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Course synopses

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Course synopses

General Information

This section contains information on each course approved for the University's teaching program for this year. A course is the smallest component of a program of study for which a separate final grade is awarded. The University reserves the right not to offer any course. If this occurs, students should consult their Faculty on the selection of a substitute course.

All students must ensure that courses selected are appropriate for their level of study and that they have satisfied the pre-requisite, co-requisite and other requisite requirements for each course. Careful reading of the Program Structures and Recommended Enrolment Patterns in the relevant sections of the Handbook (http://www.usq.edu.au/handbook/current/) provide this information. Students should consult their Faculty if in doubt.

Synopses and course specifications included in the introductory course materials are correct at the time of publication. Alternatively, current versions of the synopses and course specifications are available online. .

Legend

The five letters in brackets after the Course Title represent the academic group (faculty or department) which runs a course:	
FOART	Faculty of Arts
FOBUS	Faculty of Business
FOEDU	Faculty of Education
FOENS	Faculty of Engineering and Surveying
FOSCI	Faculty of Sciences
KUMBN	Kumbari/Ngurpai Lag
LTSUN	Learning and Teaching Support Unit
OFFRE	Office of Research and Higher Degrees
The following abbreviations are also used:	
EXT	Available externally
ONC	Available on-campus
WEB	Available via the Internet
Toowoomba	Toowoomba campus
Springfld	Springfield campus
Fraser Cst	Fraser Coast campus

ACC1101 ACCOUNTING FOR DECISION-MAKING (FOBUS - UGRD)

Units 1.0 (Accounting) Band 3A

This course introduces students to the complex world of commerce. It emphasises the practical and functional nature of business deci sions from the perspective of financial accounting; managerial costing and budgetary policies; investing; and financing of business opera tions. Designed to provide a solid foundation for further study in both accounting and non-accounting disciplines, the course provides a logical introduction to the accounting environment and to the common financial accounting (external) reports and management accounting (internal) tools used for decision-making purposes. As it is important to develop an understanding not only of how the accounting reports are used, but how they are derived, the course also addresses the procedures underlying their preparation. As the course assessment includes online tests, students will require Internet access to UCon nect. Access to a valid email account will also be required.

ACC1102 FINANCIAL ACCOUNTING (FOBUS - UGRD)

Units 1.0 (Accounting) Band 3A

Pre-requisite: ACC1101

This course follows on from ACC1101, in which you learnt about the accounting cycle through the use of a manual accounting system. In this course you will build upon your knowledge by studying the use of a computerised accounting system (MYOB AccountRight Enterprise v. 19). You will work on a detailed case study in which you create a company file, set up a chart of accounts, record business transactions and adjusting entries and produce financial reports. The emphasis in the case study is on the design of the system, which must be able to produce detailed information for managers, statutory reports (such as a Business Activity Statement) and summary financial statements. In this course you will also consider the information provided by re porting entities through their financial statements (balance sheet, statement of comprehensive income, statement of changes in equity and statement of cash flows). You will study a number of specific accounting standards and generally accepted accounting principles (GAAP) in this course, including accounting for inventory, receivables and long-term assets, such as property, plant and equipment, intan gible assets and goodwill. Finally, you will be required to prepare each of the financial statements and understand and apply the recognition, measurement and disclosure requirements of the account ing standards and GAAP (for example, revenue recognition). Formerly ACC2103.

ACC2113 MANAGEMENT ACCOUNTING I (FOBUS - UGRD)

Units 1.0 (Accounting) Band 3A

Pre-requisite: ACC1101

This course focuses on the provision and use of management ac counting information for planning, control and decision making. The course encourages an understanding of the management accounting function within an organisation by taking a business value chain perspective. The process of budgeting (operational and financial) and standards as an aid to management in planning and controlling business activities is explored. Also included is an analysis of cost behaviour, absorption and variable costing, a study of the principles of job and process costing systems, the application of activity based costing, as well as other facets of management accounting which support decision making.

ACC2115 COMPANY ACCOUNTING (FOBUS - UGRD)

Units 1.0 (Accounting) Band 3A

Pre-requisite: ACC1102 or ACC2101 or ACC2103

This course is designed to enable students to acquire basic skills of company accounting. Topics covered include the application of ac counting entries for setting-up a company, alteration of capital, mergers, take-over, amalgamations; tax effect accounting; the pre sentation of accounts including consolidated statements for holding companies, (including foreign subsidiaries and associated compa nies); liquidations of companies; and equity accounting for associate companies. Formerly ACC3115.

ACC3040 SUSTAINABLE BUSINESS (FOBUS - UGRD)

Units 1.0 (Accounting) Band 3A

Pre-requisite: ACC2113

This course is based on Environmental Management Accounting (EMA) principles, to facilitate business sustainability. EMA serves as a mechanism to identify and measure the full spectrum of environ mental costs relating to business activities and the financial costs and benefits of pollution prevention or cleaner processes, and to in tegrate these costs and benefits into day-to-day business decision-making. As such EMA has an internal company-level function and focus, rather than being a tool used for reporting and disclosing envi ronmental costs to external stakeholders. It provides a basis upon which managers can make capital investment decisions, costing de terminations, process/product design decisions, performance evalu ation and many other decisions that direct future business direction. While it is not strictly bound by the AASB standards required for finan cial accounting and reporting, much of this internal information still needs to support a businesses' financial accounting system as it will flow through to financial reports and disclosures.

ACC3041 SUSTAINABLE ACCOUNTING AND FINANCE (FOBUS - UGRD)

Units 1.0 (Accounting) Band 3A

Pre-requisite: ACC3116 and FIN1101

Business is now under increasing scrutiny by both the public and governments and is being called to account for activities that have social and environmental implications. Fundamentally however, the business objective of profitability and thus maximising returns to shareholders must still apply, hence the triple bottom line approach where business needs to be managed both for public benefit and private good. This course focuses on the external reporting aspects of corporate social and environmental sustainability. It begins by ex amining the ethical considerations and corporate social responsