPSS Clementine), and Geographic Information Systems. The unit will be taught using modern software.

### **STAT821 Multivariate Analysis**

*4 pg cp*

Introduces methodologies and techniques for the exploration and analysis of multivariate data. Topics include graphical displays, discriminant analysis, principal components analysis, multivariate normal distribution, multivariate linear models, cluster analysis.

### **STAT822 Time Series**

4 pg cp

This unit gives an understanding of, and ability to apply, some of the basic ideas of time domain and frequency domain methods of Time Series Analysis. The course is an integrated mixture of theoretical and applied material.

### **STAT823 Statistical Graphics**

4 pg cp

Principles of graphic presentation are applied to presentation of statistical reports. Class participants create their own web page and learn to use tools for image manipulation. Modern Applied Statistical Methods described in the text of Venables and Ripley are introduced to create, interpret and present graphic results. These methods include generalised linear models (GLM); robust regression; time series; methods for missing data. We introduce and use SPlus 2000 software for analysis and graphics, Netscape Communicator and Matlab, for image displays. The unit may be taken as an introduction early in the program, or may serve as an overview of the program when taken towards the end.

### **STAT825 Statistics Project**

4 pg cp

A project which either reviews or develops an area of methodology or which discusses the use of statistical methods in a particular subject area. Candidates must give a 30 minute seminar, based on their project, to staff and fellow students.

### **STAT826 Market Research and Forecasting**

4 pg cp

Advanced quantitative methods including multivariate and other statistical methods that have important applications in market research will form the first part of this unit. Consumer choice modelling (conjoint analysis) will also be discussed. Methods for modelling and forecasting trends based on time series data, including techniques for seasonal adjustment will be covered. The unit will make extensive use of appropriate computer packages including SPSS and Minitab.

### **STAT827 Survival Analysis**

4 pg cp

The unit explores biostatistical applications of survival analysis. These begin with the Kaplan-Meier curve definition and its extension to the comparison of survival of several groups of subjects. The Cox proportional hazards model is introduced as a method for handling continuous covariates. Time-dependent covariates, multiple outcomes, and the censored linear regression model are also considered.

### **STAT833 Web-Database Engineering**

4 pg cp

This unit is designed to give broader and more advanced coverage of the material on website design and management introduced in MIST812 Decision Support Systems,

emphasising database queries using SQL. This unit covers website design and management. Students will be given the opportunity to learn in hands-on mode, using web servers available in a dedicated laboratory which will simulate the environment used by companies to develop their websites for commercial use.

### **STAT888 Applied Business Techniques**

4 pg cp

This unit provides the skills necessary to apply the techniques of quantitative analysis in organisational decision-making situations. The approach consists of defining the business problem, developing a model, acquiring the necessary data, developing and analysing the solution and implementing the results, using practical examples and case studies. The aim of the unit is to provide an appreciation of information requirements within the business and competence in the analysis of management decisions.

### **STAT890 Stochastic Finance**

4 pg cp

This unit serves as an introduction to the modern financial theory of security markets, and, in particular, share prices and derivatives. It explains how the financial markets work using appropriate mathematical and statistical models and tools. The material provides a useful edge to those competing for jobs in the finance and banking sectors. Practical work will be done using several programs, including Excel and Matlab.

### **STAT892 Nonparametric Regression and Density Estimation**

4 pg cp

This unit includes selected topics from modern statistical theory. Emphasis is on non-parametric methods such as density estimation, function estimation, functional data analysis, smoothing splines etc; Bayesian statistics, Gibbs sampler and other computationally intensive regression techniques.

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## Division of Environmental and Life Sciences

### **AHPG810 Archaeological Evidence**

*4 pg cp*

Excludes: AHST210

An introduction to archaeological method and theory, including the results of field work, ancient technology, and methods of scientific study of antiquity, with particular reference to the study of history. The unit will include practical exercises in the use of archaeological material based on items in the University's Museum of Ancient Cultures.

### **BIOL860 Wildlife Project**

*4 pg cp*

A directed project forming part of an ongoing project of Professor Des Cooper's group in Biological Sciences or the Marine Mammal Research Group, conducted within a semester and presented as a dissertation or scientific paper.

### **BIOL861 Management of Wild Australian Mammals**

*4 pg cp*

An intensive course dealing with the capture, husbandry, restraint, stress avoidance, sample collection and anaesthesia of mammals. Also includes theoretical issues such as reproduction, nutrition, behaviour, ecology, pathology, genetics and evolution relevant to these objectives.

### **BIOL865 World Conservation Biology**

*4 pg cp*

This course involves 40 lectures on all issues in contemporary conservation biology and wildlife management and can be either entirely web-based or on-campus. The Australasian region is dealt with in depth and then compared extensively with other regions of the world. Students write two essays, one a topic set for the entire class, the other an individual one.

### **BIOL866 Research Technologies in Conservation Biology**

*4 pg cp*

Intensive training in specific techniques is given over a period of two weeks. They are both field and laboratory based. Students are provided with a study guide for these, and are then asked to prepare their own study guide on other techniques which meet their own professional requirements.

### **BIOL880 (subject to approval) Selected Topics in Biotechnology**

*4 pg cp*

The unit will be composed of lectures, student seminars, tutorials, assignments, readings and visits to local industry. We will discuss examples of cutting edge research

and technology and how these relate to our personal lives, society and industry. Visiting lecturers from industry and various academic disciplines will lead discussion on their area of expertise.

### **BIOL881 (subject to approval) Major Research Project in Biotechnology**

*4pg cp*

This unit represents a major hands-on research project in a relevant area of biotechnology. Projects are offered by different research groups within the department. Examples of current research are displayed on the Departmental web pages. Some research projects may be tailored according to the students' special interests.

### **BIOL882 (subject to approval) Environmental Microbiology and Bioresources**

The unit is an introduction to the diversity of environmental microorganisms, their roles in ecosystems and global biogeochemical cycles, and provides training in practical skills for the recovery of biotechnologically relevant genes and enzymes from the uncultured microbiota. Students will gain theoretical and practical skills for exploring bioresources.

### **CHEM832 (subject to approval) Protein Discovery and Analysis**

*4 pg cp*

This unit outlines chemical principles underlying the most recent developments in protein science. This includes an understanding of the emerging new disciplines of proteomics, structural biology and bioinformatics. The unit covers methods used today in the biotechnology and pharmaceutical industries to isolate and purify macromolecules, including recombinant proteins.

### **CHEM833 (subject to approval) Functional Proteomics**

*4 pg cp*

Proteomics extends far beyond cataloging sets of proteins that are expressed in health and disease. Functional proteomics couples protein expression profiles with elucidating post-translational modification, protein activity, organisation and dynamics of the metabolic, signalling and regulatory networks through which cellular life is dependent. Functional proteomics leads to a better understanding of how networks become dysfunctional and to predicting how function may be manipulated through drug/genetic interventions. This unit covers functional proteomic techniques including high-throughput signalling, differentiation and injury assay systems (HTS), robotics, bioinformatics, as well as more routine proteomics technologies (2DE, mass spectrometry, ICAT, LC-MS/MS).

### **CHIR821 Chiropractic Technique IV**

*4 pg cp*

Prerequisites: CHIR301, CHIR302

This unit provides in depth study and practical instruction in spinal adjustment and spinal joint dynamics. Advanced

static palpation and motion palpation are covered in addition to the Diversified and Gonstead Techniques.

### **CHIR824 OHS and Sports Medicine**

2 pg cp

Prerequisite: CHIR835

This unit includes a study of sports medicine utilising knowledge already gained as an introduction to chiropractic and its relevance in sports. Occupational Health and Safety (OHS) issues are covered including workplace practices in relation to patient management and rehabilitation.

### **CHIR829 Clinical Nutrition**

2 pg cp

Prerequisite: CHIR865

This unit builds on the basic foundation of pharmacology and nutrition covered in an earlier unit. It aims to provide students with the skills to apply these concepts to problems that may arise in chiropractic practice. A study of the pharmacological agents used to treat musculoskeletal disorders will be included.

### **CHIR830 Diagnostic Specialties**

3 pg cp

Prerequisites: CHIR865, CHIR821

This unit addresses the diagnosis and management of a range of disorders within the specialties of pediatrics, geriatrics, obstetrics and gynaecology, male health and mental health. Management includes investigative procedures; chiropractic treatment; as well as emergency procedures for a range of medical and traumatic conditions that are compatible with the training of a chiropractor.

### **CHIR833 Radiographic Positioning**

2 pg cp

Prerequisite: CHIR204

This unit is divided into 2 parts: 1. Positioning the patient for spinal X-rays 2. Positioning for extremity X-rays. Importance of correct factors and accurate positioning are emphasised, ensuring the student is mindful of his/her responsibility to the public in the use of X-ray and is capable of producing high quality diagnostic films.

### **CHIR835 Orthopaedics**

4 pg cp

Prerequisites: CHIR354, CHIR355

This unit provides a clinical approach to nonsurgical orthopaedics. The pathophysiology of joints and supportive tissues is studied, particularly as it affects manipulative treatment. The spine and major joints are given special emphasis. Orthopaedic and neurological testing are correlated and a problem solving orientation adopted. Paediatric and geriatric conditions are also included in this course.

### **CHIR840 Terminal Point Technique**

2 pg cp

Prerequisite: CHIR821

Spinal adjustive techniques using drop piece mechanisms are taught. This subject gives alternate methods by which spinal adjustment can be performed increasing the technique repertoire.

### **CHIR843 Electrophysical Therapy**

2 pg cp

Prerequisite: CHIR835

This subject covers the most commonly used types of electrophysical therapy. It aims to develop a working understanding of the equipment, its indications and contraindications. The safety considerations that apply to the use of electrotherapy equipment are emphasised.

### **CHIR845 Chiropractic First Aid**

2 pg cp

This unit consists of two sections:

1. Basic life support
2. Chiropractic First Aid

Basic life support includes EAR, CPR and first aid procedures at senior level. Chiropractic First Aid involves a further study of first aid and emergency procedures which may be encountered by chiropractic practitioners in the office or the community.

### **CHIR848 Radiology II**

3 pg cp

Prerequisite: CHIR864

This unit is an extension of CHIR864 and is taught in conjunction with CHIR860 Clinical Internship. Students receive tuition in reading X-rays and forming radiological diagnosis.

### **CHIR850 Research Project**

2 pg cp

During the final year of study, all students participate in a research project approved by the Department. Students perform an original investigation into an area of chiropractic, under supervision by a member of the academic staff. The University Clinic or other facilities are made available to students for the research.

### **CHIR853 Professional Studies**

2 pg cp

This unit covers the professional rights and obligations of practice as well as the management, responsibilities and procedures of a chiropractic office. It includes techniques for communication within the doctor-patient relationship and inter/intra professional communication skills.

### **CHIR859 Rehabilitation**

4 pg cp

Prerequisite: CHIR301, CHIR302



This unit explores the role of rehabilitation in chiropractic practice. Various models are studied relevant to all regions of the spine with emphasis on some common clinical problems. A number of therapeutic approaches including ancillary to primary manipulative techniques are taught. Students are presented with indications and contraindications for these techniques.

### **CHIR860 Clinic Internship**

*8 pg cp*

Prerequisite: CHIR862, CHIR835, CHIR866, CHIR864

Students attend the Outpatient Clinics where they become responsible for patient management and care under the guidance of the Clinic Supervisors. Students gain skills in the handling of patients, the conduct of the patient interview, the formation of the diagnostic impression and in the delivery of chiropractic care.

### **CHIR861 Techniques V**

*6 pg cp*

Prerequisite: CHIR821

This unit concentrates on perfecting Diversified and Gonstead manipulative skills on the spine. This subject also includes the indications and contraindications to manipulation.

### **CHIR862 Preclinical Studies**

*4 pg cp*

Prerequisite: CHIR303

Corequisites: CHIR835, CHIR866

This course is designed to prepare the student for clinic internship. It provides an introduction to clinical testing including procedures for patient examination. The aim of the unit is to synthesise the various facets of theoretical knowledge into a clinically orientated practical art.

### **CHIR864 Radiology I**

*3 pg cp*

Prerequisites: CHIR354, CHIR355, CHIR204

This unit covers the terminology and concepts of radiological diagnosis. Spinographic studies are undertaken making postural analyses from radiographs. Students learn to identify pathological conditions of the spine and extremities, assess those conditions and write clear and professional radiological reports.

### **CHIR865 Differential Diagnosis C**

*3 pg cp*

Prerequisites: CHIR203, CHIR303, CHIR242

This unit will focus on the comprehensive health assessment of the patient. Emphasis is on physical examination skills and its relationship to the medical history and investigative results. Selected nutritional and pharmacological issues are also studied relevant to the chiropractor in clinical practice and as a basis for patient case management.

### **CHIR866 Neurological Diagnosis**

*3 pg cp*

Prerequisites: CHIR354, CHIR355

This unit commences with an exploration of the neurological connections and their application to the maintenance of health. This is followed by clinical neurology in which dysfunction of the nervous system is studied incorporating clinical assessment and diagnosis, appropriate interventions and indications for referral.

### **CHIR867 Peripheral Skills**

*3 pg cp*

Prerequisites: CHIR301, CHIR302

This unit builds upon adjustive and palpatory skills developed in the earlier skills subjects. Peripheral joint adjusting is practised and perfected in terms of indication and contraindication, problem solving, biomechanics of adjustments and most importantly specificity and control. The student is encouraged to develop rational treatment and management plans for peripheral joint problems.

### **ELS400 Museum Field Studies**

*4 pg cp*

In small, specialist and large city museums which offer employment opportunities (in SE Australia, SE Asia or the Sydney metropolitan area), students will investigate the range of curatorial roles and assess the scientific and cultural value of individual projects in collections, the range of public programs and the status of information management. In 2004 Museum Field Studies in SE Australia will take place from July 6–17 inclusive.

### **ELS401 Professional Experience**

*12 pg cp*

Students complete a 12-week placement (or equivalent) with an appropriate museum or workplace venue, undertaking work assigned by the employer. They will also be required to submit a report on their placement. Enrolment in this unit requires the express permission of the unit convenor and is not available for students in their first semester in the program. Students need to consult with the unit convenor prior to enrolment in this unit.

### **ELS820 Museum Studies and Information Management**

*5 pg cp*

The unit centres on museum issues such as: the philosophy of information organisation and the role of museums; the collection, preservation and provision of access to materials; mushrooming of stored knowledge related to digital storage of data; image capture, written materials, links to other sites; social and political background to information storage; copyright issues; web based presentations and case studies, for example the Lachlan Macquarie Room in the Library. Assignments will include web-based exercises, research essays, practical exercises and a “mini” internship with a museum curator to gain practical experience with the AdLib or BioTrack

programs. This unit does not count for credit with ELS202.

### **ELS840 Museum Studies Special Project**

12 pg cp

Students complete a research project equivalent to a 10,000 dissertation to be presented in the form of a traditional dissertation, a report, a conceptual framework for the development of an exhibition or other museum-based project on an approved topic which might include web-based documentation.

### **ELS841 (subject to approval) Entrepreneurship**

4 pg cp

The entrepreneurship unit is designed to present practical knowledge and workshops covering all aspects of innovation in the biotech arena; creativity and idea generation, concept development, problem solving, intellectual property assessment and protection, business planning and strategy, project management, teamwork and leadership, business creation and commercialisation strategies. Entrepreneurs, with “real world” experience in industry, will present case studies covering the biotech industry. The workshops will lead the students through the new business creation cycle from idea generation through to simulated business start up, using business planning to drive the workshops.

### **EPG915 Teaching and Learning about the Environment**

4 pg cp

This unit examines the major learning processes involved in environmental education at school and community levels. Emphasis is placed on the communication and interpretation process, organisation of material and effective communication techniques in a wide range of settings. Specific problems will be approached via case studies, fieldwork and individual or group projects.

### **EPG916 Resources and Networks in Environmental Education**

4 pg cp

This unit examines and evaluates the wide range of resources available for environmental education (both community-based and those designed for schools). This includes electronically accessed catalogues and the effective collection and use of resources.

### **EPG917 Design of Environmental Education Programs**

4 pg cp

An examination of the Environmental Curriculum Statement and its emphasis on holistic environmental perspective across the key learning areas. This leads to more detailed work on school-based curriculum design, implementation, programming of developmentally based learning activities through the grades and evaluation.

### **EPG918 Environmental Interpretation and Community Education**

4 pg cp

This unit examines three related areas of environment and community: site-based environmental interpretation, community environmental education and community action. It evaluates the role of environmental interpretation from the viewpoint of both managers and visitors. It also evaluates methods of community and workplace education and their effectiveness in changing attitudes and actions.

### **GEOS413 Geological Problems**

4 pg cp

Prerequisite: GEOS821 (or equivalent)

A project/assignment-oriented unit based on the solving of a series of geological problems in the field and/or laboratory. These may include topics in the philosophy of science relating to the earth sciences. Topics will be designed according to student background and program of study.

### **GEOS420 Data and Image Processing in Geophysics and Exploration**

4 pg cp

Prerequisite: completion of 30cp in Science (including GEOS268) and 3 cp in computing

This unit is aimed at giving familiarity with a variety of computer software packages that are currently being used by mining and exploration companies. The unit will be more an applied than theoretical offering.

### **GEOS425 Palaeobiology**

4 pg cp

Corequisite: GEOS312 or BIOL316

This unit is concerned with evolutionary palaeontology and the science of form with particular reference to shell form, musculature, vision and buoyancy of extinct invertebrates; palaeoengineering (including jaw mechanics and flight) and approaches to physiology and behaviour of extinct vertebrates; models of phylogeny.

### **GEOS427 Palaeoecology and Biogeography**

2 pg cp

This unit highlights the interplay of palaeontology and geology, evolution and ecology: fossil assemblages (marine, freshwater and terrestrial) with special emphasis on reef environments; palaeocommunities and “community evolution”; the principles of biogeography, dynamics of provincialism, and the purpose of biogenic analysis.

### **GEOS428 Coral Reef Dynamics**

2 pg cp

The unit will investigate the dynamics of coral reefs: the process of formation, large and small scale controls, reef accretion, response to global warming and the changing

patterns of reef dynamics/carbonate buildups through time. Special attention will be paid to biodiversity of a reef, symbiosis, recruitment, the effects of bioturbation and bioerosion, the interaction of the biota of the reef, and management of reefs.

**GEOS436 Global Earth Processes**

*4 pg cp*

Current topics in understanding the way the Earth works are explored. Information from all strands of geosciences is integrated to give models of processes that have been involved in the geological evolution of the Earth. Class discussions and seminars are supplemented by computer modelling of geological/geophysical processes, geochemical analytical sessions and a local field trip.

**GEOS437 Geochemical Applications and Techniques**

*2 pg cp*

Prerequisite: GEOS260 or CHEM324 or equivalent

This is an introduction to various analytical techniques used in inorganic geochemistry to determine the major element, trace element and isotopic composition of rocks and their constituent minerals. Class work comprises lectures, tutorials, computer practicals and laboratory/instruments practicals.

**GEOS460 Solid Earth Geophysics**

*2 pg cp*

Prerequisite: GEOS268

Excludes: GEOS385 (pre-2002)

This unit looks at what geophysics can tell us about the structure of the solid earth. The unit will focus on the structure and dynamics of the Earth's deep interior as revealed by studies of the geomagnetism, gravity, seismology, and heat flow of the Earth.

**GEOS800 Earth Science Project**

*4 pg cp*

A 5,000-word paper, on a topic to be decided. Students are required to contact a supervisor. The subject matter may take the form of a review of the literature, or of an individual investigation, or both. A written report of the content must be presented in a style suitable for publication or a seminar presentation given.

**GEOS801 Introduction to Geographic Information Science for Postgraduates**

*4 pg cp*

Many professionals in the broad areas of environmental science, management and planning use GIS (Geographic Information Systems) to analyse and map spatial information. This unit is an introductory unit for postgraduates. It will cover the underlying concepts of GIS, applications, the use of commercial GIS software and will develop for the students a GIS skills set. The unit consists of two streams, one focusing on applications in the biophysical environment and the other on applications in the human and built environment. The lecture programs are common,

but the practical programs are elective. The GIS software used is ArcGIS. Students enrolling in the unit must have a computer with one of the following operating systems: Windows XP, Windows NT or Windows 2000.

**GEOS807 Problems in Sedimentary Geology**

*4 pg cp*

Prerequisite: Special permission

Corequisite: GEOS424 and GEOS425

A field-based unit for postgraduate palaeobiology students, focused on discrimination of communities (especially reefal situations) in the field mapping of these as parts of sedimentary units, and measurement, collection and logging of stratigraphic sections as a basis for preliminary biozonation on macro faunas preparatory to advanced laboratory work that could form part of dissertations. The areas chosen are those where carbonate sediments and fossil reef structures can be observed and mapped.

**GEOS809 Geophysics Laboratory Project**

*4 pg cp*

An approved laboratory or computer project in an area of geophysics. Completion of the project must be accompanied by a report written in a style suitable for publication.

**GEOS810 GIS Skills in Habitat and Wildlife Management**

*4 pg cp*

This unit focuses on the basis skill development necessary for using GIS applications for wildlife management. There are three components: basic GIS skills, specialist skills and applications. Mainstream computer packages used by resource management agencies are also introduced. Case studies exemplifying the use of GIS for wildlife management are an integral part of the unit.

**GEOS813 Geophysics Reading Project**

*4 pg cp*

An approved reading project in an advanced topic from an area of geophysics. A presentation of a seminar and written report are required on completion of this project.

**GEOS815 Principles of Deformation**

*4 pg cp*

This unit is concerned with the physical principles underlying deformation of rocks applied to concepts and analysis of various types of geological structure: stress, strain, progressive deformation and material properties as tensor quantities; fracture patterns and shear zones; finite deformation in two dimensions; problems of distortion of primary structures, mechanical hypotheses of cleavage, boudinage, folding and refolding.

**GEOS816 Geophysics**

*4 pg cp*

Excludes: GEOS268

This unit is for students without previous formal studies in geophysics but a quantitative inclination. Topics

include: the collection and interpretation of gravity, magnetic, seismic, and electrical data; the use of these methods in assembling the currently held view of the earth's structure, and their use in geophysical exploration. Off-campus field work may be undertaken.

### **GEOS818 Volcanic Geology**

5 pg cp

Prerequisite: GEOS260 (or equivalent)

Excludes: GEOS373, GEOS389

This unit is concerned with modern (Cenozoic) magmatic environments of the Pacific as a key to reconstruction of ancient magmatic environments. Field work and literature research form the basis for description and interpretation of the active magmatic environments of New Zealand and assessment of their relevance to reconstruction of Palaeozoic volcanic-plutonic terrains in eastern New South Wales.

### **GEOS821 Earth Science**

4 pg cp

Excludes: GEOS115

This unit is for students without previous formal studies in geology. Topics include: the dynamic links between internal and surface features of the earth, in terms of plate tectonics and the rock cycle and the dependence of the environment on these geological cycles. This unit provides an introduction to earth sciences suitable for students of geosciences and environmental and life sciences and law. Short field trips provide practical experience.

### **GEOS832 Ore Deposit Environments**

5 pg cp

Excludes: GEOS304, GEOS314

The geological processes contributing to magma and ore formation are considered. The major magma and ore deposit types are studied in terms of their tectonic, stratigraphic, palaeogeographic and structural settings. Tools for the interpretation of magma and ore deposits are considered in assignments and seminars. A major ore deposit will be examined in the field during a weekend field trip.

### **GEOS835 Geomechanics**

5 pg cp

Prerequisite: Basis studies in mathematics or physics; major studies in earth sciences, engineering or pedology

This unit is for students without previous formal work or studies in soil or rock mechanics. The mechanical behaviour of soil and rock materials is studied from the engineering geology and geomorphological viewpoints. Topics include: application to problems in mining and civil engineering work. Composition, engineering properties and classification of soils and rock materials; modification and stabilisation. Elementary elastic theory; stress and strain analysis methods, common stability problems.

### **GEOS844 Applied Palaeontology**

4 pg cp

Prerequisite: GEOS821 or 3 cp in Biology

Excludes: GEOS235

This unit is concerned with the application of palaeontology to the solving of stratigraphic, palaeobiologic, and environmental problems; practical introduction to procedures in micropalaeontological laboratories.

### **GEOS846 Mineralogy and Microscopy**

4 pg cp

Prerequisite: GEOS821 (or equivalent)

Excludes: GEOS230, GEOS254, GEOS255

This unit available in 2004 for the last time; the unit will be replaced in 2005. It covers use of the petrographic microscope in the optical study of common mineral groups. Review of chemical variation in the rock-forming minerals; petrological interpretation of the microstructures (textures) of important igneous, metamorphic and sedimentary rocks leading to an understanding of the processes controlling the development of these microstructures in magmatic, solid state, subaerial and depositional environments.

### **GEOS854 Environments of the Lithosphere**

5 pg cp

Prerequisite: GEOS821 (or equivalent)

Excludes: GEOS260

This unit includes processes and products of modern and ancient Environments; characteristics of surface environments, metamorphic environments and igneous environments as expressed in rocks from plate margins and plate centres.

### **GEOS855 Earth Systems Evolution**

4 pg cp

Excludes: GEOS272

This unit emphasises the interdisciplinary perspectives on the origin and evolution of the Earth, especially the changing web of interrelationships between the biosphere, lithosphere, hydrosphere, cryosphere and atmosphere and from this back-drop, consideration of current environmental concerns in a way that will help participants make informed decisions no matter what those decisions might be.

### **GEOS856 Coral Reef Environments**

5 pg cp

Prerequisite: basic earth sciences, biology or palaeontology

Excludes: GEOS424

The unit involves in-depth studies of coral reefs: the process of formation, large and small scale controls, reef accretion, response to global warming and the changing patterns of reef dynamics/carbonate buildups through

time. Special attention will be paid to biodiversity of a reef, symbiosis, recruitment, the effects of bioturbation and bioerosion, the interaction of the biota of the reef, and management of reefs. This unit does not count for credit with GEOS424. Students who have completed GEOS428 will be undertaking individual projects.

### **GEOS857 Advanced Meteorology**

5 pg cp

Topics in this unit include theoretical aspects of mesoscale meteorology; thermodynamics, equations of motion; continuity equations; circulation and vorticity; perturbation theory fronts and frontogenesis; cyclones and cyclogenesis; numerical prediction; the general circulation of the atmosphere.

### **GEOS858 Environmental Geophysics**

4 pg cp

Prerequisite: GEOS816 (or equivalent)

Excludes: GEOS305, GEOS315

This unit is concerned with seismology, seismic refraction, potential field and electrical methods and geophysical well-logging with an emphasis on applications to engineering site and groundwater investigation and pollution monitoring. Off-campus fieldwork will be undertaken.

### **GEOS859 Applied Climate Study**

4 pg cp

This unit is concerned with air pollution in the atmospheric boundary layer including emissions and monitoring; atmospheric radiation and climate data analysis; application in urban areas, especially Sydney, and implications for urban planning.

### **GEOS860 Special Problems in Meteorology**

5 pg cp

Theoretical and practical aspects of climate modelling are reviewed including the implementation of global models on computers and the integration of satellite data into initialisation and validation data sets.

### **GEOS861 Boundary Layer Processes**

4 pg cp

This unit is concerned with interactions between the land surface and the atmosphere and their effects on the boundary layer. It is of interest to climatologists, ecologists, agricultural and forest meteorologists, physical geographers and applied physicists.

### **GEOS862 Research in Physical Geography**

4 pg cp

Topics in this unit include magnitude/frequency relations in rivers; geomorphic impacts of floods; human impacts on runoff, and implications for sediment balances in river channels and on flood plains.

### **GEOS 863 Applied Geomorphology**

4 pg cp

A detailed consideration of applied hillslope and applied fluvial geomorphology is covered in this unit. Topics may include the identification of erosion sources and sediment sinks, sediment budgets, slope stability analysis, and the use of river styles in catchment management.

### **GEOS874 Geophysical Prospecting**

4 pg cp

Prerequisite: GEOS816 (or equivalent)

Excludes: GEOS306, GEOS316

This unit is concerned with the application of geophysical techniques to exploration for minerals and petroleum. Topics include potential field, induced polarisation, electromagnetic, seismic reflection and radiometric methods. Generally, emphasis is placed on the applications and relative merits of the various methods for particular aspects of exploration. Off-campus fieldwork will be undertaken.

### **GEOS875 Structural Petrology**

4 pg cp

Prerequisite: GEOS314 and GEOS308 (or equivalent)

Topics in this unit include interpretation of microstructures in terms of deformation mechanisms and mechanisms of solution, deposition and fluid-rock interaction during deformation; basic concepts on incremental strain and progressive deformation, with applications to sheared and multiply deformed rocks.

### **GEOS876 Advanced Geochemical Applications and Techniques**

4 pg cp

Prerequisite: GEOS260 or CHEM324

Excludes: GEOS437

This course provides “hands-on” training and operation of state-of-the-art instrumentation used in inorganic geochemical analysis to determine major element, trace element and isotopic composition of rocks and minerals. The unit comprises lectures, group instrument instruction and individual projects. The project includes planning the analytical strategy, data collection, data presentation and interpretation.

### **GEOS878 Advanced Soils**

4 pg cp

This unit includes detailed examination of topics such as biotic and abiotic processes on soil formation as applied to the present time and during the past. The application of various soil classifications to regolith mapping, including the concept of pedological provinces.

### **GEOS891 MSc Dissertation Geology**

16 pg cp

Dissertation for MSc coursework candidates that must be a substantial research project on a chosen topic. The stu-

dent will analyse his/her own data and will compare his/her findings to literature results on this topic.

### **GEOS899 Geoscience Research Topic**

12 pg cp

This unit allows students to demonstrate the successful application of knowledge gained from formal units and literature to an area of specialised research. The student may be assigned an individual supervisor depending upon the area of the topic.

### **GSE800 Attitudes to the Environment**

4 pg cp

This unit examines our attitudes to nature, from philosophical, ethical and political perspectives. Issues covered include: ecophilosophy; conflicting attitudes to the natural world displayed by society; philosophical stances on the environment; need for ethical guidelines; current perceptions about environmental crises; influences of other disciplines such as science and economics on environmental ethics; attitudes translating into political action; predictions for the future.

### **GSE801 Environmental Law and Policy**

4 pg cp

This unit provides a basis for the understanding of legal issues found in environmental studies. It covers a general introduction to the legal system, constitutional and administrative law, legal and policy issues relating to the international environmental framework, competition between Federal and State jurisdictions, other relevant issues.

### **GSE803 Science in Environmental Management**

4 pg cp

How environmental problems and their possible solutions are seen from the viewpoint of science is the focus of this unit. The basic disciplinary concerns and environmental issues within geoscience, ecology and the chemistry and physics of pollution will be explored and linkages among these disciplines will be emphasised.

### **GSE804 Ecological Processes**

4 pg cp

Prerequisite: GSE803 or a Science degree

Principles, applications and implications of ecological knowledge are explored in this unit which covers the science of ecology and current concepts about how natural systems are organised. Global and Australian examples are used. The central theme is how processes operating in nature produce patterns in ecosystems, and that these processes both facilitate and constrain the interactions between humankind and the planet.

### **GSE805 Air and Water Quality**

4 pg cp

Prerequisite: GSE803 or a Science degree

This unit examines the nature, source, movement, transformation, measurement, impact and control of pollutants released into the environment. The unit presents some of the basic science of environmental chemistry and illustrates this with examples from air and water pollution.

### **GSE806**

#### **Economic Evaluation Techniques**

4 pg cp

The criteria for project evaluation, with an emphasis on the benefit/cost analysis techniques for assessing social preferences for environmental characteristics are covered in this unit. Techniques used in management, including decision theory, small group dynamics and negotiating skills are introduced.

### **GSE807 Environmental Measurement and Analysis**

4 pg cp

Prerequisite: Completion of 4 GSE units (including GSE803)

This is an eight day field unit which provides an integrated view of environmental issues of a particular region and the methods that might be used to assess and manage them. The region studied will normally be outside the Sydney metropolitan area.

### **GSE808 Management of Degraded Environments**

4 pg cp

Prerequisite: GSE803 or a Science degree

This interdisciplinary unit examines degraded environments that result from the impact of human activities and remediation options. It covers mining impacts and rehabilitation strategies; rural land degradation and its remediation; urban soil contamination and remediation. Field trips (a Saturday and a weekend) to view rehabilitation of contaminated urban and mine sites; rural land management methods are included.

### **GSE809 Natural Resource Economics**

4 pg cp

This unit is concerned with strategies for sustainable economic development from the management of natural resources. Part A deals with the development of conceptual frameworks; part B, the application of these frameworks to specific cases such as mineral and energy resources, soil and water resources, forestry resources and fisheries; part C, the applications in macroeconomics and the formulation at macro level of policies for sustainable development.

### **GSE810**

#### **Environmental Economics**

4 pg cp

This unit examines the role of the natural environment as an integral component of the economic system. Topics include: trade-off between environmental quality and economic growth, market failure due to environmental

quality, the valuation of environmental goods and services, and the formulation of environmental policies.

### **GSE811 Coastal Management**

*4 pg cp*

Prerequisite: Completion of 4 GSE units (including GSE803)

This unit focuses on coastal zone management and begins with a review of international experience which is followed by an introduction to the situation in Australia. A number of case studies are used to evaluate our performance in the area of natural resource management.

### **GSE813 Semi-Arid Land Management**

*4 pg cp*

Prerequisite: Completion of 4 GSE units

The unit focuses on managing the dry 70 per cent of Australia. It describes the features of arid areas and examines the pastoral industry in some detail. This unit will be taught as a block of seven days in Western NSW.

### **GSE816 Local Government Approval Process**

*4 pg cp*

This unit examines the theory and practice of the development approval process in terms of stakeholders, methods, institutional contexts and ethics. Particular attention is given to environmental assessment in development control and case studies are employed to relate theory to practice.

### **GSE817 Urban Growth Management**

*4 pg cp*

The unit explains the economic, social and demographic processes of urban development, as well as the physical form of urban settlements, both metropolitan and non-metropolitan. Particular consideration is given to the role of infrastructure authorities in shaping urban settlement patterns, and to the implications of development processes for environmental management.

### **GSE818 Environmental Planning**

*4 pg cp*

This unit provides an interpretation of environmental planning as an integration of land use planning and environmental assessment. It includes the origin of both town planning and environmental systems analysis; the dominant paradigms, literature on theories of planning, government, and property rights; the structure of planning systems; the relationship between environmental impact assessment and land use planning.

### **GSE819 Environmental Health**

*4 pg cp*

This unit explores the relationships between the environment and the health people enjoy. Topics are: what is health and how it is measured; the interrelationships between the physical, biological and socio-economic environments; health risk in urban-industrial societies;

influences on health from the climate, the built work environment; water, air, infectious diseases; environmental health risk assessment.

### **GSE821 Workplace Practices and Skills Development**

*4 pg cp*

Pre-requisites: Completion of 8 units of program

Students are permitted to undertake a project associated with a workplace relevant to their specialist Masters area. The unit is designed to develop knowledge and skills for a new career path. Activities at a current workplace cannot be used. There are no set lectures but regular meetings must be arranged with both academic and workplace supervisors. A final project report including the process of development is the outcome.

### **GSE822 Environmental Context of Modern Business**

*4 pg cp*

This unit, while introducing the consideration of the corporation in society in relation to the environment, surveys current environmental trends both nationally and globally. Consideration of the concept of ecologically sustainable development leads into approaches to environmental decision-making and the quantitative evaluation of environmental analysis. Ethics and belief systems in environmental education provide the context for examination of the roles and responsibilities of government, the community and business.

### **GSE823 Corporate Environmental Management**

*4 pg cp*

This unit looks specifically at the role and responsibilities within a corporation in terms of environmental management. Detailed consideration is given to practical aspects of establishing and maintaining an environmental management system (ISO 14000)—planning, implementation, training and resourcing, measurement, evaluation, review and improvement. Also covered is an overview of methods for cleaner production and waste minimisation, life cycle analysis and interacting with neighbours and activists.

### **GSE824 Environmental Dispute Resolution**

*4 pg cp*

This unit introduces students to, and examines the advantages and disadvantages of, the various methods available for the resolution of environmental disputes. Students will analyse and evaluate the institutional framework within which such disputes arise. Methods of effective scoping and assessing environmental disputes will be explored. The unit focuses on mediation as the preferred method of dispute resolution.

**GSE825 Sustainable Development:  
Introductory Principles and Practices**

4 pg cp

This unit examines the origins, issues, policies and processes of sustainable development (SD). It introduces students to the global and national debates surrounding SD and engages them in a process of identifying how its principles are interpreted in practice. It involves the students in analysis of the ideological and value bases of SD and a critical appraisal of the policy approaches that are emerging.

**GSE826 Eco-tourism for Sustainable  
Development**

4 pg cp

This unit explores the role of eco-tourism in the attainment of sustainable development. Through examining a range of international and national case studies, students evaluate the community, cultural and conservation benefits of eco-tourism and identify principles of good practice. Related themes such as community based conservation, issues management and conflict resolution, the involvement of indigenous populations in sustainable income generating activities, gender and resource management will be explored.

**GSE827 Education for Sustainable  
Development**

4 pg cp

This unit explores the role and scope of education processes in the attainment of sustainable development goals. Students will examine case studies which focus on the formal, informal or non-formal sector. Principles of good practice will be identified and a framework for planning and evaluating education programs will be developed. Students will also examine how education processes can be integrated within environment and conservation programs.

**GSE828 Action Research for Sustainable  
Development**

4 pg cp

The unit develops the students' knowledge and skills in action research. It provides the students with an opportunity to explore, at a practical level, how action research can be used as a tool to achieve the goals of sustainable development. It allows them to draw upon the knowledge and skills gained in GSE825 when planning, developing and evaluating an action-research project for SD.

**GSE829 Pollution Control and Waste  
Management**

4 pg cp

Scientific and engineering concepts in pollution control serve as an introduction to the consideration of topics in air quality management: particulates, vapour and gas, odour; combustion principles and stack design. Physical, chemical and biological treatment of waste water leads to the study of their confinement and treatment of surface

waters. The unit concludes with a survey of noise control, industrial solid waste and hazardous waste management.

**GSE830 Sustainable Urban Regions**

4 pg cp

This unit examines the social, economic and environmental challenges associated with the development of more sustainable cities and urban regions are examined, including those in developing countries. Opportunities and barriers to implementing more sustainable urban management and planning practices are explored. Students undertake their own case study: critically assess response strategies and develop their own sustainability plans.

**GSE832 Advanced Environmental  
Economics**

4 pg cp

This unit considers analysis and applications which will be studied at both the microeconomic and macroeconomic levels. The microeconomics deals with the policy effects of recognising environmental variables in market demand and supply. The macroeconomic analysis module will consider all resources in the aggregate as a composite capital stock.

**GSE839 Environmental Research—Report**

4 pg cp

**GSE843 Environmental Decision Making**

4 pg cp

The objective of this unit is to enable students to understand how decisions are made about environmental issues and particularly to assess the relative significance of values held by stakeholders, scientific and technical information, procedural requirements established by law and administration and market forces. Theories and practices of decision making will be examined in western and non-western contexts. Qualitative and quantitative tools to support decision-making will be covered.

**GSE844 Environmental Management  
Practice**

4 pg cp

Prerequisite: Completion of 4 GSE units

The primary objective of this unit is to use a group-approach to real-life problems. The problems will be chosen to represent typical situations likely to confront graduates from our programs. The final report of each group will be equivalent to a consultant's report to a client.

**GSE845 Environmental Impact  
Assessment**

4 pg cp

Prerequisite: Completion of 4 GSE units (including GSE843)

This unit is designed to enhance understanding of how environmental impact assessments are made in NSW in particular, and in Australia and some overseas countries.



The focus will be on the evaluation of the EIS and the process of EIA. It assumes that the student has some understanding of environmental issues and a little knowledge of environmental impact issues. It is delivered in individual based learning mode.

### **GSE846 Applied Heritage Interpretation Methods**

*4 pg cp*

Following review of theory, principles and planning, this unit develops knowledge of, and skills in, design and implementation of a broad array of methods and techniques for interpretation of natural and cultural heritage. The characteristics, opportunities, constraints and issues associated with various interpretive modes are considered and practical experience in design and implementation is emphasised.

### **GSE850 Vegetation Dynamics and Management**

*4 pg cp*

This unit focuses on the dynamics of vegetation communities. Students will gain an understanding of the various factors that can affect vegetation communities including fire, climatic and human influences. The unit will use real-world examples of management options for vegetation with consideration of community dynamics. Students will undertake an investigation of local examples of vegetation dynamics.

### **GSE851 Capstone Project**

*8 pg cp*

This unit is designed to allow students to undertake a substantive research project provided by industry partners and undertaken in the field, supervised jointly by university academic staff and industry experts. This is designated a capstone project, allowing students to bring together and apply material learnt in the course to a real world problem.

### **GSE852 Wildlife Habitat Management**

*4 pg cp*

This unit explores the link between wildlife, habitats and ecosystems. Students will gain an understanding of the theoretical framework that underpins current research into habitat selection and use and provides an understanding of techniques used to quantify habitat use by wildlife, examines indigenous management of wildlife habitat and explores habitat management within fragmented landscapes.

### **GSE853 Wildlife Management: Principles and Practices**

*4 pg cp*

The unit examines the principles and practices of wildlife management within Australia by exploring management practices to meet commercial, cultural and biodiversity expectations and needs. Practical application of wildlife management principles are emphasised using current case studies to gain an understanding of issues, design,

implementation, monitoring and integration of research within wildlife management programs.

### **GSE854 Biodiversity Survey and Habitat Assessment Techniques**

*4 pg cp*

This unit provides training in the study of wildlife populations. Skills in observation, interpretation and field experience in taxonomy will be linked to planning required to conduct safe and efficient wildlife surveys and research, including design, data entry, storage and analysis. On completion, students will be able to design, conduct and report on wildlife surveys.

### **GSE855 Communication and Wildlife Management**

*4 pg cp*

This unit will provide students with the ability to develop skills in effective communication. The unit will focus on aspects of communication that act as important tools for wildlife managers including mediation, report preparation, community consultation. The unit will focus on effectively communicating information on difficult or emotive management issues.

### **GSE856 Wildlife Survey (design, conduct and interpretation)**

*4pg cp*

The unit teaches methods to design, conduct and interpret flora and fauna surveys. Its purpose is to provide more specialised skills in the collection and presentation. Modelling and analysis at a level sophisticated enough to inform wildlife management decisions will be taught. Concepts include home range analysis, habitat models and minimum viable population calculations.

### **GSE864 (full-time) Research project**

*16 pg cp (completed over one half-year)*

This is a research project on any topic that can be supervised (not necessarily entirely within the GSE). Students produce a paper or two to be assessed by referees and published in an academic or professional journal. Alternatively a student may elect to submit a research report for external examination.

### **GSE866 (half-time) Research project**

*16 pg cp (completed over two half-years)*

Co-requisite: GSE899

This is a research project on any topic that can be supervised (not necessarily entirely within the GSE). Students produce a paper or two to be assessed by referees and published in an academic or professional journal. Alternatively a student may elect to submit a research report for external examination.

### **HGEO800 Heritage: Identification, Conservation and Sustainable Management**

4 pg cp

This unit deals with the identification, conservation and sustainable management of both cultural and natural heritage sites. Sections deal with individual and national differences in perceptions of, and approaches to, heritage research and documentation of heritage, and management of both sites and visitors. Emphasis throughout will be on World Heritage sites and processes.

### **HGEO801 Globalisation and Sustainable Management**

4 pg cp

A critical examination of the concept of globalisation from economic, socio-cultural, political and environmental perspectives. Particular attention will be paid to local implications of global change; local and national policy responses in the fields of economic, social and environmental planning; community responses to globalisation; implications of globalisation for social and environmental sustainability at the local scale.

### **HGEO802 Social Impact Assessment and Cross Cultural Negotiation**

4 pg cp

Social impact assessment is a key tool in managing development in multicultural environments where stakeholders have different views of the world. Using case studies of native title, resource projects and major infrastructure developments, this unit develops conceptual, methodological and practical skills relevant to government, community and private sectors. Students will examine several major social impact studies and native title negotiations.

### **HGEO803 Cultural Issues in Wildlife Management**

4 pg cp

This unit develops conceptual tools to address cross-cultural relationships in wildlife management systems. Using Australian and international examples, it explores different ways of seeing and thinking about key concepts, including “wildlife”, “resources” and “management” and requires students to develop a critical self-awareness of the cultural context of wildlife management.

### **HGEO804 Asia-Pacific Economies**

4 pg cp

This unit examines the nature of change in Asia-Pacific economies. It considers the inter-relationships between forces operating at global to local geographical scales. It also analyses the impact of global forces in changing industrial structures in different countries while simultaneously localities are engaging with these global forces in different ways.

### **HGEO805 Human Geography Research Project**

12 pg cp

This unit offers students the opportunity to design and implement a human geography research project under academic supervision. Students will need to have achieved a Credit average in their coursework units to qualify for admission to this unit. Suitable research topics will be determined in consultation with academic staff.

### **HGEO806 Thinking Geographically**

4 pg cp

A unit exploring contemporary theories in Human Geography. It relates conceptual frameworks in human geography to changes in social theory and environmental studies. It explores how and why theoretical frameworks become subjects for intense debate. The unit is designed for students with an interest in geographical theory and those undertaking research.

### **HGEO807 Research Methods in Human Geography**

4 pg cp

This unit explores methods used by human geographers adopting a social science orientation in their research. The unit presents an overview of planning a research project, explores ethical issues in research and considers a range of methodologies available (qualitative and quantitative) including data analysis, interpretation and presentation.

### **HLTH801 Ageing and Health: Social and Medical Geographic Perspectives**

4 pg cp

This unit examines historical and geographical trends in ageing and considers ageing as a public health issue. As well as highlighting the differential experience of ageing over time and space, it considers issues such as: ageing, health, and the environment (built, work, and natural); injury and chronic illness amongst the aged; needs assessment for the disabled aged; and the migrant elderly and health.

### **HLTH802 The Structure and Physiology of Ageing**

4 pg cp

This unit focuses on the changes to the anatomy and physiology of the human body brought about by the ageing process. Examining how each of the major body systems change with age, the unit explores how these processes affect the physical, social and mental health of elderly people.

### **HLTH803 Health Care Delivery Systems for the Aged**

4 pg cp

How does the continuing rise in the elderly population challenge the health care system? This unit critically examines the special health care requirements of elderly

people including initial assessment and on-going monitoring of dependency, the changing trends in aged care and both formal and informal support networks for aged persons.

**HLTH804 Health Promotion**

*4 pg cp*

This unit discusses the health and social needs of older people, health education and promotion, “active ageing”, access and mobility issues and the contribution of older persons in care, life and community.

**HLTH805 Aged Health Research Project**

*8 pg cp*

This unit offers the opportunity to undertake a piece of supervised research on an approved topic relevant to the Aged Health program. Students are expected to propose a suitable topic, to show knowledge of the relevant literature, use appropriate investigating methods and demonstrate some originality and skill in framing up and carrying through a research proposal.

**ITEC843 Research and Development Practice and Management**

*4 pg cp*

Topics include the role of models in science and engineering, model representations, model based reasoning, computer aided modelling tools (CAD, CAE & CASE), system design, the importance of models in product development, science vs engineering, scientific method, measurement theory, experimental design, data collection and analysis, recent advances in mathematics and statistics, design, and statistical quality, control, innovation, technology transfer and strategic alignment.

**MHPG844 Sources and Skills in History**

*4 pg cp*

The first part of this unit focuses on the location and use of original materials and on the skills necessary for the writing of history. In the second part sources are used to consider the strengths and weaknesses of accessing pictures, landscape, maps, archaeology, archives, and other evidence. Special emphasis will be placed on material evidence and on the museum as educator.

**MHPG847 Rewriting History**

*4 pg cp*

This unit surveys recent acrimonious debates from around the world and explores the historiographical and social implications of revisionism. Topics examined will include the Holocaust, Afrocentrism and the classical world, “Black Armband” Australian history, and Irish history.

**SCED800 The Nature of Teaching and Learning in Science**

*4 pg cp*

Participants explore the nature of science education. Key issues including the purpose of science education, scientific literacy and theoretical frameworks to inform teach-

ing and learning in science are examined. Participants learn about a variety of approaches to science education and explore strategies and teaching techniques associated with these approaches, purposes and frameworks.

**SCED801 Bio-informatics**

*4 pg cp*

Bio-informatics covers the scientific foundation for the study of proteomics, an emerging and significant branch of biotechnology; factors contributing to its rapid growth; the scientific processes and specific techniques utilised in proteomics; a global and Australian perspective of proteomics; and future directions.

**SCED802 Food Science and Biotechnology**

*4 pg cp*

This course will raise teachers’ awareness of recent advances in food science and biotechnology. While biotechnology has the potential to be of enormous benefit to Australian citizens through improved health care and increased food production, some of the products of modern biotechnology, such as gene therapy and genetically modified foods, are controversial among some groups.

**SCED803 Greenhouse Science**

*4 pg cp*

Global warming is a controversial topic but one with a major impact on society and the environment. This subject presents a study of the scientific basis of the enhanced greenhouse effect and its impact, including a review of responses to the problem.

**SCED804 Energy in Society**

*4 pg cp*

Energy is the basis of modern industrial society and is also the key ingredient in natural cycles that sustain life on earth. This interdisciplinary unit approaches energy supply and use from a physical, biological and social perspective.

**SCED805 Science Communication**

*4 pg cp*

Participants will consider the following themes: what is science communication; risk communication; public understanding of science and technology; future citizens and formal science education; images of science; public consultation.

**SCED806 Photonics**

*4 pg cp*

This course will supplement basic physics knowledge, building on an existing sound understanding of scientific processes and procedures. Contemporary advances in optical communication will be examined in theory and in practical activities using kits and computational programs on personal computers, to construct their own informed understanding of the theories that underlie modern photonics industries.

**SCED807 Getting Practical: The Pedagogy of Laboratory Teaching and Learning**

4 pg cp

It is a central tenet of science teaching that laboratory-based practicals are an essential component of a science course, yet little thought is given to the justification of this position, and there is little reflection on the effectiveness of the methods employed. In this unit the pedagogy of laboratory-based practicals will be explored.

**SCED809 Environmental Health in Soil and Water Ecosystems**

4 pg cp

In this unit students will be introduced to a range of environmental issues in relation to our soil and water resources, including soil salinity and erosion, eutrophication, soil acidification, and soil structure degradation. The unit's content related to these issues will be explored in terms of the hydrological cycle, the effect on biological processes, and the effect of human influence.

**SCED810 Forensic Science**

4 pg cp

An introduction to the basic techniques of forensic science (evidence collection, microscopy, toxicology, analysis, DNA typing) as well as the interdisciplinary approach required in professional forensic activities. It includes case studies and scenarios drawn from a wide range of types of forensic science investigation, and makes extensive use of Internet resources.

**SCED811 Resources Recycling**

4 pg cp

This unit uses recycling to illustrate the principles of industrial ecology. Topics may be chosen to suit individual backgrounds and interests from a wide range, including chemical cycles, food and beverage containers, chemical and microbiological protein and fuel recovery from food and crop wastes, utilisation of metal solution wastes and water re-use.

**SCED812 Virtual Geology Excursions**

4 pg cp

This unit explores the use of computer-assisted learning and web-based resources to aid in the teaching of earth sciences in a secondary school environment. The importance of using sound educational principles to underpin the design of materials is stressed, with an emphasis on an inquiry-based approach. Creative exploration of new technologies that promote interactive learning is investigated.

**SCED813 Principles of Geographic Information Systems**

4 pg cp

This subject introduces students to the application of geographic information systems (GIS) as part of the study of the Earth and Environmental Sciences. Students develop the basic theoretical, technical and analytical skills necessary to apply GIS to spatial problems in a range of real

world settings. The subject includes a significant practical component. The operations of GIS and its application to spatial analysis tasks relevant to industry, agriculture and secondary education are examined.

**SCED814 Teaching Cosmology and Astrophysics in Secondary School**

4 pg cp

Major developments in astronomical instrumentation over the last few years have heralded a spate of new discoveries and insights in the rapidly growing fields of astrophysics and cosmology. This subject will allow secondary school teachers to not only acquire new knowledge but keep up-to-date with developments in astrophysics and cosmology.

**STAT830 (subject to approval) Prelude to Bioinformatics**

4 pg cp

This unit will provide the fundamental quantitative and biological knowledge for an understanding of the emerging science of bioinformatics. In addition to molecular biology basics, the unit will provide an introduction to probability, discrete distributions and combinatorics. Data sources will be studied, including the NCBI website.

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## Division of Humanities

### **ACCG835 International Accounting**

4 pg cp

This unit is concerned with issues in both financial and management accounting in international contexts. Particular attention is given to the impact of national culture and to how an understanding of cultural differences provides insights into cross-national differences. Current issues in accounting standard-setting in an international context including the debate on international harmonisation are also examined.

### **AHPG800 Historical Documents in Greek**

4 pg cp

Excluded: AHST200, AHST205

An introduction to ancient Greek for those with no prior knowledge of the language. Further study is available through the unit AHPG808.

### **AHPG801 Historical Documents in Latin**

4 pg cp

Excluded: AHST202, AHST207

An introduction to Latin for those with no prior knowledge of the language. Further study is available through the unit AHPG809.

### **AHPG802 Ancient Historical Sources: Advanced Studies in Greek and/or Latin Texts**

4 pg cp

This unit provides advanced study in Greek or Latin texts. At least two semesters' study of Greek or Latin essential.

### **AHPG805 Greek Papyri**

4 pg cp

Prerequisite: AHPG800 or AHST205

This unit provides advanced study of Greek Papyrological documents.

### **AHPG808 Advanced Greek Documents**

4 pg cp

This unit provides an advanced study of ancient Greek for those who have previously completed an introductory unit in ancient Greek at tertiary level.

### **AHPG809 Advanced Latin Documents**

4 pg cp

This unit provides an advanced study of Latin for those who have previously completed an introductory unit in Latin at tertiary level.

### **AHPG810 Archaeological Evidence**

4 pg cp

Excluded: AHST210

This unit is an introduction to archaeological method and theory, including the results of field work, ancient technology, and methods of scientific study of antiquity, with particular reference to the study of history. The unit will include practical exercises in the use of archaeological material based on items in the University's Museum of Ancient Cultures.

### **AHPG811 Archaeological Practice**

4 pg cp

Prerequisite: AHPG860, AHPG870 (and AHPG866 if AHPG810 not completed)

Students complete six weeks fulltime participation in an excavation in Egypt in December and January. Numbers in this option are strictly limited and students must apply prior to enrolment or, when available, students may complete one of the following:

- a) the residential field school run by the Anglo-American Excavation team at Pompeii (fiveweeks in July-August);
- b) the summer school on Ancient Parthylia in Turkey run by the University of Adelaide (four weeks in July).

Students are individually responsible for meeting any tuition and residential charges and otherwise for planning and paying for travel and accommodation.

### **AHPG820 Topics in Ancient History: Athenian Empire**

4 pg cp

A study of the Athenian empire in the fifth century BC

### **AHPG822 Studies in Ancient Society: Hellenistic Religions**

4 pg cp

A study of Hellenistic religions.

### **AHPG823 History Writing in Antiquity: Herodotus and Thucydides**

4 pg cp

This unit examines a range of historiographical approaches to the reading of these two influential historians.

### **AHPG830 Rome History Studies: Cities of the Roman Near East**

4 pg cp

The unit builds on the Department's continuing fieldwork in the Near East and aims to combine Archaeology with Ancient History in the study of a number of key cities of the Roman Near East. Students will be given the opportunity to learn how to evaluate archaeological evidence against extant literary sources. Students who have taken AHPG824 (Caravan Cities) are permitted to enroll in this unit to tackle new topics and cities (and to play a leading role in discussions!)

**AHPG833 Religious Change in the Roman Empire**

4 pg cp

The conversion of the Empire to Christianity brought about profound changes. This unit explores the way in which these changes affected the lives of a number of prominent figures: the Emperor Constantine and his mother Helena, the Desert Fathers (Antony and Pachomius), Libanius of Antioch—a liberal pagan who refused to change with the times—and Augustine of Hippo whose richly documented conversion had a profound effect on Christian culture. The unit will give enough scope for in-depth studies of all these key historical figures.

**AHPG835 Cities of the Roman East: Ephesus and Aphrodisias**

4 pg cp

This unit will provide an in-depth study of two cities of Roman Asia Minor. The unit will cover topics such as urbanisation, Romanisation and Christianisation. Particular emphasis will be given to the development of civic institutions and architecture as well as to imperial relations with the cities.

**AHPG838 The Annals of Tacitus**

4 pg cp

This unit gives students the opportunity to make a detailed study of one of the most famous works of Roman History. Particular attention will be paid to the life and times of Tacitus himself, especially his relationship with the younger Pliny as well as his depiction of the most important members of the Julio-Claudian dynasty.

**AHPG847 Introduction to Biblical Hebrew**

4 pg cp

This unit will provide an introduction to the Hebrew alphabet, grammar and vocabulary for the study of a number of Biblical texts as well as early Jewish Hebrew documents from the Dead Sea Scrolls.

**AHPG848 Advanced Hebrew**

4 pg cp

This unit provides an advanced study of classical Hebrew for those who have previously completed an introductory unit in Hebrew at tertiary level.

**AHPG860 Ancient Egypt**

4 pg cp

Excluded: AHST261

This unit is an introduction to the history and civilisation of ancient Egypt from the Predynastic Period to the New Kingdom. Special attention will be given to the primary sources, both literary and archaeological.

**AHPG863 Egyptian Wall Paintings**

4 pg cp

A study of the principles of Egyptian art related to wall painting and reliefs.

**AHPG866 Egyptian Archaeology—Theory and Practice**

4 pg cp

Prerequisite: AHPG860

This unit provides an introduction to major sites in Egypt and to methods of archaeological fieldwork.

**AHPG868 Early Dynastic Egypt**

4 pg cp

This unit provides a study of the material culture and socio-political developments of early Egypt until the beginning of the Old Kingdom

**AHPG869 Egypt and the Ancient Near East**

4 pg cp

Prerequisite: AHPG860

This unit provides a study of Egypt's relations with its Near Eastern neighbours from prehistoric times to the 2nd millennium BC.

**AHPG870 Introduction to Middle Egyptian**

4 pg cp

Excluded: AHST260

This unit provides an introduction to the hieroglyphic system of writing and the Egyptian language.

**AHPG874 Middle Egyptian II**

4 pg cp

This unit is a continuation of AHPG 870 including the reading of Middle Egyptian texts.

**AHPG875 New Kingdom Documents**

4 pg cp

A study of historical issues of the 18th Dynasty, in particular of the time of Hatshepsut and Thutmose III, based on the interpretation of sources in the original language and archaeological material.

**AHPG880 Documentary Project**

4 pg cp

A study edition, with historical analysis, of a group of selected artefacts or of Egyptian documents.

**AHPG881 Ancient History Seminar**

8 pg cp

This seminar is taught concurrently with the BA Honours seminar, Themes in Ancient History and is only available to MA students with permission of the convenor.

**AHPG882 Ancient History Minor Research Project**

8 pg cp

A minor thesis of 15,000–20,000 words.

### **AHPG883 Ancient History Minor Research Project Part A**

*4 pg cp*

Prerequisite: usually completion of four half-year units (16) with an average grade of “B” including at least one of AHPG801, 802, 808, 809, 847 or equivalents

Excludes: AHPG882

For unit requirements see AHPG882. This unit is for students who wish to commence a research project in the second half-year. To complete the research project students must also enroll in AHPG884 in the first half-year of the following year. An incomplete grade (“I”) will be awarded for this unit with a final grade being awarded for both AHPG883 and AHPG884 when the research project has been submitted and examined.

### **AHPG884 Ancient History Minor Research Project Part B**

*4 pg cp*

Prerequisite: usually completion of four half-year units (16) with an average grade of “B” including at least one of AHPG801, 802, 808, 809, 847 or equivalents

Excludes: AHPG882.

For unit requirements see AHPG882. This unit is for students who were enrolled in AHPG883 during the preceding half-year.

### **ANTH815 Issues in the Sociology of Development**

*4 pg cp*

This unit introduces development studies by examining theories and practices that have dictated the nature of development assistance to the Third World over the past four decades. Using case studies, this unit considers key issues such as NGOs and commercial program management, gender, sustainable development, human rights, globalisation and mass media, emergency relief and Australia’s aid policies.

### **ANTH821 Indigenous Interests and Identities**

*4 pg cp*

The aim of this unit is to provide an introduction to (some) changing aspects of contemporary Indigenous Australian communities. In order to provide students with an anthropologically informed portrait of one contemporary Aboriginal community, lectures will focus on Central Desert Aboriginal communities (with comparisons to other parts of Aboriginal Australia). In the day lectures, contemporary Warlpiri language, ritual, affect, mythology, art, dance, music, and video specifically will be explored. Evening seminars will focus on the practical considerations of working within an Aboriginal community organisation, Land/Tribal Council, arts administration or other environments.

### **ANTH840 Refugees and Resettlement**

*4 pg cp*

This unit examines in detail the new geopolitical and legal situation concerning refugees through anthropological and other literature, drawing on case studies from the main conflict, refugee and asylum “hotspots”—including Australia. While the main interest will be in conflict as a root cause of flight, encampment and asylum-seeking, the unit will address other domains of forced migration. These include development-created displacement and resettlement, political or policy driven population displacement and so called “environmental refugees”.

### **BUS802 European Business**

*4 pg cp*

This unit provides a thorough introduction to the business environment of the European Union, the world’s single largest market. It reviews the different types of organisations, analyses their financing, business strategy and operational management. Economic and industry policies governing the European Union are also examined.

### **BUS851 Comparative Human Resource Management**

*4 pg cp*

This unit considers the international crosscultural dimensions of human resource management (HRM) theory and practice. In particular, the unit focuses on a series of comparative management studies among a number of Asia Pacific countries and draws out their implications for HRM in multinational organisations, joint ventures and Australian companies’ overseas operations. The unit places generic HRM practice in the context of different social, cultural, political and economic environments. The impacts of globalisation, different industrial relations systems, and HRM policies and philosophies in different countries will be discussed in relation to a theoretical framework of international human resource management. The unit will develop students’ awareness of the contemporary HRM issues in their dealing with international business.

### **BUSL851 International Commercial Law**

*4 pg cp*

This unit examines topics in international trade law, including WTO/GATT, the Vienna Convention on the international sale of goods, letters of credit, the Unidroit principles, carriage of goods by land/sea/air and international commercial arbitration.

### **CWPG810 Creative Writing Seminar I**

*4 pg cp*

This unit deals with the processes of creative writing. It will address practical issues and techniques of writing across various modes. There will be writing exercises designed to develop further writing skills as well as workshoping of students’ writing and the reading and discussion of exemplary texts. The unit will also include a component on research strategies for creative writers.

**CWPG811 Creative Writing Seminar II**

4 pg cp

This unit deals with the processes of creative writing. It will address practical issues and techniques of writing across various modes. There will be writing exercises designed to develop further writing skills as well as workshopping of students' writing and the reading and discussion of exemplary texts. The unit will also include a component on research strategies for creative writers.

**CWPG812 Writing Project**

16 pg cp

In this unit, students will work independently, under supervision, towards the completion and submission of a single creative work within a chosen form and genre. Regular meetings with supervisors will deal with questions of planning, structure and progress. The project will take the form of the manuscript of a text of 30,000 words (or equivalent).

**CWPG815 Writing: Text and Context**

4 pg cp

This unit aims, through the study of texts concerning writing, to further understanding of the contextual arenas in which contemporary writers might be working and publishing. It also examines the more general contexts in which texts are produced. Students are encouraged to reflect upon and/or interrogate their own writing processes and practices as well as to position themselves as writers.

**ECJS843 The Jews of Palestine from the Maccabees to Bar Kochba**

4 pg cp

This unit provides a study of the history of Palestine from the 2nd century BCE to 135CE and of Jewish reaction to foreign rule and to the failure of the two revolts.

**ECJS845 Judaism in the Graeco-Roman Diaspora**

4 pg cp

This unit provides a study of Jewish life, practice and thought in the Mediterranean Diaspora, and of pagan attitudes to Judaism and Jewish reaction to pagan society through literary, archaeological and epigraphic evidence.

**ECJS850 Literature and Thought of Early Christianity A**

4 pg cp

This unit is concerned with Christianity in the pagan Roman empire.

**ECJS851 Literature and Thought of Early Christianity B**

4 pg cp

This unit is concerned with the pagan revival of Julian. It includes an intensive study of the reign of Julian the Apostate, especially on the conflict of religions (paganism versus Christianity), Julian's personal religion, his

letters and the different contemporary views on his controversial reign.

**ECJS853 The Quest for the Historical Jesus**

4 pg cp

This unit provides a study of the quest for the historical Jesus since the 18th century with special reference to modern discussion, and of Jesus' life and ministry in the context of contemporary Jewish society.

**ECJS854 The Pauline Churches**

4 pg cp

The career of Paul and the foundation and development of the Pauline Churches is studied from both a social historical and a history of ideas perspective.

**ECJS880 Documentary Project**

4 pg cp

A study edition, with historical analysis, of a group of selected artifacts or of Hebrew, Aramaic, Greek or Latin documents.

**ECJS881 Minor Research Project B**

4 pg cp

A minor thesis of 15,000–20,000 words to be completed over one or two semesters. This unit is for students who were enrolled in ECJS883 during the preceding half-year.

**ECJS882 Minor Research Project**

8 pg cp

A minor thesis of 15,000–20,000 words to be completed over one or two semesters. Candidates intending to take this unit must consult with the course co-ordinator.

**ECJS883 Minor Research Project A**

4 pg cp

A minor thesis of 15,000–20,000 words to be completed over one or two semesters. This unit is for students who wish to commence a research project in the second half-year. To complete the research project students must enrol in ECJS881 in the first half-year of the following year. An incomplete grade ("I") will be awarded for this unit with a final grade being awarded for both ECJS883 and ECJS881 when the research project has been submitted and examined.

**ECJS884 Archaeological Fieldwork**

4 pg cp

Prerequisite: AHPG810

Students complete the four-week summer course in archaeological field work of Tel Aviv University in July or August. It consists of full-time residential participation in an excavation in Israel, together with the concurrent course on the historical geography and archaeology of the coastal plain of Israel. Prospective students should consult the Ancient History Department before enrolling. The balance of the half year will be spent in a program of related study either abroad or at Macquarie, for which



students must secure approval from the Head of Division before leaving Australia. Information on other courses abroad which would fulfil this requirement may be available. A pass in the unit requires the credit awarded by Tel Aviv University in respect of the course there and the production of a satisfactory written report on the program of related study by the end of the Macquarie half-year.

Students are individually responsible for meeting the tuition and residential charges and otherwise for planning and paying for travel and accommodation. Advice on obtaining concessions and grants in aid may be obtained through the Department.

**ECJS941 New Discoveries in Early Christian and Jewish Studies: Qumran, Nag Hammadi, Kellis (RLST 6041)**  
*4 pg cp (At the University of Sydney)*

Early Christian and Jewish studies have been transformed in recent decades not only by developments in method and cross-fertilisation with other disciplines, but by a series of spectacular new textual (and material) discoveries that have provided source material previously unknown. This unit of study will consider both this process (in terms of the transformation of a discipline) and detailed examples of such material, including access to unpublished texts discovered by an Australian archaeological project currently working at Ismant el-Kharab (ancient Kellis).

**ECJS942 Spirituality and Mysticism in the Early Christian World (RLST 6042)**  
*4 pg cp (At the University of Sydney)*

This unit of study will discuss the development of the Christian mystical tradition in its historical and philosophical contexts, with special reference to the Origenist school (Origen, Gregory of Nyssa, Evagrius) and also to the spiritual and hagiographical traditions of early Christian monasticism.

**ECON828 International Investment and Risk**  
*4 pg cp*

This unit is concerned with the analysis and management of international investments. Both direct foreign investment and portfolio investment are examined in detail.

**ECON846 International Monetary Policy**  
*4 pg cp*

The unit examines selected issues of international monetary policy. Emphasis is on economic argument and understanding rather than advanced mathematical expertise. Topics include: role, problems and reform of the International Monetary System; international liquidity; central bank intervention; external debt and solvency; European Monetary Union.

**ECON847 International Trade**  
*4 pg cp*

This unit examines international trade both in theory and practice. It first reviews the theories related to inter- and

intra-industry trade determination and trade policies, covering a wide range of topics.

**ECON853 Economics of Public Issues**  
*4 pg cp*

This unit includes selected topic areas with an emphasis on the application of economic theory and research methods to particular public issues, including education, environment, energy policy, tourism, defence, housing, privatisation, transport, and the arts.

**ECON857 Economic Development and World Economic Order**  
*4 pg cp*

This unit surveys various issues in world economic development. Lectures and seminars will, with reference to historical experience, study the causes and process of economic development, examine the problems facing the less developed countries, and discuss the measures which may be taken to accelerate economic development in these countries.

**ECON867 International Financial Management**  
*4 pg cp*

The aim of this unit is to apply relevant elements of international finance to the analysis of financial management of multinational corporations, companies, financial institutions and central banks. We evaluate the impact of exchange rate and international interest rate volatility on corporate, institutional and government decision makers and attempt to explain and forecast the behaviour of currency rates.

**HGEO800 Heritage Identification, Conservation and Sustainable Management**  
*4 pg cp*

This unit deals with the identification, conservation and sustainable management of both cultural and natural heritage sites. Sections deal with individual and national differences in perceptions of, and approaches to, heritage research and documentation of heritage, and management of both sites and visitors. Emphasis throughout will be on World Heritage sites and processes.

**HGEO801 Globalisation and Sustainable Development**  
*4 pg cp*

This unit provides a critical examination of the concept of globalisation from economic, socio-cultural, political and environmental perspectives. Particular attention will be paid to local implications of global change; local and national policy responses in the fields of economic, social and environmental planning; community responses to globalisation; implications of globalisation for social and environmental sustainability at the local scale.

**HGEO802 Social Impact Assessment and Cross Cultural Negotiation**

4 pg cp

This unit is concerned with Social Impact Assessment as a key tool in managing development in multicultural environments where stakeholders have different views of the world. Using case studies of native title, resource projects and major infrastructure developments, this unit develops conceptual, methodological and practical skills relevant to government, community and private sectors. Students will examine several major social impact studies and native title negotiations.

**ICOM811 Communication and Social, Economic and Political Development**

4 pg cp

This unit examines the process of international communication in the context of social, political and economic development. It includes a study of the literature on communication and development and focuses on ways policies are developed to facilitate change. In addition to the theoretical basis for communication, particular attention is given to the role of the media and its effect on public opinion. Finally, theory and practice come together in a series of group presentations which provide practical experience in the development of arguments in support of national development projects.

**ICOM812 Cross-cultural Communication**

4 pg cp

This unit explores the way groups of people, who are linguistically, culturally and historically different from each other, communicate (or fail to). It examines three areas—international cultural interaction and communication; multicultural communication (within Australia); and the ways in which Anglo-Australian culture represents various “Asian” cultures.

**ICOM813 International Communication Flows**

4 pg cp

This unit considers the growth of the global flow of information over recent decades, and with it the growing volume of academic research. It examines the international debate that has surrounded communication flow, and addresses the validity of the debate in the light of recent developments and technological advances.

**ICOM814 Development Communication**

4 pg cp

The course involves three main parts, all underpinned with relevant case studies. First, it includes a study of the origins, growth and development of the area of human activity traditionally known as Development Communication (often abbreviated to “DevComm”). Second, it involves students, theoretically and practically, in the area of DevComm referred to as “Development Journalism”. And third, it includes elements of “Participatory Communication” in theory and practice.

**ICOM815 Communication and Power Paradigms**

4 pg cp

This unit looks at global media events, including the Gulf War, the June 4th movement, the stock market crash of ‘89 and the fall of the Berlin wall. It asks how power is implicated in the construction of images of such events and their outcomes.

**ICOM816 Communication and International Political Economy**

4 pg cp

This unit examines the field of international political economy and its nexus to World Order. It then goes on to examine communication and World Order from a political economic perspective. While providing a grounding in conventional IPE, this unit moves on to find a corridor between political economy and culture.

**ICOM817 Transnational Communication**

4 pg cp

This unit will examine the field of satellite communication discussing policy aspects as well as audience use of satellite communications.

**ICOM818 Research Seminar in International Communication**

4 pg cp

In this unit students will be intensively exposed to International Communication research projects through examination of published research studies and unpublished dissertations. Students will be required to write critiques of selected research projects. Students will learn and improve analytical and critical skills through discussions of conceptual frameworks and theories used in conducting research in international communication; analysis of different research designs and their methodological logic; and presentation skills.

**ICOM821 Intercultural Communications**

4 pg cp

The unit will examine communication between individuals across cultures. The purpose of the unit is to develop analytical and practical skills which allow for improvement of the interpersonal communication processes in professional, business and institutional settings within an intercultural context.

**ICOM828 Special Project**

4 pg cp

The Special Project provides candidates with an opportunity to engage in practical work in their chosen field as well as produce a research document showing evidence of critical thinking. Students may either take an internship of a total of 100 hours and a critical commentary of 4,000 words or create a media product and a critical commentary of 4,000 words.

**ICOM891 Communication Research Methodologies**

4 pg cp

The purpose of this unit is to prepare students for their final research projects in ICOM818. Students will be instructed in the principal research methodologies used in the field of international communication. These include ethnographic research, case studies, content analysis, delphi method, discourse analysis, documentary research, focus groups, in-depth interviews, projective technique, semiotics studies and survey method.

**ICOM892 International Public Relations and Advertising**

4 pg cp

This unit will examine the relationship between media, the state and other international actors. It will examine the literature on “public diplomacy” and “media and foreign policy”.

**ICOM895 Information Campaigns**

4 pg cp

This unit examines the theoretical base for information campaigns and the practical elements involved in their development, implementation and evaluation. It combines a study of the theories of propaganda, persuasion and public opinion with analysis of the advantages and limitations of different communication models. It looks at how effective media relationships are established at a local, national and international level and examines case studies of governmental, social issue and political campaigns in the developed and developing world. Research techniques used for campaign development and evaluation are studied at first hand and a series of group presentations provide practical experience in the strategic development of information campaigns.

**IRPG830 The Politics of International Human Rights Law**

4 pg cp

This unit examines the origins, nature, enforcement and effectiveness of international human rights law in the international system. The unit looks at the major institutional expressions of international human rights law, such as the UN Charter, universal declaration of International Human Rights, the International Covenant on Civil and Political Rights and the International Covenant on Social, Economic and Cultural Rights, as well as the main areas covered such as minorities, women, children, refugees and Indigenous people.

**IRPG831 The Politics, Law and Morality of International Political Violence**

4 pg cp

This unit examines the nature and forms of international political violence as well as the international rules—legal, conventional and moral—regulating the major expressions of such violence including war, terrorism, revolution and civil war.

**IRPG837 East Asia and the International Political Economy**

4 pg cp

This unit employs a political-economic understanding to illuminate processes of change and development in the East Asian region. The primary theme is the establishment there of a “western” political-economic order.

**IRPG838 International Internship Program**

4 pg cp

Students approved for this option complete a placement of approximately three months at a government or non-government organisation, concerned with international policy issues, under supervision and submit a report on completion.

**IRPG840 The International System**

4 pg cp

This unit provides an overview of global politics focusing on an analysis of the nature, measurement and exercise of power in international relations; the study of the clash of interests and the nature of conflict and war between the major players; and, a consideration of the moral and institutional constraints developed by the global community on the exercise of power.

**IRPG841 Theory of International Relations**

4 pg cp

This unit surveys the main theoretical approaches to conceptualise and explain how international relations operates including world society, world authority, power politics and Marxist approaches, the sub-streams of strategic studies, behaviourism, peace and conflict studies, plus the third world, feminist and post-modernist critiques.

**IRPG842 Politics of International Law**

4 pg cp

This unit provides a study of the nature of international law in relation to the operation of municipal or domestic law. It looks at the sources of international law and certain key topics including statehood and recognition, the use of force, succession and jurisdiction. The emphasis is on the interaction between law and politics and such questions as to the effectiveness/ ineffectiveness of international law, especially in the case of treaties.

**IRPG843 International Relations of the Middle East**

4 pg cp

This unit provides a study of the international relations of the Middle East in both its regional and global aspects, including in the “New World Order”. After a study of the special epistemological issues involved in Middle Eastern studies, the unit investigates three conflict situations—Israel- Palestine, Iran-Iraq and the on-going crisis in the Gulf.

**IRPG844 The Asian-Pacific Region and Australia**

4 pg cp

This unit studies the international relations of Australia in the Asian-Pacific region, focusing on government policy in foreign, security and economic policy but also including the interactions of NGOs and individual Australians with the global system in such issues as disarmament, the environment, human rights, foreign aid and labour conditions. Australia's bilateral and multilateral relations will also be considered.

**IRPG845 International Institutions**

4 pg cp

This unit provides a study of the role of international institutions, such as the UN Security Council and World Health Organisation, IMP and World Bank, in the context of world order and the management and regulation of relations between states and other global actors. Particular attention is given to the UN system, to peace-keeping and global economic management

**IRPG846 Research Project**

8 pg cp

A substantial research project of at least 12,000–15,000 words on an approved topic.

**IRPG848 International Organisational Analysis**

4 pg cp

Organisation as a form of technology has long been recognised as a constituent element of modern politics and classical theories of organisation have always informed our understanding of how international institutions work. In the new information era, new theories and forms of organisation are emerging. This unit examines the implications of these theories for international institutions.

**IRPG849 International Political Economy**

4 pg cp

The ascendancy of international political economy (IPE) within the disciplinary umbrella of international relations (IR) has reflected both global processes and a belief that to understand international order more fully, one would do well to integrate an understanding of economic power wielded by both state and non-state actors. This is an advanced IPE unit examining power, change and inequality in the global political economy. In addition to the perennial debates, current issues in the political economy of international relations are also addressed. This offers an opportunity to review both the major interpretive traditions in IR as well as more recent theoretical developments.

**IRPG854 Conflict in the Pacific**

4 pg cp

This course examines the security issues—external and internal, political and economic—in the Pacific islands,

including Papua New Guinea, West Papua, The Solomon Islands, Fiji, East Timor and New Caledonia.

**IRPG855 Globalisation, Development and Nation State-Building in Africa**

4 pg cp

Globalisation poses special challenges for African development and state-building. The history of African states has been very turbulent in the postcolonial period: in many, the capacity of the state to govern has been questioned. This unit examines globalisation and development debates, focusing on South Africa's relations with Africa and the rest of the world.

**LAW860 Transnational Environmental Law**

4 pg cp

This unit examines the sources and obligations of international law in relation to the environment and their connection with municipal laws, related inter-governmental organisations and non-government organisations. It concentrates on the major international environmental debates being addressed at the present time, including such issues as the greenhouse effect, ozone depletion, biodiversity, ocean pollution and sustainable development.

**LIT801 Nineteenth Century Literature**

4 pg cp

This unit considers the fiction, prose and poetry of the nineteenth century. Literary and cultural issues are addressed through critical analysis of the work of representative writers.

**LIT802 Shakespeare and the Renaissance**

4 pg cp

This unit studies poems and plays by Shakespeare and other writers of the English Renaissance in relation to notions of gender, sexuality, subjectivity and power. The texts are considered in the context of the unorthodox, the heretical and the alien.

**LIT803 Literary Discourse**

4 pg cp

This unit examines the use of language in literary texts. It surveys attitudes to the language of literature and explores distinctions between literary and non-literary uses of language. Assessment includes a number of brief practical exercises.

**LIT804 Twentieth Century Literature**

4 pg cp

This unit considers the development of modernist and contemporary literature. Literary and cultural issues are addressed through critical analysis of the work of representative writers.

**LIT805 Gender and Genre**

4 pg cp

This unit addresses various discourses of gender and genre. It examines their interactions, how they illuminate textual processes and how they influence the production of meaning in literary texts.

**LIT806 Literary Theory**

4 pg cp

This unit considers some theoretical movements and issues of literary criticism. Areas may include the concept of the text; subjectivity and the reader; literature and gender; art and value; literature and culture.

**LIT807 Research Topic**

8 pg cp

A research project of about 20,000 words on a topic to be decided in consultation with the course convener and supervised by an individual supervisor. The completed project is expected to show a good knowledge of the chosen topic and its contexts.

**LIT808 Research Topic**

4 pg cp

A research project of about 20,000 words on a topic to be decided in consultation with the course convener and supervised by an individual supervisor. The completed project is expected to show a good knowledge of the chosen topic and its contexts. This unit enables mid-year entry and facilitates extended or interrupted candidature.

**LIT809 Special Study I**

4 pg cp

This unit allows students the opportunity after consultation with the course convener to pursue a specialised area of study not available within the MA in Literature.

**LIT810 Special Study II**

4 pg cp

This unit allows students the opportunity after consultation with the course convener to pursue a specialised area of study not available within the MA in Literature.

**LIT812 Text, Image, Screen**

4 pg cp

This unit considers some of the issues surrounding the interpretation of multi-genre material and its transformations. Texts are drawn from illustrated narrative; film; television drama and adaptation; and other sources as appropriate.

**LIT815 Australian Women's Writing**

4 pg cp

This unit provides a conspectus of significant authors and themes in the area of Australian Women's Writing, especially prose fiction, journalism and cultural critique. Discussion will be broadly organised around issues of power, gender, class and money. Political, social, eco-

nomie and individual conflicts will be addressed, through close literary and contextual analysis.

**LIT844 Children's Literature Dissertation**

8 pg cp

Candidates will complete a dissertation of about 20,000 words on some aspect of children's literature: this could be an author, genre or thematic study, for example; or have a bibliographic or pedagogical focus.

**LIT846 Retelling Stories: Sources of Children's Literature**

4 pg cp

This unit focuses on the retelling of traditional stories, mainly drawn from European cultures, as a significant endeavour in Anglophone children's literature. It examines how the retelling of, in particular, classical myths, Bible stories, heroic legends, Arthurian romances and "oriental" tales discloses the aspirations of society and the values it wishes to convey to children.

**LIT847 Romanticism to Postmodernism: Developments in Children's Literature**

4 pg cp

This unit examines the critical and cultural development of children's literature from the nineteenth century to the present. The unit relates the literature to social and intellectual history, and considers the impact of major paradigm shifts. Topics may include the social and literary constructions of childhood; development of the Bildungsroman for younger readers; the representations of gender, class, race and power; the development of social realism and of fantasy.

**LIT848 Young Adult Fiction**

4 pg cp

This unit examines some major themes and concerns associated with young adult fiction as a field of study: self-definition and subjectivity; exploring sexuality and writing the body; social power and social responsibility; representations of self and society; relationships with dominant ideologies of twentieth century children's literature.

**LIT854 Narrative: Theory and Method**

4 pg cp

Using both theoretical texts and works of fiction, this unit examines the critical application of key aspects of narrative theories to children's fiction.

**LIT855 Australian Children's Literature**

4 pg cp

This unit considers the development of Australian writing for children, with special emphasis on the last two decades. What is characteristic of Australian children's literature? Is there an Australian tradition? What particular developments have taken place in realistic and in fantasy fictions?

**LIT856 Picture Books**

4 pg cp

This unit examines picture books as multi-media texts, focusing on text-picture interrelationships; the organisation of narrative in books for young children; the function of picture books as bearers of dominant and embedded cultural ideologies; experimental picture books.

**LIT859 Disney and the Folktale Canon**

4 pg cp

This unit examines how the Disney industry has defined folktale for the twentieth century, especially its contents and structures. It explores the significances given to the “universal” structural elements employed in film and television versions of folktale and their potential for ideological impact on culture, especially in the promotion of particular cultural formations and the containment of change (as in the shifting representations of limited female agency).

**LIT860 Comedy in Children’s Texts**

4 pg cp

By focusing on some of the principal types of comic effect in texts produced for children—the ludicrous and the ridiculous; carnivalesque, iconoclasm and parody; zanyism; comic violence; transgressiveness—this unit examines how texts teach, reproduce and reflect notions of the comic, and construct social functions for the comic.

**LIT864 Children’s Literature: Concepts and Theories**

4 pg cp

This unit introduces students to contemporary literary and cultural theories pertinent to reading and analysing texts produced for children. Topics include social and historical contexts for the production and reception of children’s literature; constructions of childhood; semiotics of visual and verbal texts; critical approaches to children’s texts; ideology and value; classics, canons and postmodernity.

**MAS801 Media Flows**

4 pg cp

This unit explores some relationships between new media and social and cultural change. A focus will be on cultural and political dimensions of the Internet, in the context of globalisation. Contemporary developments in communications, including such concepts as convergence, virtual community and interactivity, will be examined.

**MAS802 Interpreting Technology**

4 pg cp

This unit surveys the various means by which technology’s role in twentieth-century society has been interpreted. The approach incorporates theoretical models, the contemporary experience of technology, and the representation of technology in twentieth-century aesthetics.

The legal and cultural ramifications of digital media technologies are also assessed.

**MAS803 Communications Technology and the Law**

4 pg cp

This unit will examine the historical emergence of legal principles governing communications technologies from print to electronic media. The unit will provide an historical and comparative survey of common law and statutory approaches, including constitutional and administrative law analyses.

**MAS806 The Public and the Private**

4 pg cp

This unit examines the public/private split underpinning legal recognition of property, reputation and privacy rights in regulating the use of and access to information and opinion by corporations and individuals. The impact of the organisation and widespread use of new electronic media on legal regimes governing copyright, defamation and privacy will be discussed.

**MAS807 Communication Rights and Responsibilities**

4 pg cp

This unit will examine “freedom of communication” to highlight the tension between traditional liberal “rights” discourse and growing challenges to it. The question of where to draw the line between constitutionally protected and unprotected speech, and who is to draw the line is examined.

**MAS808 Special Topic Project**

4 pg cp

A major paper on an approved topic relevant to the communication program will be prepared under supervision. Students are expected to propose a suitable topic, to show a knowledge of relevant literature, use appropriate investigatory methods, and to demonstrate some originality and skill in treatment and arrangement.

**MAS810 Telecommunications and World Order**

4 pg cp

This unit surveys the increased importance of telecommunications technologies and industries in light of competing notions of world order and the role of citizens. The social and economic impact of global information structures will be canvassed in respect of developed and developing countries, including issues of universal service and the regulatory capacities of nation states and international agencies.

**MAS898 New Media Technologies**

4 pg cp

This unit introduces students to new media theory and practice by combining critical analysis of the discourses surrounding new media technologies with hands-on experience in producing new media.

**MHPG844 History, Culture and Museum Studies**

4 pg cp

The first part of this unit focuses on the location and use of original materials and on the skills necessary for the writing of history. In the second part sources are used to consider the strengths and weaknesses of accessing pictures, landscape, maps, archaeology, archives, and other evidence. Special emphasis will be placed on material evidence and on the museum as educator.

**MHPG847 Rewriting History**

4 pg cp

This unit surveys recent acrimonious debates from around the world and explores the historiographical and social implications of revisionism. Topics examined will include the Holocaust, Afrocentrism and the classical world, “Black Armband” Australian history, and Irish history.

**MHPG848 An Introduction to Modern Historiography**

4 pg cp

An introduction to views of the nature, boundaries and purpose of “history” since the beginning of the nineteenth century. Topics explored include empiricism, universal histories, objectivity and truth, gender, changing understanding of subject matter and evidence, post-colonialism and post-modernism.

**MHPG888 Minor Research Project A**

4 pg cp

Prerequisite: usually completion of 4 half-year units (16 pg credit points) with an average grade of credit.

A minor thesis of 7,500–10,000 words.

Guidelines for thesis preparation and presentation are the same as those for Honours theses. Candidates intending to take this unit MUST consult with Associate Professor Michael Roberts and with a potential thesis supervisor. Unit availability subject to suitable supervision arrangements.

**MHPG889 Minor Research Project B**

4 pg cp

Prerequisite: usually completion of 4 half-year units (16 pg credit points) with an average grade of credit.

A minor thesis of 7,500–10,000 words.

Guidelines for thesis preparation and presentation are the same as those for Honours theses. Candidates intending to take this unit MUST consult with Associate Professor Michael Roberts and with a potential thesis supervisor. Unit availability subject to suitable supervision arrangements.

**MHPG892 Modern History Minor Research Project**

8 pg cp

Prerequisite: usually completion of 4 half-year units (16 pg credit points) with an average grade of credit usually completed over 2 semesters. Students enrolling in mid-year should enrol in MHPG888 and then in MHPG899 to complete the same program.

A minor thesis of 15,000–20,000 words.

Guidelines for thesis preparation and presentation are the same as those for Honours theses. Candidates intending to take this unit MUST consult with Associate Professor Michael Roberts and with a potential thesis supervisor. Unit availability subject to suitable supervision arrangements.

**MHPG903 Famine in the Modern World**

4 pg cp

This unit will explore the problem of famine and the nature of famine in general by focusing on three major areas in Modern World History, Ireland 1845–1850, USSR 1932–1933, Bengal 1943.

One of the key ideas is that of Amartya Sen viz the notion of “entitlements”, that modern famines reflect a breakdown in a moral order, the system that determines who has the right to what food, and in what quantities, as well as breakdowns in the production and distribution of food.

**MHPG905 Victorian Religion in Britain and Abroad**

4 pg cp

This unit explores the question “Why was religion and religious observance so important to men and women in the Victorian era?” The role of religious revival will be examined, together with religion and social class, secularism and the churches, the changing relationship of church and state and the part played by the churches in Britain’s expanding empire, with particular reference to Australia, New Zealand and the Pacific.

**MHPG907 Religion, Crisis and the State**

4 pg cp

This unit offers an alternative history of religion, by exploring the state religions of both the pagan world and the Christian West (especially Italy and Tudor England). It shows how, ie, by what devotional means, the state maintained that crucial relationship with the all-powerful god(s), who were its guardians and how it placated the gods, whose anger, (provoked by sin, disobedience or other offence) was believed to cause the great disasters, famine, earthquakes, pestilence, and war.

**MHPG910 The American Civil War: The Beginnings of the Total War**

4 pg cp

This unit is a study of the first modern war. It concentrates on the experiences of common soldiers and tries to determine why they fought and died. It employs the methodology of “history from below”.

**MHPG911 Morals and Markets**

4 pg cp

A survey of the most notable campaigns to place cultural limits on the operation of the free market in British, American and Australian society from 1760 to the present. Case studies include the slave trade, drink and drugs, gambling, prostitution, “consumerism” and commercial advertising.

**MHPG912 World Historians**

4 pg cp

This unit examines changing visions of the nature and purpose of world history and its reception by other historians and the wider community. Topics include understandings of “world” in ancient and modern writings, Euro and American-centrism, globalisation, and women and world history.

**MKTG801 International Marketing**

4 pg cp

This unit examines the factors that influence marketing strategy in an international setting. Topics include: the concept of international marketing; world economic development; the social and cultural elements of the world market environment; the political-legal environment; international marketing intelligence; marketing channels and international logistics.

**POL801 Public Policy Dissertation**

8 pg cp

This unit is available only to students expressly invited by the convenor of the Master of Politics and Public Policy program to undertake it. It will provide an opportunity to those students with demonstrated skills and capacity to conduct a major piece of research into some aspect of public policy.

**POL820 Politics and Policy: Theory and Applications**

4 pg cp

An overview of the literature of policy studies, including the “policy cycle” of formulation, implementation and evaluation, with attention to social and organisational processes and current reform issues and controversies.

**POL822 Research Methods**

4 pg cp

Critical review of research methods in the social sciences with special emphasis on the use to which research is put by policy makers and the pressure for “evidence-based” policy.

**POL825 Politics of Australian Health Policy**

4 pg cp

This unit examines the development of institutions, issues and conflicts in Australian health policy since the Second World War, including an examination of the influence of federal/state relations, interest groups, the

political parties and policy networks on the formation of health policy.

**POL826 Gender and Policy**

4 pg cp

This unit provides an examination of the crucial variable of gender in relation to public policy: where it is regarded as relevant and where it is not, but should be; and attempts by women to shape public policy by being involved in the policy process, as lobbyists, policy participants and bureaucrats.

**POL827 Public Policy and International Law**

4 pg cp

This unit examines the ways in which both customary and treaty based international law impacts directly and indirectly on public policy with special reference to the area of human rights.

**POL828 Policy-making and Public Opinion**

4 pg cp

This unit examines how policy makers in the political parties and the public service understand public opinion and how their decisions are thereby affected. It includes issues of democratic control and management power and draws on comparative evidence and argument.

**POL831 Political Parties and Policy**

4 pg cp

This unit looks at the impact of elections, party politics and changes of government on the policy process. Case studies drawn from recent federal and state elections are used to look at election campaigns, party policy formation and the transition to government.

**POL833 Intergovernmental Relations**

4 pg cp

A federal political system presents many additional problems and opportunities to policy makers. This unit looks at theories of federalism, the history of Australian intergovernmental relations and uses case studies to explore recent changes in significant policy areas.

**POL835 Internship Project**

4 pg cp

Pre or corequisites: POL820 and POL822 (or its equivalent)

Under this option, students complete a placement with an appropriate policy oriented organisation, undertaking work assigned by the organisation. They will also be required to complete a report on their placement. Note please: enrolment in this unit requires the express permission of the Convenor of the MPPP.



**POL836 Public Policy and Accountability**

4 pg cp

This unit provides an examination of the growing array of mechanisms (administrative law, ombudsmen, auditors-general, parliamentary committees, judicial review, ICAC, FOI, whistleblower protections) designed to hold public policy makers accountable and the problems that privatisation and contracting out cause for the effectiveness of these mechanisms.

**POL841 Theory of International Relations**

4 pg cp

This unit provides a survey of the main theoretical approaches to conceptualise and explain how international relations operates including world society, world authority, power politics and Marxist approaches, the sub-streams of strategic studies, behaviourism, peace and conflict studies, plus the third world, feminist and post-modernist critiques.

**POL856 Politics of Australian Communications Policy**

4 pg cp

This unit examines the politics underlying Australian communications and cultural policies: how government policy shapes the media, including digital media, and the influence of different stakeholders on policy.

**POL892 Special Seminar—Topics in Australian Politics**

An introduction, for international students, to the Australian political system. This unit prepares students for later units which assume some familiarity with the Australian political scene.

**SOC818 Evaluation and the Policy Process**

4 pg cp

The unit objectives are:

- Situate evaluation in relation to the rest of the policy process;
- Introduce students to the history of program evaluation;
- Introduce students to some of the principal and most influential program evaluation approaches;
- Develop an awareness of the politics of evaluation;
- Develop an awareness of the ethical issues involved in evaluation;
- Develop a basic methodological awareness of how to undertake program evaluation.

**TRAN816 Theory and Practice of Translation**

4 pg cp

This unit comprises two hours a week lecture/workshop focusing on linguistic and cross-cultural aspects of achieving equivalence in translation and interpreting, plus four hours a week language specific lectures and translation practice involving translation from English

into LOTE and from LOTE into English of selected texts illustrating equivalence problems.

**TRAN821 Interpreting Techniques**

4 pg cp

A practical course in listening, understanding, remembering and note taking of spoken passages and dialogues and an introduction to on-sight and consecutive interpreting from LOTE into English and from English into LOTE.

**TRAN903 Languages and Cultures in Contact**

4 pg cp

The unit aims to provide students with the opportunity to develop a reasoned understanding of the impact of cultural patterns (beliefs and values) on an individual's verbal and non-verbal behaviours.

**TRAN904 Cross-cultural Pragmatics for Translators and Interpreters**

4 pg cp

This unit provides an introduction to linguistic pragmatics showing the relevance of an understanding of specific social and cognitive contexts to the analysis of spoken and written discourse.

## Division of Information and Communication Sciences

### ITEC800 The Software Development Process

4 pg cp

Topics include the software development life cycle and its phases, generic and project specific aspects of the life cycle, risk, estimation methods, process models and modelling, process maturity, process improvement, metrics, experimentation, reliability, experience packaging, organisational issues, socio-technical aspects of process, software evolution, process centred development environments and standards.

### ITEC801 Introduction to Distributed Systems

4 pg cp

This unit covers both fundamental issues and recent trends in distributed computing. We examine the complexities of distributed systems communications such as partial failures, shared memory, scheduling problems and multiple clocks. Networking protocols and other industry standards are discussed. Lectures will mostly be expository and conceptual and aim to provide a solid understanding of distributed systems and related enduring issues.

### ITEC802 Object Oriented Technology

4 pg cp

Object-oriented design approaches apply methods for producing applications software that place correctness and reusability as principal aims. Its tools include object classes, inheritance, message passing and polymorphism. This unit examines object oriented design and programming with applications to simulation. Project work uses the programming language Java.

### ITEC803 Computer Networks

4 pg cp

This unit concerns itself with the design and implementation of real-world computer networks. We consider the various layers of modern network systems design, from the physical medium, through software protocol layers to the application protocols. Technical issues inherent to each layer are examined including routing, error detection and correction, flow control, connection management, data representation and network security management.

### ITEC810 Information Technology Project

4 pg cp

Depending upon a candidate's specialist stream, interests and employment circumstances, this unit may comprise literature research, a case study, a software project development, a project sponsored by the candidate's employer,

or an industry internship. Candidates are expected to demonstrate initiative and independence in researching, executing and documenting a more involved ICT project.

### ITEC812-815 Special Topic in Information Technology

4 pg cp

The content and availability of this unit will vary subject to developments in the ICT discipline and the availability of particular (often industrially based) expertise. Special topic units present novel material of current interest and provide a context within which students may engage with emerging technologies and trends as they arise.

### ITEC816-819 Special Topic in Information Technology

2 pg cp

The content and availability of this unit will vary subject to developments in the ICT discipline and the availability of particular (often industrially based) expertise. Special topic units present novel material of current interest and provide a context within which students may engage with emerging technologies and trends as they arise.

### ITEC820 Software Development Methods, Tools and CASE

4 pg cp

Topics include formal and informal methods, CASE tools, tool inter-working, tool integration, the role of metrics, and Computer Supported Cooperative Work (CSCW). The software development issues covered with these topics include quality, measurement, reliability, testing, safety, proving correctness, tools and standards. Specific examples drawn from current and emerging industry practice, illustrate the concepts presented.

### ITEC821 Requirements Engineering

4 pg cp

The unit offers a rigorous, up-to-date understanding of the underpinnings and realities of requirements engineering and management in practice. In addition, it covers some of the potential solutions that are beginning to emerge from within the requirements engineering (RE) research community. The unit provides an extensive and critical coverage of RE methods, supported by a number of case studies.

### ITEC822 Advanced Programming in Software Engineering

4 pg cp

We consider the influence of advanced programming techniques on the software engineering process. Students study one or more modern programming languages, focusing on features that directly support process phases such as specification, design and validation. Examples include using equational reasoning in functional languages to support specification, or aspects in object-oriented languages to enable system decomposition according to cross-cutting concerns.

### **ITEC823 Advanced Design and Programming Techniques**

4 pg cp

The unit introduces students to the still emerging notions and practice of "agile" or "lightweight" software development methods (eg XP, Crystal and dX), which are characterised by development processes that are adaptive, responsive, people-oriented and risk focused. The unit provides an extensive and critical coverage of agile methods, supported by a number of case studies and practical exercises.

### **ITEC824 Software Development for Handheld and Mobile Devices**

4 pg cp

Modern computing technology is evolving from large machines and desktop personal computers to devices that are able to fit in a pocket. This unit is an introduction to software development for these mobile devices. Topics covered include an overview of the characteristics of mobile devices, aspects of user interface design for small screens, software development tools, and synchronisation with desktop platforms.

### **ITEC830 XML Technologies**

4 pg cp

A thorough introduction to the technological fundamentals of web based e-commerce, emphasising the application of XML (eXtensible Markup Language) as a tool for structuring transactions and organising complex dynamic information. Topics include document computing (web-servers, XML, XSLT), web services (application servers, SOAP), XML data formats and standards, meta-data and XML databases.

### **ITEC831 Advanced Internet Programming**

4 pg cp

This unit covers the core technologies that make the Internet work. Topics include Internet standards for web, mail and related protocols, peer-to-peer services, remote procedure calling (RPC), the provision of secure Internet services and the design and deployment of XML applications.

### **ITEC832 Application Integration**

4 pg cp

This unit covers a range of topics in business process management, including workflow and integration of distributed systems. With reference to a current case study, we map the information flows in a B2B integration scenario and assess the available technologies. In doing so, we analyse factors such as cost, performance, security and scalability, recommend a design and construct a prototype.

### **ITEC833 Web Server Technologies and Web Services**

4 pg cp

This unit covers the standards and technologies that drive modern web servers in providing B2C and B2B services.

Topics include the design of and migration to SOAP based services, webserver toolkits, Java server technologies, J2EE, message oriented middleware and server side XML integration.

### **ITEC841 Project and Risk Management**

4 pg cp

Topics include project definition, scheduling and milestones, organisation of development and quality assurance teams, resource allocation, cost estimation, cost/benefit analysis, risk analysis and management, factors that affect costs, version and change control, quality and process improvement methods, the use of quantitative methods, distributed and concurrent engineering, and the management of composite hardware/software systems development.

### **ITEC842 Enterprise Management**

4 pg cp

Topics include competitive positioning, business information and technology, deployment of client-server computing, integrating mainframe and personal applications with a client server network, deployment of client-server computing on an enterprise-wide level, telecommunications, local/global issues, system security, legal issues, general and personnel management issues, R&D management, innovation and technology transfer, marketing and presentation (written and oral) skills.

### **ITEC843 Research and Development Practice and Management**

4 pg cp

Topics include the role of models in science and engineering, model representations, model based reasoning, computer aided modelling tools (CAD, CAE & CASE), system design, the importance of models in product development, science vs engineering, scientific method, measurement theory, experimental design, data collection and analysis, recent advances in mathematics and statistics, design, and statistical quality, control, innovation, technology transfer and strategic alignment.

### **ITEC850 Network Management**

4 pg cp

This unit covers architecture, analysis, design, standards and migration issues related to the operation, management and control of distributed systems and communication networks for voice, data, image, and networked computing. Initially the focus is on the fundamental building blocks of network management architecture. These basics are built upon by discussing advanced topics including Broadband and Web-based network management, telecommunications management, security management, management platforms and applications/research issues such as delegated agents and management of mobile or ad hoc networks.

### **ITEC851 Networking Technologies**

4 pg cp

This unit covers predominately the technologies needed at layers 1–3 of the OSI reference model to provide these communications services, typically supporting but not limited to the Internet Protocol. At the physical level the unit examines wired, optical and wireless media, considering their requirements, characteristics, standards and implementation issues.

### **ITEC852 System and Network Security**

4 pg cp

As organisations and users increasingly rely upon networked applications for assessing information and making critical business decisions, securing distributed applications is becoming extremely significant. The unit is concerned with the protection of information in computing systems and networks. It will address concepts and techniques for securing distributed applications.

### **ITEC853 Advanced Network Concepts**

4 pg cp

This unit covers a range of advanced topics in the design and implementation of computer networks. It will provide in-depth coverage of state-of-the-art fields of networking such as MPLS and Traffic Engineering, Quality of Service architectures, IP Multicast Routing, Address Allocation, Mobile IP, Wireless TCP solutions, and Mobile Ad Hoc networks.

### **ITEC870 Databases Applications Development**

4 pg cp

Major objectives of this unit are a sound understanding of information systems analysis and database design; the knowledge, skill and ability to develop a small database application system from functional requirements to an installed system; a general understanding of the application of information systems to business.

### **ITEC871 Information Systems Design and Management**

4 pg cp

This unit focuses on enterprise management information systems and the technologies used in their design, implementation and maintenance. The alignment of information systems with business strategy, socio-technical aspects of system development and e-commerce systems are all explored. A case study analysing business processes for an enterprise systems project is conducted.

## **Industrial Project Units**

### **General Description**

The Industrial Project is a major core component of the MTech degree and one of its distinguishing features. The Industrial Project is jointly supervised by an Industry Supervisor, nominated by the candidate's employer for approval by the MTech Committee, and an Academic Supervisor appointed by the University. The work to be

completed as the Industrial Project is to be approved by the MTech Committee acting on the advice of the Academic Supervisor and the Industry Supervisor.

For administration purposes, the Industrial Project is formally listed as two units, TECH890 and TECH891, each of equal weight (8 pg credit points for each). TECH890 is formally a prerequisite for TECH891. The work in the two units may be continuous or entirely separate depending on the nature of what has been approved. Arranging the project work within these two subject classifications will be a matter for discussion between the Industry Supervisor, the Academic Supervisor and the candidate.

The units can only be attempted once credit has been gained for at least two units of the postgraduate coursework prescribed for the MTech degree. Each unit is assessed on the basis of a written report, presented in the style of a technical report by a professional to the management of an organisation.

### **TECH890 Industrial Project—Part 1**

8 pg cp

This unit consists entirely of project work of which a substantial part is undertaken at the place of employment of the candidate. Candidates are encouraged to nominate their own project.

### **TECH891 Industrial Project—Part 2**

8 pg cp

This unit consists entirely of project work, which is undertaken at the place of employment of the candidate and may be a continuation of the project undertaken for TECH890. An outline of the work to be completed has to be submitted for approval.

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## Division of Law

### **BUSL832 Business Transactions Law**

*4 pg cp*

This unit examines the law of contracts and statutory additions to it, injecting standards of fair dealing into contractual transactions. Accordingly, the consumer provisions of the Trade Practices Act and the Fair Trading Act, will be examined. Assessment consists of essays or assignments.

### **BUSL833 Business Property Law**

*4 pg cp*

This unit examines aspects of property law relevant to managers, including land law and intellectual property. Assessment consists of essays or assignments.

### **BUSL834 Law of Business Enterprises**

*4 pg cp*

In this unit the law governing business enterprises is examined from the manager's perspective, including company law, insolvency and restrictive trade practices. Assessment consists of essays or assignments.

### **BUSL836 Revenue Liability Law**

*4 pg cp*

This unit examines, from the manager's perspective, revenue law including income tax law. Assessment consists of essays or assignments.

### **BUSL837 Research Project on Business Law A**

*8 pg cp*

This unit involves researching and writing a dissertation of 10,000 words on an approved topic in business law, or dealing with an approved topic exploring linkages between business law and ethics.

### **BUSL838 Research Project on Business Law B**

*8 pg cp*

This unit involves researching and writing a dissertation of 10,000 words on an approved topic in business law, or dealing with an approved topic exploring linkages between business law and ethics. The unit must focus on an area of law which is distinctly different from that reviewed in BUSL837.

### **BUSL851 International Commercial Law**

*4 pg cp*

Topics in international trade law are examined, including WTO/GATT, the Vienna Convention on the international sale of goods, letters of credit, the Unidroit principles, carriage of goods by land/sea/air and international commercial arbitration. (Topics to be covered may vary from year to year.)

### **BUSL852 Trade Practices Law**

*4 pg cp*

This unit examines the Trade Practices Act (consumer law, restrictive trade practices, unconscionability provisions, etc) and related areas of law.

### **LAW804 Heritage Law and Policy**

*6 pg cp*

The unit is primarily concerned with items of cultural heritage, particularly built items. It looks at the way the legal system responds to disputes about heritage including how legal responses are fashioned not just by law, but by the interaction of other complex variables eg what constitutes heritage in a multicultural society; the Federal, State and local tiers of government and the influence on the legal system of international practice and expectations.

### **LAW806 International Environmental Law**

*6 pg cp*

An examination will be made of the sources and obligations of international law in relation to the environment and their connection with municipal laws, related inter-governmental organisations and non-government organisations. The unit concentrates on the major international environmental debates being addressed at the present time, including such issues as the greenhouse effect, ozone depletion, biodiversity, ocean pollution and sustainable development.

### **LAW807 Local Government Law**

*6 pg cp*

The unit focuses on the role of local councils in regulating land use control. Fundamental issues relating to the functioning, accountability, and supervision of local councils are considered as a preliminary to a detailed examination of the regulatory powers and functions of councils in the context of land use control. In addition to examining planning and land use controls, the unit looks at the regulatory powers conferred by local government legislation.

### **LAW808 Environmental Litigation and Mediation**

*6 pg cp*

This unit examines adversarial and consensual modes of dispute processing in environmental contexts. The administrative and judicial characteristics of the NSW Land and Environment Court provide a focus for analysis of the laws of evidence and procedure. Mediation is studied as a phenomenon and as a process.

### **LAW809/LAW846/LAW847 Legal Research Dissertation**

*14 pg cp*

Topics for the dissertation may be drawn from any area relevant to the course of study for which the candidate has appropriate qualifications. The dissertation shall be 35,000 words in length. The dissertation will be subject to regular supervision by one of the staff members par-

ticipating in the LLM program. The dissertation will normally be examined within the Division of Law. An alternative mode for undertaking the dissertation over two semesters is available via enrolment in LAW846 and LAW847.

### **LAW810 Legal Research Dissertation**

*8 pg cp*

Topics for the dissertation may be drawn from any area relevant to the course of study for which the candidate has appropriate qualifications. The dissertation shall be 20,000 words in length. The dissertation will be subject to regular supervision by one of the staff members participating in the LLM program. The dissertation will normally be examined within the Division of Law. This unit may be undertaken in either first or second semester.

### **LAW811 Environmental Law and Ethics**

*6 pg cp*

An introduction to environmental ethics, policy and the legal system with a focus on the relationship between the human and the nonhuman environment. Specific topics include planning and development control, environmental impact assessment, environmental crime, pollution control, citizen participation and federal environmental powers.

### **LAW814 Environmental Law and Corporate Regulation**

*6 pg cp*

This unit provides a framework to demonstrate the application of environmental laws in environmental risk assessment, reporting audits, “due diligence” (which may constitute a full environmental management system—EMS) and in the management of other environmental responsibilities and potential liabilities under Australian environmental and corporate laws. In particular, environmental law strategies, negotiating and drafting approaches will be considered in the context of corporate governance, loans, take-overs, mergers, sale and purchase of assets, leases, management contracts, insolvencies and contractual relationships between employers and employees.

### **LAW815 Planning Law**

*6 pg cp*

This unit undertakes an in-depth examination of contemporary issues in planning law, with particular emphasis on the regulation of land use under the NSW Environmental Planning & Assessment Act 1979. The aim of the unit is to provide an understanding of the workings of land use regulation in New South Wales and the underlying environmental, social and economic objectives of the key legislation. A critical analysis is undertaken of the effectiveness of the current regulatory regime including reform proposals and options. Discussion and analysis of relevant case law with practical examples of planning issues are included.

### **LAW816 Trade and Environment Law**

*6 pg cp*

This unit examines the impact of environmental law on the regulation of international trade and the attempts to incorporate environmental considerations into global and regional trade regimes. The use of market-based, and other financial mechanisms, will also be explored utilising case studies such as the Kyoto Protocol.

### **LAW817 Comparative Environmental Law**

*6 pg cp*

This unit examines the field of public international law for environmental protection and conservation strategies and how it affects, and is shaped by, domestic environmental law in civil law, common law and other forms of legal systems. The comparative development of environmental law in the Pacific Region will be a particular focus.

### **LAW818 Biodiversity Law**

*6 pg cp*

This unit evaluates current regimes designed to protect biodiversity. Starting with the Convention on Biological Diversity and the Global Biodiversity Strategy, the unit will evaluate the actions taken both internationally and nationally to save and sustainably use the world’s biological diversity. Specific topics covered include legal mechanisms to protect biodiversity, genetically modified organisms, access to genetic resources and intellectual property rights in biodiversity.

### **LAW819 Comparative Indigenous Environmental Law and Management**

*6 pg cp*

This unit considers the international and national recognition of indigenous people’s environmental and natural resource rights. The focus is on the implementation of these rights through negotiated legal frameworks such as joint management (co-management) primarily for conservation and for sustainable use of wildlife and fisheries, access to genetic resources and benefit-sharing, Australian Indigenous Land Use Agreements and modern treaties recognising the integrated rights of indigenous peoples such as the Regional Agreements under the Canadian comprehensive land claims processes.

### **LAW826 Marine Environmental Law and Policy**

*6 pg cp*

This unit evaluates the efforts of the global community to protect and preserve the coastal and marine environment and to prevent, reduce and control pollution of the marine environment. The unit will undertake an examination of international conventions, legislation and other management tools used to achieve these objectives.

**LAW828 Law, Globalisation and Cultural Transformations**

6 pg cp

This seminar examines the economic, social, cultural, religious and political consequences of globalisation to indigenous cultures and the law. The unit focuses on humanity and inhumanity, the role of the judiciary and the law, the logic of global capitalism, consequences of technologies, land use and the environment.

**LAW845 Pollution and Environmental Regulation**

6 pg cp

The unit evaluates the efficacy of contemporary pollution control policies through an examination of international, Commonwealth, State and local government initiatives. It focuses on New South Wales and includes an examination of environmental protection legislation, criminal liability and enforcement will be considered. Specific topics include: corporate liability, contaminated land and due diligence.

**LAW850 Environmental Law and Corporate Regulation**

4 pg cp

This unit provides a framework to demonstrate the application of environmental laws in environmental risk assessment, reporting audits, “due diligence” (which may constitute a full environmental management system—EMS) and in the management of other environmental responsibilities and potential liabilities under Australian environmental and corporate laws. In particular, environmental law strategies, negotiating and drafting approaches will be considered in the context of corporate governance, loans, take-overs, mergers, sale and purchase of assets, leases, management contracts, insolvencies and contractual relationships between employers and employees.

**LAW851 Planning Law**

4 pg cp

This unit undertakes an in-depth examination of contemporary issues in planning law, with particular emphasis on the regulation of land use under the NSW Environmental Planning & Assessment Act 1979. The aim of the unit is to provide an understanding of the workings of land use regulation in New South Wales and the underlying environmental, social and economic objectives of the key legislation. A critical analysis is undertaken of the effectiveness of the current regulatory regime including reform proposals and options. Discussion and analysis of relevant case law with practical examples of planning issues are included.

**LAW852 Trade and Environment Law**

4 pg cp

This unit examines the impact of environmental law on the regulation of international trade and the attempts to incorporate environmental considerations into global and regional trade regimes. The use of market-based, and

other financial mechanisms, will also be explored utilising case studies such as the Kyoto Protocol.

**LAW853 Comparative Environmental Law**

4 pg cp

This unit examines the field of public international law for environmental protection and conservation strategies and how it affects, and is shaped by, domestic environmental law in civil law, common law and other forms of legal systems. The comparative development of environmental law in the Pacific Region will be a particular focus.

**LAW855 Environmental Law and Ethics**

4 pg cp

An introduction to environmental ethics, policy and the legal system with a focus on the relationship between the human and the nonhuman environment. Specific topics include: planning and development control, environmental impact assessment, environmental crime, pollution control, citizen participation and federal environmental powers.

**LAW856 Environmental Economics**

4 pg cp

The unit examines the role of the natural environment as an integral component of the economic system. Topics include tradeoffs between environmental quality and economic growth, market failure due to environmental quality, the valuation of environmental goods and services and the formulation of environmental policies. The introduction of economic instruments as an alternative to legal enforcement mechanisms make this unit particularly important for local government practitioners.

**LAW857 Environmental Litigation and Mediation**

4 pg cp

This unit examines adversarial and consensual modes of dispute processing in environmental contexts. The administrative and judicial characteristics of the NSW Land and Environment Court provide a focus for analysis of the laws of evidence and procedure. Mediation is studied as a phenomenon and as a process.

**LAW858 Pollution and Environmental Regulation**

4 pg cp

The unit evaluates the efficacy of contemporary pollution control policies through an examination of international, Commonwealth, State and local government initiatives. It focuses on New South Wales and includes an examination of environmental protection legislation, criminal liability and enforcement will be considered. Specific topics include: corporate liability, contaminated land and due diligence.

**LAW859 Heritage Law and Policy**

4 pg cp

The unit is primarily concerned with items of cultural heritage, particularly built items. It looks at the way the legal system responds to disputes about heritage including how legal responses are fashioned not just by law, but by the interaction of other complex variables eg what constitutes heritage in a multicultural society; the Federal, State and local tiers of government and the influence on the legal system of international practice and expectations.

**LAW860 International Environmental Law**

4 pg cp

An examination of the sources and obligations of international law in relation to the environment and their connection with municipal laws, related inter-governmental organisations and non-government organisations. Concentrates on the major international environmental debates being addressed at the present time, including such issues as the greenhouse effect, ozone depletion, biodiversity, ocean pollution and sustainable development.

**LAW861 Local Government Law**

4 pg cp

The unit focuses on the role of local councils in regulating land use control. Fundamental issues relating to the functioning, accountability, and supervision of local councils are considered as a preliminary to a detailed examination of the regulatory powers and functions of councils in the context of land use control. In addition to examining planning and land use controls, the unit looks at the regulatory powers conferred by local government legislation.

**LAW862/LAW863/LAW864 Legal Research Dissertation**

8 pg cp

Topics for the dissertation may be drawn from any area relevant to the course of study for which the candidate has appropriate qualifications. The dissertation shall be 20,000 words in length. The dissertation will be subject to regular supervision by one of the staff members participating in the Masters program. The dissertation will normally be examined within the Division of Law. An alternative mode for undertaking the dissertation over two semesters is available: LAW863 and LAW864.

**LAW865 Biodiversity Law**

4 pg cp

This unit evaluates current regimes designed to protect biodiversity. Starting with the Convention on Biological Diversity and the Global Biodiversity Strategy, the unit will evaluate the actions taken both internationally and nationally to save and sustainably use the world's biological diversity. Specific topics covered include legal mechanisms to protect biodiversity, genetically modified organisms, access to genetic resources and intellectual property rights in biodiversity.

**LAW866 Comparative Indigenous Environmental Law and Management**

4 pg cp

This unit considers the international and national recognition of indigenous people's environmental and natural resource rights. The focus is on the implementation of these rights through negotiated legal frameworks such as joint management (co-management) primarily for conservation and for sustainable use of wildlife and fisheries, access to genetic resources and benefit-sharing, Australian Indigenous Land Use Agreements and modern treaties recognising the integrated rights of indigenous peoples such as the Regional Agreements under the Canadian comprehensive land claims processes.

**LAW867 Marine Environmental Law and Policy**

4 pg cp

This unit evaluates the efforts of the global community to protect and preserve the coastal and marine environment and to prevent, reduce and control pollution of the marine environment. The unit will undertake an examination of international conventions, legislation and other management tools used to achieve these objectives.

**LAW868 e-Commerce and IT Law**

4 pg cp

This unit deals with a wide range of legal electronic commerce issues, focusing on Australian and international approaches to regulating cyberspace and the internet. Topics to be studied include: electronic data interchange, jurisdictional analysis of business transactions, banking and finance regulations and codes of practice, digital cash, Smart cards, electronic sale of goods (including the impact of the Vienna and other conventions), the Electronic Transactions Act 1999 (Cth), UNCITRAL Model Law on Electronic Commerce, digital letters of credit, bills of exchange and other negotiable instruments, security of electronic transactions, encryption, computer and electronic fraud and crime and on-line consumer protection.

**LAW869 Law, Globalisation and Cultural Transformations**

4 pg cp

This seminar examines the economic, social, cultural, religious and political consequences of globalisation to indigenous cultures and the law. The unit focuses on humanity and inhumanity, the role of the judiciary and the law, the logic of global capitalism, consequences of technologies, land use and the environment.

**LAW870 Corporate Finance and Securities Regulation**

4 pg cp

This unit provides an introduction to the topic of regulation in the area of financial services and the question of corporate finance. Corporate finance deals with the structure of the Australian Financial Market and the way companies raise capital from public or private sources



through the creation of financial products. The course also deals with securities regulation and the rules under which financial products may be sold.

**LAW871 Taxation Law**

*4 pg cp*

This unit examines the legal and constitutional basis of taxation in Australia with consideration of the legal concepts of income and capital and the fiscal treatment of individual, corporate, and other taxpaying entities. A review is made of the general and specific provisions of the Income Tax Assessment Act and allied Acts, together with a brief comparative look at taxes in other fields. The emphasis is on legal aspects of taxation as illustrated by case law.

**LAW878 Environmental Law and Policy Clinic**

*6 pg cp*

This unit will provide students with the techniques and procedures used to resolve environmental law and policy issues. It provides for clinical placement opportunities that expose students to real people, real situations, real legal problems and policy initiatives. This unit enables students to give practical effect to skills learnt in other Law units.

**LAW879 Environmental Law and Policy Clinic**

*4 pg cp*

This unit will provide students with the techniques and procedures used to resolve environmental law and policy issues. It provides for clinical placement opportunities that expose students to real people, real situations, real legal problems and policy initiatives. This unit enables students to give practical effect to skills learnt in other Law units.

**POL837 East Asia and the International Political Economy**

*4 pg cp*

This unit employs a political-economic understanding to illuminate processes of change and development in the East Asian region. The primary theme is the establishment there of a “western” political-economic order.

**POL840 The International System**

*4 pg cp*

An overview of global politics focusing on an analysis of the nature, measurement and exercise of power in international relations; the study of the clash of interests and the nature of conflict and war between the major players; and, a consideration of the moral and institutional constraints developed by the global community on the exercise of power.

**POL841 Theory of International Relations**

*4 pg cp*

A survey of the main theoretical approaches to conceptualise and explain how international relations operates,

including world society, world authority, power politics and Marxist approaches, the sub-streams of strategic studies, behaviourism, peace and conflict studies, plus the third world, feminist and post-modernist critiques.

**POL842 Politics of International Law**

*4 pg cp*

A study of the nature of international law in relation to the operation of municipal or domestic law. It looks at the sources of international law and certain key topics including statehood and recognition, the use of force, succession and jurisdiction. The emphasis is on the interaction between law and politics and such questions as to the effectiveness/ ineffectiveness of international law, especially in the case of treaties.

**POL845 International Institutions**

*4 pg cp*

A study of the role of international institutions, such as the UN Security Council and World Health Organisation, IMP and the World Bank, in the context of world order and the management and regulation of relations between states and other global actors. Particular attention is given to the UN system, to peacekeeping and global economic management.

**POL849**

**International Political Economy**

*4 pg cp*

The ascendancy of international political economy (IPE) within the disciplinary umbrella of international relations (IR) has reflected both global processes and a belief that to understand international order more fully, one would do well to integrate an understanding of economic power wielded by both state and non-state actors. This is an advanced IPE unit examining power, change and inequality in the global political economy. In addition to the perennial debates, current issues in the political economy of international relations are also addressed. This offers an opportunity to review both the major interpretive traditions in IR as well as more recent theoretical developments.

# Division of Linguistics and Psychology

## LINGUISTICS

\*\*\* Taught externally

### **BUS854 Managing Cultural Diversity in Business**

4 pg cp

This unit discusses the implications for organisational leaders in view of increasing cultural differences between individuals and groups within and between organisations. In particular the unit examines practical problems and opportunities in managing human diversity in contemporary cross-cultural and international settings.

### **CAUD801 Clinical Skills**

4 pg cp

This unit explores the skills necessary to conduct a basic audiological assessment such as case history taking, explaining results to the client, conduct in a clinical setting and ethical issues. The unit will prepare students for their first clinical experiences.

### **CAUD802 Assessment Strategies I**

4 pg cp

This unit will provide students with basic audiometric skills as first practised in the clinic. Students will become proficient at conducting pure tone audiometry as appropriate in the assessment of adults and children, basic speech discrimination assessments and acoustic impedance testing.

### **CAUD803 Theoretical Bases of Audiology**

4 pg cp

This unit will review the theoretical concepts of audiology including acoustics, psychoacoustics and the perception of sound, and auditory physiology. This unit provides the theoretical base for Assessment Strategies I and for later units.

### **CAUD804 Clinical Practicum I**

4 pg cp

Students will begin working towards their 200 hours of “hands on” clinical experience as required by the professional society. Experience will be mainly directed towards basic assessment strategies and students will be assessed against competencies as could rightly be expected in proportion to the number of hours “hands on”.

### **CAUD805 Hearing Aids**

4 pg cp

This unit will prepare students for hearing aid fitting. The various types of hearing aids available will be reviewed along with issues such as gain, frequency response and dynamic range. In addition, fitting issues and procedures,

aid selection and evaluation including the use of questionnaires, will be discussed.

### **AUD806 Objective Assessment Strategies**

4 pg cp

This unit will explore the various objective test strategies available to the audiologist covering both theoretical concepts and practical applications. Strategies of auditory evoked potentials, otoacoustic emissions and vestibular assessment techniques will be reviewed.

### **CAUD807 Paediatrics**

4 pg cp

This unit will explore child development, language acquisition, test strategies appropriate to infants and preschool children, and to the multiple handicapped. The use of speech based tests in the paediatric population will also be examined.

### **CAUD808 Clinical Practicum II**

4 pg cp

Students will be working towards the professional society’s requirement of 200 hours of “hands on” clinical work in a variety of settings as organised by the University. Students will be assessed against competencies as could be expected for the number of hours obtained and by a viva voce examination conducted by a panel made up of University staff and an external examiner.

### **CAUD809 Auditory and Language Pathology**

4 pg cp

This unit will review diagnostic strategies and medical treatment options for adult and paediatric auditory pathologies. Various relevant speech pathologies will be discussed along with treatment options. Students will have opportunities to observe surgery and ENT outpatient clinics at local hospitals.

### **CAUD810 The Hearing Impaired and the Family**

4 pg cp

This optional unit will explore the role of audiologists in counselling parents of hearing impaired children and adults with acquired hearing loss. Students will have an opportunity to develop these skills. Issues such as how hearing impairment can impact on the lives of family members will also be discussed.

### **CAUD811 Audiology Project**

8 pg cp

This optional unit provides students with an opportunity to undertake a small piece of supervised original research using skills obtained within the Research Design and Methodology unit.

### **CAUD812 Research Design Skills**

4 pg cp

This unit will review current practice in research design enabling students to discover how to perform literature searches, develop a research topic and appropriate methodologies, analyse results and report them.

### **CAUD813 Clinical Practicum III**

4 pg cp

Students will be finishing the required 200 hours of “hands on” supervised clinical work and commencing the 150 hours of clinical experience. This second stage will enable students to consolidate their accumulated experiences in university and associated clinics with less intensive supervision. Students will be expected to be more self sufficient in the clinical decision making process.

### **CAUD814 Rehabilitation of the Hearing Impaired**

4 pg cp

This unit will explore the non medical treatment and management options available to audiologists. The educational options for hearing impaired children will be reviewed along with areas of tinnitus management, communication training and cochlear implants. The role of voluntary organisations will also be discussed. The unit will include site visits to relevant agencies and schools for the hearing impaired.

### **CAUD816 Assessment Strategies II**

4 pg cp

This unit will explore assessment strategies appropriate to the investigation of central auditory dysfunction. The classical tests for site of lesion in the clinic will be discussed along with issues pertaining to noise and hearing conservation in industry.

### **CAUD817 Clinical Practicum IV**

4 pg cp

This unit represents the final stage of clinical experience for the student in which the requisite clinical experience hours will be gained in a variety of settings. Students will be expected to demonstrate their accumulated knowledge in a viva voce examination at the end of the year.

### **CAUD818 Advanced Hearing Aids**

4 pg cp

This unit will discuss advanced concepts in the prescription and fitting of hearing aids. Issues such as digital technology, non linear hearing aids and outcome assessment will be reviewed using both lectures and problem based learning formats.

### **EDUC6057 Social, Language and Cultural Studies in Deafness**

(Renwick Institute)

*Credit points: 10 RI cps = 4 Macquarie University pg cp*

This unit introduces the socio-cultural perspective on deafness through lectures, discussions and audio-visual media. Characteristics of the culture of deaf people (including history, literature, theatre and art) are considered as is the development of social structures and community resources. Topics include the role and significance of Auslan, community empowerment, bilingualism, the role of technology in the lives of deaf people, and the socio-emotional issues confronting families with a deaf child. Field experience will encourage interaction with members of the deaf community.

### **EDUC6065 Advanced Auslan Skills for Educators**

(Renwick Institute)

*Credit points: 10 RI cps = 4 Macquarie University pg cp*

In this subject candidates will develop a high level of Auslan for use in educational and interpreting environments. Advanced Auslan Skills is a course in Auslan text studies in which the lexical, grammatical and discourse features of these texts are analysed and the appropriate English equivalents explored. The course will draw on discourse analysis in spoken languages and other signed languages, and apply them to the description and translation of selected Auslan texts into English (spoken and written). The texts used will cover a variety of discourse forms presented originally in Auslan.

### **EDUC6120 The Linguistics of Auslan**

(Renwick Institute)

*Credit points: 10 RI cps = 4 Macquarie University pg cp*

This unit will cover a number of different topics in regard to sign language grammar: sign language phonology (the structure of signs), sign morphology, sign syntax and sign semantics. The course introduces candidates to the techniques and literature relevant to the psychological study of signers and sign language development (psycholinguistics), sign language variation (sociolinguistics) and change (historical linguistics).

### **LING816 Special Project Communication Disorders**

6 pg cp

An original research project, of not more than 20,000 words, to be submitted no later than February, following the year of entry to the course. Supervision of projects will be arranged with appropriate specialists in the subject area.

**LING846\*\*\* Developmental Language Disorders**

4 pg cp

This unit covers both spoken and written language disorders, and the relationship between the two. The perspective is psycholinguistic, and emphasis is placed on the discussion of underlying cognitive deficits, and the effect of communication disorder on general development.

**LING847\*\*\* Psycholinguistics and Aphasia**

4 pg cp

A psycholinguistic perspective will be adopted to investigate language difficulties observed in aphasia. One first identifies the specific locus of the processing impairment(s) for individual aphasic patients, and secondly, considers the implications of such breakdown(s) for models of “typical” language use. Issues of theoretical and practical significance for researchers will be considered.

**LING848\*\*\* Linguistic Description of Disordered Language**

4 pg cp

This unit explores the linguistic analysis and description of different types of disordered language from phonetic, phonological, syntactic, semantic and pragmatic theoretical perspectives. Practical exercises are included using samples of disordered speech and computerised procedures.

**LING873 Design and Production of Books**

3 pg cp

This unit aims to acquaint book editors with the whole process of book production: to broaden their knowledge of typography and printing processes, as well as the pre-production design work, and the business of printing and binding. Page layouts (by both manual and electronic methods) and the use of illustrations, tables, maps and photos will also be examined.

**LING874 Publishing and Management**

3 pg cp

The unit provides an overview of the economics of publishing in Australia. It also deals with a variety of management issues, such as commissioning and contracts with authors (including ethical and legal issues), the planning of production schedules, liaison with suppliers, and the problems of marketing and distribution.

**LING875 Practicum**

2 pg cp

This unit involves a 26-hour (approximately one week) placement at a publishing operation, to observe and participate in the processes of book production. Through the collaboration of sponsor organisations, a variety of placements in industry and government publications units is available, to complement the students’ experience of their customary place of employment. Some interstate placements are available.

**LING876 Option I**

2 pg cp

Students take either of the following:

- i) scientific and technical editing
- ii) literary editing.

**LING877 Option II**

2 pg cp

Students take either of the following

- i) marketing
- ii) desktop publishing.

**LING891\*\*\* Seminars in Research in Human Communication Disorders**

2 pg cp

These seminars are designed to support students’ original research project topic (LING816 or LING931/LING932 Special Project). Seminars critically examine selected published studies in communication disorders to generate discussion on research methodology. Students will be asked to present papers concerned with specific aspects of their research project at intervals throughout the year.

**LING900\*\*\* Grammar, Meaning and Discourse**

4 pg cp

This unit focuses on the analysis of natural discourse; language as a system for meaning and wording; the relationship between language and its social context; and the constitution of different discourse types. The emphasis is on practical analytical skills, focusing on language data from participants’ work and social contexts, integrating the study of lexis, grammar, discourse and pragmatics in a coherent theory of language in use.

**LING901\*\*\* Phonetics and Phonology**

4 pg cp

This unit focuses on basic articulatory phonetics and the structure of spoken English. The unit aims to provide training in phonetic and phonological principles, and to enable students to carry out phonemic and phonetic transcriptions of English. It also provides students with basic ear training of the sounds of the world’s languages.

**LING902\*\*\* Language and Cognition**

4 pg cp

Language and Cognition is an interdisciplinary unit incorporating aspects from linguistics (theories of language structure) and psychology (the representation of knowledge in the brain and the nature of the processes that are involved in acquiring and using that knowledge). Various theoretical frameworks and a range of empirical evidence will be examined.

**LING903\*\*\* Languages and Cultures in Contact**

4 pg cp

This unit aims to provide students with the opportunity to develop a reasoned understanding of the impact of cultural patterns (beliefs and values) on an individual’s ver-

bal and non-verbal behaviours. The course focuses equally on issues related to cross-cultural communication studies and to intercultural communication studies, and theory will be balanced with practical experiences.

### **LING904\*\*\* Pragmatics**

4 pg cp

An introduction to linguistic pragmatics. Content includes speech act theory; conversational maxims, relevance implicature; communicative events and activity types; cognitive theory, scripts, schemata, frames; presupposition and mutual knowledge; conversational structure, clarification, repair and alignment; critical discourse analysis.

### **LING905\*\*\* Research Methods in Language Study**

4 pg cp

This unit focuses on general research principles, questions of validity and reliability; research styles, experimental and interpretive; the research process, defining research questions, data gathering, choice of subjects, control of variables, instrumentation, presentation, analysis and interpretation of data; disseminating research, organising reports, presenting results, effects on practice.

### **LING906\*\*\* Language Testing and Evaluation**

4 pg cp

The course aims to introduce participants to key concepts and issues in language testing and assessment and to provide them with principles and techniques for designing and evaluating language tests and assessment tools.

### **LING907\*\*\* Stylistics and the Teaching of Literature**

4 pg cp

Prerequisite: LING900

This unit considers the use of linguistics in the study of style; the meaning of literary texts and their value in particular communities; the status of texts as literary artefacts; stylistics and the teaching of first and second language literatures; language, literature and sociocultural background; genre and linguistic description; methods of teaching the language of literature; verbal art and cross-disciplinary issues.

### **LING908\*\*\* Language Planning and Language Policy**

4 pg cp

This unit examines language choice and language standardisation, political, social and economic contexts of language policy and planning. Effects of language planning decisions on language attitude, intergroup relations and cross-cultural communication with particular reference to Australia and the region will also be considered.

### **LING912\*\*\* Second Language Acquisition**

4 pg cp

The unit aims to explore a variety of approaches to second language acquisition in tutored and untutored environments and to examine the relevance of SLA research to a variety of educational contexts.

### **LING913\*\*\* Literacy**

4 pg cp

This unit considers the meanings of literacy, numeracy; functional literacy and levels of language; ethnography of literacy; oral and written discourse; genres of writing; literacy and society, cultural change, social control, and child/adult education, principles and modes of literary instruction; standards, practices and materials, literacy and technology.

### **LING914 Lexicography**

4 pg cp

This unit is an introduction to the art and craft of dictionary writing. Seminars include practical involvement in ongoing projects.

### **LING918\*\*\* Concepts in Managing Language Programs**

4 pg cp

This unit considers contexts of ELT operations and management; human resource management; professional development and staff appraisal; managing nonhuman resources, curricula, innovation and change; project management; financial management; marketing; organisational communication.

### **LING920\*\*\* First Language Acquisition**

4 pg cp

This unit provides an introduction to issues in first language acquisition. Content covered in the unit includes different views/theories of language acquisition; techniques for data collection/analysis; developmental stages; neuro-linguistics; cognitive and perceptual bases of early language; social and communicative bases of language; second language acquisition.

### **LING925\*\*\* Language for Specific Purposes**

4 pg cp

This unit is designed for students who are interested in teaching LSP. The focus is on analysis of text and context of particular disciplines or vocational areas, and on developing appropriate curricula, materials and assessment for teaching LSP.

### **LING927\*\*\* Reading Development and Disorders**

4 pg cp

This unit provides an introduction to theoretical perspectives and empirical data in the area of normal reading acquisition before moving on to consider developmental disorders of reading in greater detail.

**LING928 Bilingualism**

4 pg cp

The unit discusses bilingualism from a cognitive point of view. Topics addressed include childhood bilingualism and its relationship to cognitive development, bilingual education, language attrition, bilingualism in the ageing population, and in special circumstances (deafness and language disorders).

**LING931/932 Special Project  
Communication Disorders Part A and  
Part B**

3 pg cp each

As an alternative to enrolling in LING816 students have the option of completing the Special Project over two half years via enrolment in LING931 Special Project Part A and LING932 Special Project Part B (total 6 pg cp)

**LING934/935\*\*\* Dissertation Part A and B**

4 pg cp each (over two half years)

Candidates also have the option of completing the Dissertation over two half years via enrolment in LING934 Dissertation Part A and LING935 Dissertation Part B (total 8 pg cp)

**LING936\*\*\* Context, Use and Analysis of  
the English Language: a Global  
Perspective**

4 pg cp

This unit provides a broad exploration of the different situations of language use and language learning, including the international spread of English in changing contexts. Also considers the nature, form and function of English and the analytical tools needed for language teachers.

**LING937\*\*\* TESOL in Context**

4 pg cp

This unit is concerned with the processes of learning another language, and how interactions between teachers and learners affect the nature and quality of that learning. The unit explores the needs, motivations, social identities and learning strategies of learners.

**LING938\*\*\* Curriculum Innovation in  
Language Teaching**

4 pg cp

This unit covers directions in curriculum change, political and institutional constraints in curriculum development, planning and implementing change, and evaluating the processes and products of change.

**LING939 Special Study in Applied  
Linguistics**

4 pg cp

This unit is designed to allow students to undertake focused study of a topic of particular interest through readings, seminars and tutorials. Permission of convenor required.

**LING946\*\*\* Leading and Managing  
Language Programs**

4 pg cp

This unit discusses leadership, management and communication in language teaching organisations: structure, quality assurance (including performance management), intercultural communication, conflict management, team building, managing and conducting meetings.

**LING947\*\*\* Discourse in Professional and  
Organisational Contexts**

4 pg cp

Key concepts, issues and practices in the professional and organisational communication, drawing on studies in linguistics, discourse analysis, social theory, and the sociology of work and organisations. Practical analysis, connecting the study of workplace texts, workplace discourses, and workplace practices in different contexts and sites, explores how language use and social organisation structures are closely interdependent.

**LING948\*\*\* Evaluating Communication  
Systems, Processes and Products**

4 pg cp

Introduction to principles and methodologies for evaluating the effectiveness of communication systems in a range of workplaces, how these systems give rise to particular processes of information construction, exchange and interpretation, and how a multi-modal and multi-perspectived analysis of communication events, participant behaviours, and their associated texts can be revelatory of these systems and processes.

**LING951\*\*\* Sociocultural Aspects of  
Language Learning and Teaching**

2 pg cp

This unit is concerned with intercultural considerations in the classroom; language learning and teaching in monolingual and bilingual/multilingual societies; first and second language acquisition/learning; socio-psychological factors in language learning and teaching; the adult learner and the young learner of languages; politics of language; critical literacy.

**LING953\*\*\* Practicum**

3 pg cp

This unit focuses on TESOL classroom practice; practical application of the content of the Language Teaching Methodologies unit (LING955); observation of TESOL classes; practice teaching; lesson/materials preparation, and self-evaluation.

**LING954\*\*\* Linguistics and Language  
Teaching**

3 pg cp

This unit explores the nature of language, language in context, register, text structure, sentence and text level grammar, spoken and written English, phonology, language and language learning.

**LING955\*\*\* Language Teaching Methodologies**

4 pg cp

This unit explores approaches to language teaching; lesson and program planning; developing language skills; classroom management; materials evaluation and selection; technological aids to language teaching/learning; assessment and evaluation.

**LING956\*\*\* Acquiring Professional Communicative Expertise**

4 pg cp

The nature of professional expertise, its definition and its processes of acquisition, its relationship to the charting of professional competencies and to personal communicative capacity. How social and institutional contexts inform and are informed by narratives of experience. The nature of claims and warrants for expert behaviour. Evaluation of evidence for expert exercise of judgment in different contexts.

**LING957\*\*\* Inter and Intra-cultural Communication**

4 pg cp

Principles and processes of inter-/intra cultural communication against diverse interpretations of the construct of culture. The explanatory analysis of the discourses occurring at critical moments in crucial sites of engagement in workplaces, involving participants from distinct ethno-linguistic and/or institutional/organisational cultures, and emphasising especially issues of intertextuality, stance, face, metaphor, verbal/non-verbal communication, and variation in pragmatic meaning.

**LING958\*\*\* Professional-client Communication**

4 pg cp

Participants describe, interpret and explain selected professional-client encounters in key sites, eg healthcare, law, social work, bureaucracies, firms, and public relations. The course emphasises the explanatory value and relevance of carrying out collaborative research involving discourse specialists and professionals, leading to training and other processes which will improve professional-client communication.

**LING959\*\*\* Mediated Communication**

4 pg cp

Introduction to a variety of methodologies for analysing and describing multi-modal communication in a range of organisational and professional settings, emphasising the impact of the deployment of new communication technologies on workplace communication practices, and participant skills. Particular emphasis is given to man-machine interaction, usability of web-mediated communication, visually presented information, collaborative message generation and document design.

**LING960\*\*\* Organisational Communication**

4 pg cp

Realisation of organisational structure in particular patterns of discourse and language use; the impact of organisational change on modes of communication and on worker identity, particularly in response to globalisation, demands for enhanced public participation, transparency and accountability, workplace reform; how discourses of information and policy are created, re-contextualised, transformed and re-interpreted for and by different audiences in the context of work across and within organisations.

**LING961\*\*\* Essentials of Editing**

3 pg cp

The unit introduces the domains and principles of editing, and focuses on key policy-making areas of style, inclusive language and typography; and the interaction with other parties involved in the editorial process.

**LING962\*\*\* Language and Writing Style**

3 pg cp

The unit examines the resources of the English language and how they are used by skilled writers and editors. Issues of readability, style and authorial expression will be under discussion.

**LING963\*\*\* Structural and Electronic Editing**

3 pg cp

This unit is concerned with the principles of structural editing, and their application to both printed and electronic media. Issues of access and navigation in electronic documents will be discussed, as well as onscreen editing and indexing.

**LING964\*\*\* Editorial Issues and Responsibilities**

3 pg cp

The unit addresses the executive roles of the editor in relation to a manuscript, managing reviews and the rights and permissions process, commissioning of indexes and promotional writing.

**LING965\*\*\* Dissertation I**

4 pg cp

This unit consists of guided reading and/or an experimental program preliminary to the writing of the dissertation. The project will be developed through a series of four individual consultations.

**LING966\*\*\* Dissertation II**

4 pg cp

This unit complements LING965 and consists of the writing up of the dissertation. The dissertation will be discussed and reviewed in a series of four consultations.

**MKTG813 Managerial Marketing**

4 pg cp

This unit introduces students to the principles and practices of marketing in the contemporary environment. The objective is to develop an understanding and awareness of the importance of customers and familiarity with some of marketing's tools and techniques.

**POL840 The International System**

4 pg cp

An overview of global politics focusing on an analysis of the nature, measurement and exercise of power in international relations; the study of the clash of interests and the nature of conflict and war between the major players; and a consideration of the moral and institutional constraints developed by the global community on the exercise of power.

**POL841 Theory of International Relations**

4 pg cp

A survey of the main theoretical approaches to conceptualise and explain how international relations operates including world society, world authority, power politics and Marxist approaches, the sub-streams of strategic studies, behaviourism, peace and conflict studies, plus the third world, feminist and post-modernist critiques.

**POL849 International Political Economy**

4 pg cp

The ascendancy of international political economy (IPE) within the disciplinary umbrella of international relations (IR) has reflected both global processes and a belief that to understand international order more fully, one would do well to integrate an understanding of economic power wielded by both state and non-state actors. This is an advanced IPE unit examining power, change and inequality in the global political economy. In addition to the perennial debates, current issues in the political economy of international relations are also addressed. This offers an opportunity to review both the major interpretive traditions in IR as well as more recent theoretical developments.

**PSY222 Design and Statistics II**

4 cp

This unit is an intermediate statistics course, which covers both the design and statistical components of experiments common to psychological research. Statistical methods covered include descriptive statistics, one-way and two-way analysis of variance, analysis of variance with repeated measures, correlation and regression. Practical classes are based on the use of the computer with the SPSS statistical package.

**PSYP811 Cognitive Neuropsychology**

3 pg cp

Seminar format, organised by Professor Max Coltheart, this course is concerned with designing and examining clinical research methodologies.

**PSYP824 Neuroanatomy**

2 pg cp

This unit explores the human brain, and examines the behavioural consequences of brain damage. The unit adopts the standard correlative neuroanatomy approach, discussing development of the nervous system and the anatomy of the mature nervous system (the brainstem and associated structures, diencephalon, and telencephalon; blood supply; white matter pathways; ventricles and meninges).

**SLP801\*\*\* Fundamentals of Speech Science**

4 pg cp

This unit is concerned with the acoustics of speech, speech production, the phonetic basis of classifying speech sounds and prosodic aspects of speech.

**SLP802\*\*\* Programming for Speech and Language Processing**

4 pg cp

Programming and computer skills for speech and language processing are examined, including modules in HTML, statistical computing, Perl programming and advanced topics for experienced programmers.

**SLP803\*\*\* An Introduction to Language Technology**

4 pg cp

This unit is concerned with the techniques that are required for the computer processing of natural language text; and how these are used for tasks such as database query and machine translation.

**SLP804\*\*\* Research Methods and Technology**

4 pg cp

A prerequisite to the Research Project, this unit offers advice on the selection and design of the project as well as how the results should be reported.

**SLP806\*\*\* Speech Recognition**

4 pg cp

This unit explores aspects of DSP relevant to speech processing for analysis, recognition and synthesis including spectral analysis and linear predictive coding; probabilistic models of speech and their application to speech recognition.

**SLP807\*\*\* Text-to-speech and Speech Synthesis**

4 pg cp

This unit is concerned with speech processing and natural language issues in speech synthesis. It examines various approaches to speech synthesis, speech synthesis databases, speech synthesis technology, text-to-speech design and implementation and issues relating to concept-to-speech systems.



**SLP810\*\*\* Language Analysis**

4 pg cp

This unit explores the issues involved in building significant natural-language processing applications and examines the concepts and techniques required in order to process real non-interactive natural-language text. It focuses on interactive text processing and dialogue systems.

**SLP811\*\*\* Dialogue Systems**

4 pg cp

This unit explores the issues involved in building significant natural-language processing applications that require interaction with their users. The unit focuses on two major application areas: text-based natural-language question answering systems and spoken language dialogue systems.

**SLP813\*\*\* Project in Speech and Language Processing**

4 pg cp

A major research project on a topic relating to the course material. Students will be encouraged to develop original ideas and implement working models where appropriate.

**SPH800 Speech Pathology I: Developmental and Acquired Speech and Swallowing Disorders**

4 pg cp

In this unit, disorders of articulation, phonology and swallowing that occur developmentally or through acquired disorders will be presented. The focus will be on assessment and treatment planning and implementation for speech disorders in both children and adults in relation to articulation and phonological disorders and dysphagia. Speech disorders resulting from cranio-facial abnormalities also will be included.

**SPH801 Speech Pathology IIA: Developmental and Acquired Language Disorders**

4 pg cp

In this unit disorders of language that occur developmentally or through acquired disorders will be presented. The focus will be on description, assessment, differential diagnosis and treatment of developmental language disorder and aphasia, and reading disorders.

**SPH802 Speech Pathology IIB: Developmental and Acquired Language Disorders**

4 pg cp

In this unit, pragmatic problems associated with aphasia and head injury in adult populations and developmental disorders will be presented. Students will learn to use varied functional and discourse analysis procedures, with samples from child and adult speakers, and to identify appropriate management strategies.

**SPH804 Speech Pathology IV: Disorders of Voice and Fluency.**

4 pg cp

This unit will be divided into (1) voice disorders and laryngectomy, and (2) stuttering. The voice disorder component will focus on the characteristics, epidemiology and etiology of functional and organic voice disorders and laryngeal cancer. The stuttering component will cover theories of etiology and definition/description, models of intervention and current best practice.

**SPH805 Practicum I**

4 pg cp

Students will attend clinic placements (on campus and/off campus) in which they will engage in observation of clinical work, assessment and intervention planning, implementation under supervision, and case discussion with clients, their families and relevant professionals. Placements will provide experience with paediatric and adult communication disorders, with an emphasis on the areas of articulation/phonology, language and swallowing.

**SPH806 Practicum II**

4 pg cp

Students will attend clinic placements (on campus and/off campus) in which they will engage in observation of clinical work, assessment and intervention planning, and implementation under supervision, and case discussion with clients, their families and relevant professionals.

**SPH807 Neurosciences for Speech Pathology**

4 pg cp

This unit will cover the principal neural mechanisms involved in the control and maintenance of body functions. The focus will be on basic cellular neurophysiology and functional integration of the nervous system, particularly in regard to sensory-motor integration involved in speech and language.

**SPH810 Research in Human Communication Disorders**

4 pg cp

The focus of this unit is on the knowledge and practical skills required in critiquing and conducting research. The unit will cover reviewing and critiquing research, developing a research question, identifying appropriate designs to address research aims and questions, data collection and analysis, and writing up research for publication in various formats.

**SPH811 Aural Rehabilitation**

2 pg cp

This unit studies the assessment, treatment and management of children and adults with hearing impairment. Problems associated with developmental and acquired hearing loss will be presented. Students will learn to use appropriate assessment procedures, to interpret the

results, plan appropriate intervention, and to link research to clinical practice.

### **SPH812 Assessment of Hearing**

*4 pg cp*

In this unit students will learn about different types of hearing losses and the assessment of child and adult hearing. The focus will be on understanding the use and interpretation of basic audiological procedures such as pure tone and impedance audiometry, VROA, otoacoustic emissions, tympanometry, and speech audiometry.

### **SPH813 Professional Practice I**

*2 pg cp*

This unit will provide an overview of the practice of speech pathology, the range, nature and implications of communication disorders, and will introduce students to various resources available to assist in their skill development and in the delivery of speech pathology services. Basic assessment and intervention management of clients with communication disorders, as required in concurrent clinical placements, will be discussed. In addition, students will be introduced to basic sign language skills and the use of assistive devices, including low and high technology augmentative and alternative communication.

### **SPH814 Professional Practice II**

*2 pg cp*

In this unit, assessment and diagnosis, management planning and intervention, charting client progress and report writing as required in the practice of speech pathology will be dealt with in detail. Skills in these areas will be developed through exercises relating to cases presented on video, CD Rom, or from students' own clinical placements. Models of consultation and service delivery of relevance to the Australian context will be discussed and contrasted to models used overseas. In addition, the role of health professionals in fields associated with speech pathology will be discussed within a philosophy of collaborative consultation.

### **SPH815 Professional Practice III**

*2 pg cp*

In this unit, the skills developed in SPH813 and 814 (Professional Practice I and II) will be discussed in relation to working with specialist populations, including: intellectual disability, autism, hearing impairment, developmental reading disorder, traumatic brain injury, cerebral palsy, ADD/ADDHD and clients from multicultural backgrounds. In addition, issues related to applying assessment and intervention principles in specialist settings (eg early intervention facilities, special and regular schools, rehabilitation units, ICUs) will be covered. Students will be introduced to specialist technologies, such as AAC and technical aids for the disabled.

### **SPH816 Professional Practice IV**

*2 pg cp*

The focus of this unit is on issues relating to continued professional development of students beyond graduation

and on issues impacting on the profession of speech and language pathology as a whole. Students will engage in discussion and debate relating to workplace reforms, and time and case management. The provision of community education, evaluation of professional practice and program evaluation will be explored through project work.

### **SPH817 Medical/Surgical Speech Pathology**

*4 pg cp*

The unit is designed to cover medical and surgical knowledge related to a number of clinical areas serviced by speech pathologists. One component will focus on craniofacial anomalies, including cleft lip and palate. The second component will focus on relevant clinical aspects related to cardiothoracic disorders, neurosurgery, head and neck surgery and geriatrics. Tracheostomy management will also be discussed.

### **SPH818 Clinical Linguistic Analysis**

*2 pg cp*

In this unit, students will become proficient at a number of linguistic analyses used for clinical purposes. The analyses can be applied to spontaneous language samples of disordered children and adults and cover syntactic approaches, psycholinguistically-based semantic ones and discourse frameworks.

### **SPH819 Speech Pathology III: Alternative and Augmentative Communication and Severe Communication Impairment**

*2 pg cp*

In this unit, students will be introduced to a variety of alternative and augmentative communication options available to individuals with severe communication impairment. Systems for both children and adults whose speech, gestural and handwritten communication is restricted due to either developmental or acquired etiology will be discussed.

### **TRAN812 Computing and Translation**

*4 pg cp*

The unit explores the use of computing resources for translators, including internet tools, interactive databases and multilingual text generation.

### **TRAN816 Theory and Practice of Translation and Interpreting**

*4 pg cp*

This unit comprises two hours a week lecture/workshop focusing on linguistic and cross-cultural aspects of achieving equivalence in translation and interpreting, plus four hours a week language specific lectures and translation practice involving translation from English into LOTE and from LOTE into English of selected texts illustrating equivalence problems.

**TRAN819 Introduction to Text Analysis**

4 pg cp

The unit is a presentation of tools for text analysis and practical work on English texts in a number of areas relevant to the translator's and interpreter's work. The unit is also an introduction to discourse analysis for students who have no previous background in linguistics. Two hours per week, tools for analysis and text analysis and vocabulary study.

**TRAN820 Translation Practice**

4 pg cp

The unit is a translation practicum and involves the translation of various types of texts. Students discuss problems encountered in the course of translation such as text analysis and stylistics, register, language usage as well as equivalence at different levels. It is aimed at introducing strategies to solve such problems and leading students to establish their own strategies.

**TRAN821 Interpreting Techniques**

4 pg cp

A theoretical and practical-based course to examine and develop various techniques of interpreting from English into Auslan and from Auslan into English with a focus on monologues. Incorporates exploration of interpreting in different contexts, and various linguistic and practical coping strategies and memory skills, through discussion and simultaneous and consecutive interpreting exercises.

**TRAN822 Interpreting Practice**

4 pg cp

Prerequisite: TRAN 821

The unit focuses on the practice of being an interpreter, both the practice of interpreting between English and Auslan, and the professional and ethical practice of interpreters. The unit will provide interpreting skills practice in monologic and interactive settings. Students will be expected to apply theoretical knowledge gleaned from the unit TRAN821 Interpreting Techniques to the critical analysis of their interpreting skills. The program also looks at the ethical and professional practice of interpreters.

**TRAN823 Language Transfer in the Media**

4 pg cp

The unit introduces students to types of audiovisual language transfer in the media, with the main focus on subtitling for different types of media, the semantics of audiovisual language transfer and types of language reductions in subtitling (two hours a week).

**TRAN825 Lexicography**

4 pg cp

Students concentrate on ways in which dictionaries can best respond to a professional translator's and interpreter's needs. Aspects of semantic analysis and basic principles and methodology of dictionary-making are at the core of this unit. The creation and use of terminolog-

ical databases is discussed within the context of the special requirements of translation and interpretation.

**TRAN826 Community Interpreting and Translating**

4 pg cp

This unit focuses on the description, interpretation and explanation of discourse practices in situations where community interpreting and translating are required with particular emphasis on the links to be made.

**TRAN827 Research Methods in Translation and Interpreting**

4 pg cp

The unit introduces students to research issues and methods in translating. The particular orientation of the unit is on the active participation of the students in the research process and the unit thus prepares them to design, implement and evaluate their own research.

**TRAN830 Dissertation**

8 pg cp

The unit requires students to undertake a specific supervised research task in any of the areas covered by core or optional units and submit a dissertation (not more than 15,000 words) presenting the results of the project.

**TRAN832 Public Speaking**

2 pg cp

The unit is designed to enhance interpreting students' public speaking skills through pronunciation and intonation practice, delivering speeches and debating (two hours a week).

**TRAN833 Advanced Writing Skills for Translators**

2 pg cp

The unit is designed to improve translators' writing skills at an advanced level, including advanced work on grammar, stylistics and written text creation (two hours a week).

**TRAN834 Advanced Translation**

4 pg cp

Prerequisites: TRAN816, TRAN820

This unit provides students with opportunities to practice translation of the most up-to-date technical texts, especially focusing on economic and financial areas. Students will be given a chance to combine their translation skills with concepts of economics and business.

Four hours per week

**TRAN835 Advanced Auslan Interpreting**

2 pg cp

The unit provides an opportunity for interpreting students to be placed in real interpreting situations in various settings, in order to practice skills developed. Includes potential to work with more experienced Auslan interpreters and opportunities to be monitored for feedback.

**TRAN838 Advanced Auslan Interpreting II**  
*2 pg cp*

The aim of this unit is to provide Auslan interpreting students with the opportunity to discuss and practice advanced interpreting skills in one specialised area of community interpreting, that is, legal interpreting. Students will analyse the complex linguistic, cultural and ethical challenges of interpreting in legal settings, with consideration given to a range of issues. Students will explore the theoretical foundations of the law. Legal terminology and roles of various participants in the legal system, as well as interpretation issues faced specifically by Auslan interpreters.

**TRAN900 Grammar, Meaning and Discourse**

*4 pg cp*

This unit focuses on the analysis of natural discourse; language as a system for meaning and wording; the relationship between language and its social context; and the constitution of different discourse types.

**TRAN903 Languages and Cultures in Contact**

*4 pg cp*

The unit aims to provide students with the opportunity to develop a reasoned understanding of the impact of cultural patterns (beliefs and values) on an individual's verbal and non-verbal behaviours.

**TRAN904 Cross-cultural Pragmatics for Translators and Interpreters**

*4 pg cp*

This unit provides an introduction to linguistic pragmatics showing the relevance of an understanding of specific social and cognitive contexts to the analysis of spoken and written discourse.

**TRAN907 Stylistics and Translation of Literature**

*4 pg cp*

Prerequisite: LING900

This unit explores the use of linguistics in the study of style; the meaning of literary texts and their value in particular communities; the status of texts as literary artifacts; stylistics and translating and second language literatures; language, literature and sociocultural background; genre and linguistic description; verbal art and crossdisciplinary issues.

**PSYCHOLOGY**

**ABST800 Indigenous Social Health**

*4 pg cp*

This unit is for non-indigenous students. It explores the cultural and environmental patterns of indigenous social health (focusing on Australian and S-W Pacific region) particularly as they relate to traditional healing and other

indigenous health strategies, the land, recent strategies to address indigenous health issues, and the relationship between health and development. Skills training in culturally appropriate interventions.

**ABST801 Indigenous Health Workers I**

*4 pg cp*

Indigenous identity is a requirement for enrolment. The unit explores the cultural and environmental patterns of indigenous social health (focusing on Australian and S-W Pacific region) particularly as they relate to traditional healing and other indigenous health strategies, the land, recent strategies to address indigenous health issues, and the relationship between health and development. Skills development.

**ABST802 Indigenous Health Workers II**

*4 pg cp*

Prerequisite: ABST801

This unit provides further theory and skills development for Indigenous health workers.

**PSY863 Research Design and Evaluation**

*4 pg cp*

This unit covers a range of issues in the research area including the formulation of appropriate research questions; choosing appropriate methods; analysing data; ethical considerations including possible conflict between the role of the researcher and the role of therapist; objectivity and subjectivity; measurement issues; evaluation.

**PSY868 Psychotherapy**

*4 pg cp*

This unit examines the basic assumptions and procedures of psychodynamic psychotherapy. Comparisons with other current therapies will be made where feasible. Content includes the following areas: theoretical underpinnings of the psychodynamic position, basic rules of the technique, selection of clients, the therapeutic alliance resistance and acting out, etc.

**PSY904 Counselling and Cultural Perspectives**

*4 pg cp*

This unit provides theoretical and skills training in interviewing and counselling. Exploration is made of the counselling alliance with particular focus on cultural factors such as race, gender, age, sexuality and (dis)ability.

**PSY917 Therapy with Children and Families**

*4 pg cp*

This unit focuses on the acquisition of clinical skills related to assessment of and therapy with families, children, adolescents and couples, highlighting the dysfunctional aspect of family systems. Students will gain an understanding of some of the major familial influences upon the emotional, cognitive and behavioural develop-

ment of children and the long-term effects of these influences.

**PSY919 Developmental Psychopathology**

*4 pg cp*

This unit provides an overview of theoretical approaches to developmental psychopathology with an emphasis on attachment theory based models of assessment, diagnosis, and intervention. The nature of development in "high risk" groups (eg low birth-weight infants) and in children with developmental disabilities is also surveyed.

**PSY926 Psychology of Health**

*4 pg cp*

This unit provides an introduction to a range of topics in the area of health psychology. Lectures are given by several staff with various interests in health psychology and cover such topics as pain, psycho-neuroimmunology, stress, coping, and safety. In tutorials students present seminars on areas not covered by lectures.

**PSY927 Cognitive Behaviour Therapy II**

*2 pg cp*

This unit expands the previous unit by covering further techniques and skills. Again role play, video and demonstration will help to apply knowledge. More comprehensive packages and overall programs will also be covered.

**PSY928 Psychological Assessment II**

*2 pg cp*

This unit provides candidates with advanced training in clinical assessment.

**PSY929 Clinical Psychopharmacology**

*1 pg cp*

This unit provides an overview of drug pharmacology and in-depth discussion of contemporary issues in clinical psychopharmacology. Lectures introduce Neuropsychology and Clinical Masters students to fundamentals of drug therapeutics, physiological and psychological drug side-effects, and modern drug treatment strategies for a range of cognitive, pathological, and neurological disorders, including substance abuse.

**PSY930 Professional Practice**

*1 pg cp*

In this unit students will be introduced to various issues related to general professional practice of clinical psychology. Topics covered may include ethics, dealing with suicide, running a practice and case presentation.

**PSY933 Research Proposal**

*8 pg cp*

In this unit students work with an individual supervisor to conduct a literature review of an area and arrive at a proposed research design for their thesis. The literature review will be between approximately 5,000 and 8,000 words. It would be expected that the review will form the justification and background to the later research project.

The topic chosen is intended to be related to some issue or problem in clinical psychology, however the supervisor may be chosen from among any of the members of the psychology staff.

**PSY934 Dissertation**

*8 pg cp*

This unit involves the conduct of research and its submission in the format of a journal article, usually between 5,000 and 8,000 words.

**PSY956 Supervised Internship I**

*0 pg cp*

**PSY957 Supervised Internship II**

*0 pg cp*

**PSY958 Supervised Internship III**

*0 pg cp*

**PSY959**

**Supervised Internship IV**

*0 pg cp*

Candidates are required to gain experience by placement for 250 hours in each of 4 different clinical settings. Placements will be so arranged as to ensure that candidates have supervised experience both with adult and child/adolescent problems and with a diversity of different kinds of clinical settings (eg psychiatric, community, general hospital, neuropsychology).

Placement enquiries, contact Ms J Hyde telephone (02) 9850 8000.

**PSY961 Advanced Psychopathology**

*4 pg cp*

This unit has two components: diagnosis and psychopathology. Each week we cover a different set of disorders. We cover DSM diagnostic criteria and discuss differential diagnosis and comorbidity. We then discuss causal and maintaining factors, relying on empirical evidence in doing so. Wherever possible applied principles are covered.

**PSY962 Psychological Assessment I**

*2 pg cp*

This unit covers the principles of psychological testing and overviews the psychological tests used in clinical settings (with special attention to selected tests), test administration and interpretation and report writing. Topics include intelligence, memory, neuropsychological problems, personality, structured psychiatric schedules, learning difficulties, physical disabilities and forensic and cultural issues.

**PSY965 Cognitive Behaviour Therapy I**

*2 pg cp*

This unit covers the basic principles and application of what are usually referred to as cognitive and behavioural techniques. Students will learn many of the basic indi-

vidual techniques. Application will be enhanced by role play, demonstration, and video.

### **PSY966 Neuropsychological Disorders**

*2 pg cp*

This unit is an introduction to the major neuropsychological disorders of perception, language, memory, attention and executive functioning including their neuropathology and clinical features.

### **PSYA901 and PSYA902 Applied Psychology I and 2**

*4 pg cp each*

These units involve three theoretical modules:

- interviewing, counselling and conceptualisation;
- ethics, legal and professional matters; and
- cognitive behavioural interventions.

Students also complete 16 hours of psychology-related work experience each week, and a total of 12 hours of small group supervision. Workshops will also be offered on topics such as assessment and treatment of anxiety and depression, and working with non-dominant cultures.

### **PSYA903 and PSYA904 Applied Psychology 3 and 4**

*4 pg cp each*

The theoretical sections offered in these units include:

- psychological testing;
- special topics such as motivational interviewing and threatened suicide; and
- family interventions.

Students also complete 16 hours of psychology related work experience each week and a total of 12 hours of small group supervision. Workshops will also be offered on topics such as drugs and alcohol, geropsychology, and suicide.

### **PSYA905 and PSYA906**

#### **Applied Psychology 5 and 6**

*4 pg cp each*

These units involve three theoretical modules:

- children,
- resources, literature, evaluation and records, and
- narrative interventions.

Students also complete 16 hours of psychology related work experience each week and a total of 12 hours of small group supervision. Workshops will also be offered on topics such as trauma, and developing narrative skills.

### **PSYA907 and PSYA908 Applied Psychology 7 and 8**

*4 pg cp each*

These units have three theoretical modules:

- groups;
- supervision, consulting and training, and
- vocational counselling interventions.

Students also complete 16 hours of psychology-related work experience each week and a total of 12 hours of

small group supervision. Workshops will also be offered on topics such as self psychology, health psychology, and working with adolescents.

### **PSYC846 Advanced Issues in Developmental Psychology: Child Abuse and Neglect**

*3 pg cp*

This unit will cover social, economic and psychological factors associated with the physical, sexual and emotional abuse of children; methods of public education prevention, intervention and treatment; and legal and criminological issues.

### **PSYC875 Health Psychology**

*3 pg cp*

This unit covers psychosocial aspects of health, with emphasis on the biopsychosocial model rather than the medical model. Topics will include stress, appraisal and coping; behavioural origins of disease, especially risk factors for coronary heart disease; psychoneuroimmunology; pain measurement and management; social support and health; practitioner-patient communication and co-operation with prescribed medication; prevention and health promotion programs; coping with chronic illness; psychologists and the Australian health care system.

### **PSYC880 Introduction to Theories of Counselling**

*3 pg cp*

The unit will introduce students to a number of theories of counselling, specifically focusing on the translation of the theory into practice. The aim is to familiarise students with the key concepts in each theory. Students will not be prepared by this unit to counsel individuals or families.

### **PSYC881 Psychological Assessment and Evaluation**

*3 pg cp*

This unit provides candidates with practical training in cognitive assessment, including computerised techniques. Training in the administration and interpretation of tests of intelligence and memory function will be the focus of this unit. Ethical and professional issues in relation to psychological testing will also be covered.

### **PSYC883 Ethical, Conceptual and Professional Issues**

*3 pg cp*

This compulsory unit is designed to provide a comprehensive overview of ethical, conceptual and professional issues in relation to the practice of psychology. Familiarisation with local, national and international codes of conduct will be provided together with training in interviewing.

**PSYC885 History and Theory in Psychology**

3 pg cp

This compulsory unit explores theoretical issues in light of highly practical concerns. Contemporary cross-cultural, cross-species and cross-gender issues are used to reveal the strengths and limitations of certain research traditions, and to provide an opportunity to consider psychology's current interest in evolutionary theory, and the interlinking of culture, language, beliefs, and experience.

**PSYC886 Research and Design**

3 pg cp

This compulsory unit aims to prepare students to undertake survey or experimental research. Students receive lectures on survey and experimental research design, statistical and computing procedures. Students also complete either an experimental or a survey project dependent on the type of research project they intend to complete.

**PSYC887 Advanced Issues in Organisational Psychology**

3 pg cp

The unit investigates past, present and future themes of scientific psychology as applied within organisations. It explores such issues as human factors and technology, work design and wellbeing, change and adaptation at work, occupational stress, organisational design and culture, teamwork and small group behaviour, motivation, creativity and decision-making, and recent developments in organisational psychology.

**PSYC900 Supervised Placement I**

1 pg cp

**PSYC901 Supervised Placement II**

1 pg cp

**PSYC902 Supervised Placement III**

1 pg cp

**PSYC903**

**Supervised Placement IV**

1 pg cp

Students are required to undertake 1,000 hours of supervised placement of which a minimum of 240 hours will be face-to-face counselling in at least three different settings. Placements will be supervised by members of the College of Counselling Psychology of the Australian Psychological Society or by persons eligible for membership of the College of Counselling Psychology. Although students may use their paid employment to obtain supervised practice, over the period of candidacy it will be necessary to obtain some work experience in at least two other settings, and evidence of a range of work within the employment setting will be necessary. Placement enquiries, contact the Counselling Placement Coordinator, Ms R Knight telephone (02) 9850 8000.

**PSYC904 Case Conference: Interviewing and Problem Formulation**

2 pg cp

This unit focuses on the issue of effective interviewing procedures, drawing from skills associated with systems theory and self psychology. Firstly, to enable the counsellor to conduct the initial assessment from these perspectives, to create the appropriate level of trust which enables the client to begin the process of exploring their concern(s) and to present the material in as complete a manner as possible. Secondly, to develop the skill of taking the initial assessment and formulating a coherent understanding of the circumstances of the client from the two perspectives of systems theory and self psychology. Treatment implications of this assessment will then be used in case planning.

**PSYC905 Issues in Professional Practice**

2 pg cp

This unit focuses extensively on ethical practice. The APS Code of Professional Practice will be reviewed and discussed as well as a range of codes relevant to counselling psychologists. Students will be introduced to ethical issues and decision making confronting counselling psychologists. Relevant legislation will be reviewed (eg various mental health acts of NSW, including the Psychologists Registration Act) and the role of the counselling psychologist as an expert witness will also be discussed. Emphasis will also centre on the role of the psychologist, including issues associated with establishing a consultancy, marketing counselling psychology skills and maintaining competency and skills in a changing environment.

**PSYC906 Special Populations**

2 pg cp

The selection of the populations for consideration will be based on the special counselling factors involved in treatment of these clients. Populations to be covered will vary from year to year but will include groups such as suicidal, sexually abused and domestic violence survivors including those from culturally diverse backgrounds, sexual dysfunction disorders, eating disorders, personality disorders, trauma (eg sexual assault survivors), those undergoing adjustment to changes in employment status (eg retraining after retrenchment, unemployment) and relationships.

**PSYC907 Case Conference: The Therapeutic Relationship**

2 pg cp

This unit will explore the nature of the therapist client interaction as a significant aspect of the therapeutic process. Emphasis will be placed on the therapist's own family of origin and how this impacts on the nature of the interaction with the client. Students will be encouraged to examine their own therapeutic practice in light of their own efforts towards creating change within their own families.

### **PSYC908 Counselling Theory and Practice I**

4 pg cp

This unit covers the fundamentals of counselling theory and major theoretical perspectives drawn from a range of system theories. These theories will be explored in terms of the evaluative research findings. Essential elements of these theories are examined with the aim of developing a coherent framework for the counsellor. Workshops explore the practical implications of these theories and develop introductory skills relevant to the theoretical perspectives.

### **PSYC911 Advanced Lifespan Psychology for Counsellors**

4 pg cp

Theoretical models of lifespan development are outlined, with particular emphasis on theories and models that adopt an interactive approach featuring both the person and the situation. In particular, relationships with partners, parents and peers across the lifespan and in a variety of different contexts (home, school, work) will be examined in relation to issues in counseling.

### **PSYC912 Group Processes and Counselling**

4 pg cp

This unit covers the fundamental dynamics of small groups and examines the role of leading/facilitating a therapeutic group. An experiential laboratory experience is integral to the unit. It is NOT compulsory but highly recommended. Topics covered include the stages in group development, types of leadership styles and the factors which maximise the benefits for clients of group counselling treatment. Research relevant to these processes which influence the therapeutic effects of group counselling will be discussed. Students will be encouraged to undertake outcome research on a counselling group.

### **PSYC917 Research Proposal**

8 pg cp

In this unit students work with an individual supervisor to conduct a literature review of an area and arrive at a proposed research design for their thesis. The literature review will be between approximately 5,000 and 8,000 words. It would be expected that the review will form the justification and background to the later research project. The topic chosen is intended to be related to some issue or problem in clinical psychology, however the supervisor may be chosen from among any of the members of the psychology staff.

### **PSYC918 Dissertation (Masters)**

8 pg cp

This unit involves the conduct of research and its submission in the format of a journal article, usually between 5,000 and 8,000 words.

### **PSYC922 Couple Therapy**

4 pg cp

This unit will develop theoretical underpinnings of working therapeutically with couples from a range of systemic and self psychological perspectives. It will concentrate on the development of therapeutic techniques linked to the theoretical perspectives presented. Emphasis will be placed on assessment or conceptualising skills, interviewing skills, and in-session and end of session interventions. Attention will also be given to special problems of dealing with issues of separation, domestic violence and same sex couples.

### **PSYC943 Research Project**

17 pg cp

This compulsory unit will involve students working on a research project in groups of three or four under the direction of a staff member. Students will select a project of interest to them from those offered by staff members. Students will work together on the project, but the staff member will ensure that each student provides appropriate input. Once the data are collected, students will work individually on analysing the data and will individually present results of the research in thesis style (12,000 words).

### **PSYC951 Advanced Issues in Social and Personality Psychology**

3 pg cp

This unit will focus on bio-social models of personality including genetic mechanisms, and neuropsychological models of individual differences. We will be seeking reductionist explanations of normal and abnormal behaviour: explanations which explain abnormal behaviour in the terms of normal personality functions. Examples of this strategy include normal models of depression and vulnerability for serious mental illness. Differences in intelligence may also be covered.

### **PSYC954 Social Psychology and Film**

3 pg cp

In this unit students will read topical reviews of major theories in social psychology, and for each reading students will view a film. Students will then be required to complete weekly two-page thought papers integrating ideas from each film with the reading assigned.

### **PSYC960 Practicum in Counselling Psychology**

2 pg cp

This unit draws on the theories of systemic therapy and Self Psychology and applies them to therapeutic work with clients. It will focus on applying these theories to selected cases and will reinforce conceptualisations and intervention with actual cases. Emphasis will be placed on reinforcing and linking all of the skills taught in the overall course in the effective treatment of clients. Attention will also be placed on the effectiveness of the treatment procedures.



**PSYC961 Advanced Counselling Theory and Practice**

2 pg cp

This unit expands and further develops the foundations established in Counselling Theory and Practice I. Emphasis will be placed on advanced theoretical conceptualisations and skill development related to therapeutic work with clients. Initially the unit will focus on concepts from self psychology and will then integrate these concepts with systems theory.

**PSYN803 Neuropsychological Disorders**

2 pg cp

The focus of this unit is impairment of cognitive and behavioural functioning following brain damage, covering disorders of memory, language, perception and gnosis, praxis, attention, reasoning and problem solving, calculation, and adaptive behaviour, with an emphasis on their clinical presentation and assessment, as well as what these disorders reveal about the functional organisation of the brain.

**PSYN804 Neuropsychopharmacology**

2 pg cp

This unit provides an overview of drug pharmacology and in-depth discussion of contemporary issues in clinical psychopharmacology. Lectures introduce Neuropsychology and Clinical Masters students to fundamentals of drug therapeutics, physiological and psychological drug side effects, and modern drug treatment strategies for a range of cognitive, pathological, and neurological disorders, including substance abuse.

**PSYN805 Case Conference/Professional and Ethical Issues I**

2 pg cp

Senior candidates will present and discuss their own cases (usually from their clinical placements) and staff will also make case presentations. These will include history, formulation of presenting problem and hypotheses, assessment procedure and results, and recommendations or management plans where appropriate. Professional and ethical issues will also be addressed.

**PSYN807 Cognitive Behaviour Therapy I**

2 pg cp

This unit covers an introduction to skills such as interviewing, basic counselling, behavioural assessment and management, cognitive behaviour therapy, and techniques for family intervention. The unit also deals with psychological issues that arise for individuals and families at various stages of recovery.

**PSYN808 Developmental Neuropsychology**

4 pg cp

This unit examines developmental changes in brain structure and function, and their neuropsychological abnormalities; assessment, diagnosis and treatment of the behavioural and cognitive consequences of damage to the

developing brain; and developmental difficulties in acquiring cognitive abilities. It includes material on hydrocephalus, epilepsy, head injury, autism, cerebral palsy, and developmental disorders of cognition and language.

**PSYN809 Neuropsychological Research Seminar I**

2 pg cp

This unit involves presentation and discussion of ongoing research work in any area of neuropsychology. Each candidate will be expected to present a research plan for the empirical research project (PSYP819) after it is planned but before data collection begins. Students are also each expected to do a class presentation on a journal article.

**PSYN810 Advanced Psychopathology**

4 pg cp

This unit covers the major diagnostic categories described in the DSM-IV, including affective disorders, schizophrenia, paranoid and other psychotic disorders, anxiety and phobic disorders, childhood and developmental disorders, organic brain syndromes.

**PSYN811 Cognitive Neuropsychology**

4 pg cp

This unit deals with the application of cognitive psychology to the understanding of impairments of cognition that arise after brain damage, and to the study of such impairments as a source of evidence about the nature of normal cognitive processing. The uses of cognitive neuropsychology in the development of rehabilitation programs for specific cognitive impairments will also be considered. The assessment for this unit is a short individual oral examination.

**PSYN812 Case Conference/Professional and Ethical Issues II**

2 pg cp

See PSYN805 above for description. Note that Case Book and Log Book need to be submitted before candidates can be passed.

**PSYN813 Recovery and Rehabilitation**

2 pg cp

This unit examines theories of recovery of function following brain damage. Various methods of intervention and remediation employed with the brain-damaged will be discussed, including general and directed stimulation, functional reorganisation, environmental manipulation, cognitive processing techniques, behavioural methods and cognitive-neuropsychological rehabilitation.

**PSYN814 Neuropsychology Research Seminar II**

2 pg cp

This unit involves presentation and discussion of ongoing research work in any area of neuropsychology. Each candidate will be expected to present a research plan for the empirical research project (PSYP819) after it is planned

but before data collection begins. Students are also each expected to do a class presentation on a journal article.

**PSYN815 Supervised Internship I**

*1 pg cp*

**PSYN816 Supervised Internship II**

*1 pg cp*

**PSYN817 Supervised Internship III**

*1 pg cp*

**PSYN818 Supervised Internship IV**

*1 pg cp*

Candidates are required to gain experience by placement for a minimum of 250 hours in each of four different clinical neuropsychology settings. Placements will be so arranged as to ensure that candidates have supervised experience with a range of different kinds of clinical settings (eg child, geriatric, head injury, rehabilitation, stroke, neurology/neurosurgery).

**PSYN821 Psychological Assessment I**

*2 pg cp*

This unit provides candidates with training in the administration and interpretation of some of the major psychological tests used in the clinic, including tests of intellectual functioning, personality ageing, psychological and intellectual development and social adjustment. There is also a specific component on neuropsychological testing.

**PSYN822 Psychological Assessment II**

*2 pg cp*

This unit provides candidates with advanced training in clinical assessment.

**PSYN823 Neuropsychopathology**

*4 pg cp*

This unit covers a range of neuropathological conditions which the clinical neuropsychologist is likely to encounter, including head injury, dementia, alcohol-related brain damage, epilepsy, AIDS etc. These syndromes will be discussed in terms of their pathology, neuropsychological presentation, diagnostic signs, course of disease, assessment and treatment.

**PSYN824 Neuroanatomy for Neuropsychologists**

*2 pg cp (taught off campus)*

In this unit we explore the human brain, and examine the behavioural consequences of brain damage. The unit adopts the standard correlative neuroanatomy approach, discussing development of the nervous system and the anatomy of the mature nervous system (the brain stem and associated structures, diencephalon, and telencephalon; blood supply; white matter pathways; ventricles and meninges). A reading list will be supplied each week.

**PSYN825 Research Proposal**

*8 pg cp*

In this unit students work with an individual supervisor to conduct a literature review of an area and arrive at a proposed research design for their thesis. The literature review will be between approximately 5,000 and 8,000 words. It is expected that the review will form the justification and background to the later research project. The topic chosen is intended to be related to some issue or problem in clinical psychology, however the supervisor may be chosen from among any of the members of the psychology staff.

**PSYN826 Dissertation**

*10 pg cp*

This unit involves the conduct of research and its submission in the format of a journal article, usually between 5,000 and 8,000 words.

**PSYO914 Industrial and Organisational Psychology**

*4 pg cp*

This unit aims to provide students with a set of methodologies commonly used in I/O psychology and considers current issues in I/O practice. Students will gain expertise in validation procedures, utility analysis and meta analysis. In all, the unit aims to bring together theory, methodology and workplace issues, and to provide a sound underpinning for professional practice.

**PSYO915 Organisational Change and Development**

*4 pg cp*

This unit covers issues relevant to the social psychology of work organisations, with particular emphasis on organisational change and development. Topics covered include: theories of organisational change; factors that facilitate/present barriers to change; organisational culture; organisational communication (networks, formal vs informal, etc); power and conflict; developing measures of organisational effectiveness; organisational change processes (quality, customer focus, EEO, management structure etc).

**PSYO919 Training in Organisations**

*4 pg cp*

This unit explores work and family issues in the modern workplace context. The practical component of the unit focuses on developing useable training packages in this area. Students will also gain expertise in training needs analysis, development of training material and evaluation methodologies.

**PSYO921 Applied Psychology in Human Resource Management**

*4 pg cp*

This unit provides an introduction to industrial / organisational psychology by exploring the organisational context in which psychology is applied to the workplace. Discussion will focus on the role of psychologists in

meeting an organisation's strategic and operational needs through selection, training, performance management, compensation, and the design of jobs, teams, processes, workplaces and organisations.

**PSYO930 Supervised Placement I**

*1 pg cp*

**PSYO931 Supervised Placement II**

*1 pg cp*

**PSYO932 Supervised Placement III**

*1 pg cp*

**PSYO933 Supervised Placement IV**

*1 pg cp*

Students will be required to obtain a minimum of 250 hours of supervised practice as part of each placement requirement. A considerable degree of flexibility will be permitted in approving the nature of the work that can be carried out as part of the practical placement experience, but supervision must be undertaken by a professional organisational psychologist. Although the Department assists students in finding suitable placements to fulfil this component of the course, sometimes students identify opportunities for which on-site supervision is not available, such as their existing place of work etc. If such a placement is deemed suitable by the course director, outside supervision can be arranged at the student's expense.

**PSYO934 Professional Practice I**

*2 pg cp*

**PSYO935 Professional Practice II**

*2 pg cp*

**PSYO936 Professional Practice III**

*2 pg cp*

**PSYO937 Professional Practice IV**

*2 pg cp*

These units aim to keep students up to date with topical applied issues that may arise in their placements and future work in organisations. Emphasis is given to developing practical skills that can be applied in organisations. These units also allow students to share their placement experiences.

**PSYO939 Counselling in Organisations**

*4 pg cp*

This unit will introduce students to basic principles and techniques of counselling. Preliminary sessions will cover general theoretical principles and an introduction to theories of counselling. Later sessions will be practice-based and will aim to apply principles and techniques to a variety of organisational situations.

**PSYO940 Psychological Assessment and Evaluation**

*4 pg cp*

This unit covers the principles of psychological testing and overviews tests used in organisational settings, test administration and interpretation and report writing.

**PSYO944 Research Proposal**

*8 pg cp*

In this unit students work with an individual supervisor to conduct a literature review of an area and arrive at a proposed research design for their thesis. The literature review will be approximately 8000 words. It would be expected that the review will form the justification and background to the later research project. The topic chosen is intended to be related to some issue or problem in organisational psychology, however the supervisor may be chosen from among any of the members of the psychology staff.

**PSYO945 Dissertation**

*8 pg cp*

This unit involves the conduct of research and its submission in the format of a journal article, usually between 5,000 and 8,000 words. Students are required to conduct a research project that provides a contribution to theoretical or applied knowledge. The research can use quantitative or qualitative methodology, and will result in a written thesis.

**PSYS803 Working with Groups**

*4 pg cp*

This unit is concerned with theory of group processes and skills training in group leadership. Experiential group as both participant and group leader.

**PSYS805 Narrative Approaches to Social Health**

*4 pg cp*

This unit is an introduction to the theory and practice of narrative approaches to social health issues which involves a socio-cultural and social justice perspective. Skills training using live demonstrations, videos, didactic input and practice.

**PSYS811 Working with Families**

*4 pg cp*

This unit includes theory and skills training in a variety of approaches (including systemic and narrative) to working with families and parts of families when one or more family members are experiencing social health issues. Videos, case illustrations, skills practice.

**PSYS812 Cognitive Behavioural Approaches**

*4 pg cp*

This unit is an introduction to the theory and methods of cognitive behavioural treatment (CBT) in relation to social health problems. It includes assessment, case for-

mulation, development of a treatment program and evaluation of the intervention. Offered as a 4 day workshop.

**PSYS813 Child Abuse and Neglect**

*4 pg cp*

The aim of this unit is to cover social, economic and psychological factors associated with the physical, sexual and emotional abuse of children; methods of public education, prevention, intervention and treatment; and legal and criminological issues.

**PSYS821 Working with Youth**

*4 pg cp*

This unit explores the major factors in the morbidity and mortality in young people. Topics may include: suicide, violence, sexual and reproductive health, nutrition, mental health, criminal activity, marginalisation, resilience, and the interface between youth and health and other services. It includes skills training in various interventions approaches.

**PSYS822 Lifespan Development**

*4 pg cp*

This unit provides theoretical models of lifespan development with particular emphasis on those that adopt an interactive approach featuring both the person and the situation. Relationships with parents, peers and children across the lifespan in relation to social health issues will be examined, as will approaches to healthy aging and provision of appropriate supports and care.

**PSYS823 Working with Children**

*4 pg cp*

This unit focuses on the acquisition of skills in interviewing, engaging, assessing and counselling children and their families. Students will gain an understanding of some of the major familial influences upon the emotional, cognitive and behavioural development of children.

**PSYS824 Drugs and Social Health I  
(Context and Effects)**

*4 pg cp*

This unit is concerned with the social, political, economic and historical contexts of drug use, including the construction of deviancy, processes of social control and social policy, fundamentals of the pharmacology, therapeutics and pharmacokinetics of drug use with focus on commonly used substances, issues of drug use and effects, and the implications for special needs of non-dominant groups.

**PSYS825 Drugs and Social Health II  
(Interventions)**

*4 pg cp*

This unit is concerned with issues of detoxification, maintenance, rehabilitation and safer using practices skills training in a variety of intervention strategies appropriate to clients with drug related problems. It addresses issues such as abstinence vs controlled drink-

ing, drugs in sport, methadone programs and drop out reduction and motivational interviewing.

**PSYS826 Evidential Interviewing**

*4 pg cp*

This unit is concerned with theoretical and skills training in interviewing individuals, especially children, regarding alleged traumatic experiences. Expert testimony.

**PSYS827 Criminal Justice and Social Health I**

*4 pg cp*

This unit is concerned with theoretical perspectives and practical training in responding to criminal behaviour including clinical victimology, dual diagnoses, community restitution, crime prevention and early intervention, diversionary programs, probation and parole.

**PSYS828 Criminal Justice and Social Health II**

*4 pg cp*

This unit is concerned with assessment and management of violent offenders, sex offenders, drug and alcohol abusers, risk of self-harm and people with personality disorders.

**PSYS829 Narrative and Community Interventions**

*4 pg cp*

The unit further develops narrative theory and skills, especially reflecting teams and written narratives. It explores theory and practice of narrative approaches in community settings. This is a new field and students will contribute to identifying potential practices.

**PSYS830 Trauma: Legacies and Interventions**

*4 pg cp*

This unit is concerned with theoretical and empirical evidence on the legacies of childhood trauma (physical, sexual and emotional abuse and neglect) and adult trauma (dispossession, disaster, violence, torture, refugees), loss and grief, Post Traumatic Stress Disorder, complex PTSD and common behavioural concomitants (such as dissociation, self-mutilation, violence and drug abuse). Skills training in various approaches to intervention.

Offered as a 4 day workshop.

**PSYS831 Advanced Counselling**

*4 pg cp*

This unit offers further development of counselling skills relevant to social health issues. Theoretical and skills training in further counselling approaches such as Self Psychology.

**PSYS832 Invitations to Responsibility**

*4 pg cp*

The unit reviews attribution of responsibility commonly made by offenders (eg violence in the home, crime, drug

abuse, drunk driving, sexual abuse) and examines various intervention approaches. Skills training in inviting individuals to take responsibility for their actions.

**PSYS833 Social Health Perspectives**

*4 pg cp*

This unit is an exploration of various approaches to the construction of health, wellness, illness, abnormality and deviancy with a focus on sociocultural perspectives. It offers a critical evaluation of current prevention policies and educational and program strategies and their delivery.

**PSYS834 Counselling and Professional Practice**

*4 pg cp*

This unit provides theoretical and skills training in counselling practice with a focus on the counsellor's contribution to the counselling alliance. Issues and skills training in the recognition and classification of psychological distress, the assessment and management of high risk behaviours and appropriate referral. Codes of ethics/professional practice in the context of hypothetical presentations and current work are discussed.

**PSYS835 Social Health Research**

*4 pg cp*

This unit aims to prepare students to undertake qualitative and quantitative research. Following a series of lectures on research design, statistics and computing procedures, students complete a qualitative, experimental case study or survey project.

**PSYS836 Organisational Change and Development**

*4 pg cp*

This unit is concerned with social psychology of work organisations, with particular emphasis on organisational change and development. It includes theories of organisational change; factors that facilitate change, organisational culture, organisational communication, power and conflict, measures of organisational effectiveness.

**PSYS837 Research Project I**

*8 pg cp*

Prerequisite: PSYS835 Social Health Research.

This unit involves developing a research plan, gaining ethics approval and collecting data in preparation for PSYS838 Research Project II (data analysis and thesis completion). The project can employ qualitative, program evaluation, survey or experimental methodology and can relate to any aspect of social health.

**PSYS838 Research Project II**

*8 pg cp*

Prerequisite: PSYS837 Research Project I.

Completion of the research project started in PSYS837 Research Project I. The report should be in the form of a journal article, prepared in accordance with the require-

ments of the chosen journal. Students are encouraged to submit their article for publication.

**PSYS839 Research Case Study**

*4 pg cp*

This unit involves a case study report on work with a client presenting with a social health issue. The purpose is to develop skills in single case study methodology and theoretical clinical understanding of presenting problem.

**PSYS840 Psychological Testing**

*4 pg cp*

This unit is concerned with theoretical and skills training in administration, scoring and reporting of psychological tests. This unit is available only to students who hold Conditional Registration with NSW Psychologists Registration Board.

**PSYS841 Contemporary Issues in Social Health**

*4 pg cp*

This unit includes special topics and contemporary issues in social health (e.g. Grief and Loss, Critical Incidents, Older Client, Supervision and Consultation).

**PSYS842 Professional Placement I**

*4 pg cp*

**PSYS843 Professional Placement II**

*4 pg cp*

Supervised placement in a workplace with the opportunity to gain experience in applying the skills learnt in other theory/training units.

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## Division of Society, Culture, Media and Philosophy

### **ANTH800 Issues in Applied Anthropology** *4 pg cp*

An introductory unit examining issues of applied anthropology's definition and scope; its methodologies; relationships between culture and development; medical anthropology and primary health care; power inequalities; connections between the global and the local; Aboriginal land rights; approaches to poverty; studies of tourism, and the ethics of applied research.

### **ANTH801 Methodology in Local and Community Studies** *4 pg cp*

This unit introduces methodological strategies used in community research. Quantitative strategies, such as questionnaire and survey methods, will be compared with qualitative ones, such as participant observation. The epistemological and ethical dimensions of methodology, and the effects of political imperatives on the conduct of research will be discussed. It includes four weeks of community-based research.

### **ANTH805 Migrant Communities in Australia** *4 pg cp*

This unit examines issues surrounding immigration and migrant communities in Australia. The impact of labour migration, understanding of ethnicity, and the impact of mass immigration will be considered from both international and national perspectives. Cases will be used to evaluate government policy and approaches to migrant communities, and shifts in approaches will be considered.

### **ANTH808 Urban Anthropology and Community Development** *4 pg cp*

Studies in urban anthropology, both in the West and in industrialising societies, will be examined in the light of the emergence of community organisations against a background of class and power differentials. The mechanisms appropriate to social action will be examined through case studies drawn from both Western and "Third World" examples. Dilemmas of "community development" will be considered.

### **ANTH811 Culture, Media and Development** *4 pg cp*

The rapid introduction and spread of mass media has been directly and indirectly implicated in the patterns currently emerging, especially in the Asia-Pacific region. This unit will examine the theories of media influence,

the present pattern of media flow, and the use of media directly in the development process (ie in development communication).

### **ANTH815 Issues in the Sociology of Development** *4 pg cp*

This unit introduces development studies by examining theories and practices that have dictated the nature of development assistance to the Third World over the past four decades. Using case studies, this unit considers key issues such as NGOs and commercial program management, gender, sustainable development, human rights, globalisation and mass media, emergency relief and Australia's aid policies.

### **ANTH821 Changing Australian Indigenous Communities** *4 pg cp*

This unit examines policies and practices in relation to Aboriginal community development in both remote and urban areas. Current federal and state policies in relation to welfare, health, land and legal issues will be discussed. Aboriginal viewpoints and the interaction of Aboriginal organisations with bureaucracies and welfare agencies will be examined.

### **ANTH823 Research Project** *16 pg cp*

The research project may be carried out in a field setting or be based on documentary and policy materials. It may be possible to arrange field placement for students in their areas of interest (but note that all associated costs would have to be met by the candidate). A final report of approximately 20,000 words is required.

### **ANTH824/ANTH825 Research Project (half year)** *8 pg cp*

A half-year unit for candidates who wish to begin their Research Project mid-year or who require more than one year to complete the Research Project.

### **ANTH826 Intellectuals and Contested Knowledge in Development and Modernisation** *4 pg cp*

This unit introduces the use of anthropology in understanding the contested nature of knowledge in the project of development and modernisation. Anthropological studies of shamans, midwives and diviners will be used to question the meaning of knowledge as defined by modernising intellectuals.

### **ANTH840 Refugees and Resettlement** *4 pg cp*

This unit will explore some of the main contemporary issues relating to forced migration. Through seminar discussions, presentations and students' assignments, we will examine the causes and consequences of forced

migration, local and international strategies to “manage” the consequences of population movements, and anthropological attempts at explaining and understanding the refugee condition.

**HGEO802 Social Impact Assessment and Cross Cultural Negotiation**

*4 pg cp*

This unit is concerned with social impact assessment as a key tool in managing development in multicultural environments where stakeholders have different views of the world. Using case studies of native title, resource projects and major infrastructure developments, this unit develops conceptual, methodological and practical skills relevant to government, community and private sectors. Students will examine several major social impact studies and native title negotiations.

**ICOM811 Communication and Social, Economic and Political Development**

*4 pg cp*

This unit examines the process of international communication in the context of social, political and economic development. It includes a study of the literature on communication and development and focuses on ways policies are developed to facilitate change. In addition to the theoretical basis for communication, particular attention is given to the role of the media and its effect on public opinion.

**ICOM812 Cross-cultural Communication**

*4 pg cp*

This unit examines the cultural dimensions of globalisation through the representation of different ethnic and cultural groups in media and audiovisual products. Through case studies drawn from a range of media and cultures, it addresses the formation of sub-cultures, global audiences, diasporic communications and alternatives to contemporary international media imagery.

**ICOM813 International Communication Flows**

*4 pg cp*

This unit looks at the western approach to news gathering and dissemination, and especially, the news values applied by the media of the dominant centre in relation to the periphery in international and local reporting. The course uses the New World Information and Communication Order (NWICO) concept as a springboard for discussions and as the framework for the final project. A major segment of the course is devoted to the research and production of short television news stories. The resulting half hour program, packaged in a magazine format, will be aired on C-31 Community TV Sydney.

**ICOM814 Development Communication**

*4 pg cp*

The unit comprises three main parts, all underpinned with relevant case studies. Firstly, it includes a study of the origins, growth and development of the area of human

activity traditionally known as Development Communication (DevComm). Secondly, it involves students, theoretically and practically, in the area of DevComm referred to as “Development Journalism”. Thirdly, it includes elements of “Participatory Communication” in theory and practice.

**ICOM815 Communication and Power Paradigms**

*4 pg cp*

This unit seeks to explore global media production and consumption. The Gulf War, the 9.11 attack on World Trade Centre and the World Cup Soccer are examples of media events that are depicted, constructed, interpreted, circulated, and consumed on a global scale. The images of these events are direct outcomes of global power relations in many ways. The unit encourages constructive critical thinking so as to develop an appreciation of the nature of media in relation to the concept of power and domination.

**ICOM816 Communication and International Political Economy**

*4 pg cp*

The unit examines the relationship between communication and political economy. It begins by providing a grounding in classical and contemporary political economy and then goes on to establish a corridor between political economy and cultural inquiry and addresses the political economy of communication.

**ICOM817 Transnational Communication**

*4 pg cp*

This unit examines the structures and activities of global and local media and audiovisual industries including film, television, recorded music, advertising and new media. The unit will utilise a range of theoretical perspectives drawn from the fields of communications and cultural studies to assist understanding of transnationalism, particularly in the Asia-Pacific region. Students will be able to apply insights gained through theoretical and practical illustrations to develop a case study of an industry, sector or national market relevant to their interests.

**ICOM818 Research Seminar in International Communication**

*4 pg cp*

In this unit students will be intensively exposed to international communication research projects through examination of published research studies and unpublished dissertations. Students will be required to write critiques of selected research projects. Students will learn and improve analytical and critical skills through discussions of conceptual frameworks and theories used in conducting research in international communication; analysis of different research designs and their methodological logic; and presentation skills.

**ICOM821 Intercultural Communication**

4 pg cp

This unit develops the analytical and practical skills needed for intercultural communication between individuals in organisational settings. It examines intercultural communication in global and multinational businesses, diplomatic services, inter-government organisations, non-government organisations, the United Nations family and the media.

**ICOM822 Theory and Practice in Production I**

4 pg cp

This unit discusses the process of media production and practices therein while providing training in various aspects of the process of media production. The unit may be offered either in print, computer-mediated communication, radio or television.

**ICOM823 Writing for the Media I**

4 pg cp

Writing for Media I gives a thorough grounding in professional writing skills either in print, computer-mediated communication, radio or television.

**ICOM824 Theory and Practice in Production II**

4 pg cp

This unit builds on ICOM 822 to take further the discussion of process of media production and practices therein and training in various aspects of the process of media production. The unit may be offered in the same area as its prerequisite, ICOM 822, either in print, computer-mediated communication, radio or television

**ICOM825 Writing for the Media II**

4 pg cp

The unit builds on ICOM 823 to develop further professional writing skills either in print, computer-mediated communication, radio or television.

**ICOM826 Colloquium in Mass Communication I**

4 pg cp

The unit is intended to cover subjects and issues of contemporary relevance to media professionals. Its approach will be interactive with emphasis on sharing of experiences. The seminar will deal with the broad theoretical and policy areas: new communications technology and media industries; and the administration of new communication technologies in a media context.

**ICOM827 Colloquium in Mass Communication II**

4 pg cp

Like MAS 826, this unit is meant to cover subjects and issues of contemporary relevance to media professionals. The seminar will deal with the question of research in a media production context.

**ICOM828 Special Project**

4 pg cp

The Special Project provides candidates with an opportunity to engage in practical work in their chosen field as well as produce a research document showing evidence of critical thinking. Students may either take an internship of a total of 100 hours and a critical commentary of 4,000 words or create a media product and a critical commentary of 4,000 words.

**ICOM890 Digital Audio/ Radio Production**

4 pg cp

The course will consist of seminars and workshops. Each week, with the exception of the final four which will be devoted totally to student production, a one-hour interactive lecture will be followed by two hours of student-oriented practical audio/radio production exercises using digital media only. The course aims to provide a variety of professional sound recording and broadcasting production experiences which will help participants understand audio/radio media and perhaps become involved with media production in the future

**ICOM891 Communication Research Methodologies**

4 pg cp

The purpose of this unit is to prepare students for their final research projects in ICOM 818. Students will be instructed in the principal research methodologies used in the field of international communication. These include ethnographic research, case studies, content analysis, delphi method, discourse analysis, documentary research, focus groups, in-depth interviews, projective technique, semiotics studies and survey method.

**ICOM892 International Public Relations and Advertising**

4 pg cp

The unit will examine the relationship between media, the state and other international actors. The issues of “public diplomacy”, “international public relations”, “public affairs” and “media and foreign policy” will be addressed.

**ICOM893 Popular Cultural Projects**

4 pg cp

This unit covers the basics required to design and carry out projects in the area of communication. It will examine project planning theory and provide an opportunity for students to develop knowledge, understanding and skills in designing projects within their chosen area of interest. The unit also investigates a collection of management issues such as local participation, negotiation and writing proposals for funding.

**ICOM895 Information Campaigns**

4 pg cp

This unit examines the theoretical base for information campaigns and the practical elements involved in their development, implementation and evaluation. It com-



binas a study of the theories of propaganda, persuasion and public opinion with analysis of the advantages and limitations of different communication models. It looks at how effective media relationships are established at a local, national and international level and examines case studies of governmental, social issue and political campaigns in the developed and developing world.

**ICOM896 International Communication**

*4 pg cp*

This unit will discuss theories of international communication centering on a Lasswellian perspective, examining the concepts of elites, influentials, skill groups, value pyramids, propaganda and power. The discussion of these concepts will be placed in a contemporary setting. Lasswellian configurative analysis will also be examined.

**ICOM897 New Media in International Communication**

*4 pg cp*

This unit combines to provide an introduction to some of the theoretical concerns of computer mediated communication, with the development of skills in digital media production. This will be conducted as a combination lecture/seminar sessions in parallel with practical workshops. The lecture/seminar sessions will investigate the social, cultural and political implications of the development of the networked computer, as it has become another form of popular media. The practical workshops will aim at developing students' skills in producing sites for the World Wide Web.

**ICOM898 Research Project in International Communication**

*24 pg cp*

(2 semesters x 12 pg cp per semester)

Students following the research track in the Master of Arts in International Communication will enrol in this unit while designing their research projects, undertaking research and writing their 20,000 to 25,000 word thesis. 24 cp of ICOM898 are required, 12 in each of two consecutive semesters. This research track, in the coursework MA, will be a stepping stone to the PhD program. Admission to this track will require either: (i) a 3.5 GPA in a relevant BA or (ii) a 3.5 GPA in a student's first semester in the MA in International Communication. The student will need to have taken ICOM891 and two units from ICOM812, ICOM816 and ICOM896 in the first semester.

**POL840 The International System**

*4 pg cp*

This unit provides an overview of global politics focusing on an analysis of the nature, measurement and exercise of power in international relations; the study of the clash of interests and the nature of conflict and war between the major players; and, a consideration of the moral and institutional constraints developed by the global community on the exercise of power.

**POL845 International Institutions**

*4 pg cp*

This unit provides a study of the role of international institutions, such as the UN Security Council and World Health Organisation, IMP and the World Bank, in the context of world order and the management and regulation of relations between states and other global actors. Particular attention is given to the UN system, to peace-keeping and global economic management.

**SOC810 Governing Society**

*4 pg cp*

This unit examines basic conceptions and frameworks of government, governance and "governmentality" and their application to contemporary domains of policy and techniques of implementation, eg risk management, contracting, auditing and accounting, individualised service delivery, community care, and customer focus. The key objective of the unit is to understand how governing occurs today in contemporary liberal-democratic societies.

**SOC815 Selected Topics in Applied Social Research**

Social policy, social theory and applied social research themes are brought together through an in-depth analysis of a particular social policy area. From time to time, a case study area will be selected that draws upon current work within the Sociology Department, eg disability, policy, poverty and education, AIDS research. At other times the case study area may be selected from policy-oriented research in the public sector.

**SOC816 Individual Project**

*8 pg cp*

This option offers students the opportunity to design and implement a research project under academic supervision. Admission to the research option will be both discretionary and conditional. Students will need to have achieved a Credit average in their coursework units to qualify for admission to the project option. Where students qualify to do the project option, permission to take it will be granted only if supervision is available.

**SOC818 Evaluation and the Policy Process**

*4 pg cp*

The unit objectives are:

1. Situate evaluation in relation to the rest of the policy process;
2. Introduce students to the history of program evaluation;
3. Introduce students to some of the principal and most influential program evaluation approaches;
4. Develop an awareness of the politics of evaluation;
5. Develop an awareness of the ethical issues involved in evaluation;
6. Develop a basic methodological awareness of how to undertake program evaluation.

**SOC825 Institutional Design***4 pg cp*

This unit examines the implications of new approaches to governing (“governance”) for principles of institutional design. Aspects of governance that will be considered include: contracting out, devolution, marketisation and others. The relationship between the ideas of institutional design and policy will be discussed, and consideration will be given to normative and practical principles for institutional design qualitative and quantitative research methods.

**SOC830 Research Design Practicum***4 pg cp*

This unit, undertaken in the first semester, is designed to provide participants with an understanding of the principles which underlie the design of effective social research projects. It is intended to assist in the development of technical skills that will enable students to evaluate research undertaken by others, as well as to develop and undertake research projects of their own.

**SOC831 Qualitative Methods***4 pg cp*

The unit examines how social research is undertaken and provides an opportunity to develop practical skills collecting, analysing and presenting data to address essential research questions. The course introduces participants to a wide range of qualitative and quantitative research methods, adopting a hands-on approach to provide an opportunity to develop research skills and a critical perspective of the research process itself.

**SOC863 Policy and Practice in the Human Services***4 pg cp*

This unit introduces students to research on human service types and models, reviewing developments in policy, practice, organisation and funding. It is intended to develop applied policy analysis perspectives and skills. The unit is particularly suitable for policy analysts, program managers, service managers and professionals working in the human services.

**Macquarie Graduate School of Management****MGSM990 Quantitative Research Methods in Management***8 pg cp*

This unit reviews and develops candidates’ skills in selecting, performing and interpreting quantitative analysis of data. In addition, the unit aims to develop an understanding of the limitations of quantitative analysis. On completion of this unit, candidates will be able to:

- Specify research questions and hypotheses to test their research questions;
- Develop appropriate measures for constructs;
- Design specific and effective survey instruments, and enter and analyse data from survey instruments;
- Choose between, apply and interpret statistical techniques for the analysis of data; and
- Develop a basic understanding of a variety of sophisticated data analysis techniques, and when they are relevant.

**MGSM991 Qualitative Research Methods in Management***8 pg cp*

This unit reviews and develops skills in qualitative analysis of data, including its limitations and how it may be made more rigorous. On completion of this unit, candidates will be able to:

- Design and carry out a study using qualitative research techniques;
- Choose between alternative field research methods;
- Analyse texts and other media using qualitative techniques.

**MGSM992 Literature Survey and Criticism***8 pg cp*

The aim of this unit is to enable the candidate to deliver a comprehensive literature review suitable for their dissertation. On completion of this unit, candidates will be able to:

- Identify the central problems being tackled in a field of study;
- Summarise the contributions in the field;
- Synthesise these contributions into a coherent and critical account of the course and state of knowledge;
- Present their findings in a suitable literary style.

**MGSM994 Management Research and Investigation***8 pg cp*

The unit provides candidates with an understanding of the nature of management research as a special form of social science research. On completion of this unit candidates should be able to:

- Describe the stages in the research process;
- Identify the key issues that need to be addressed at each stage of the research process;
- Develop a research proposal; and
- Identify different research paradigms.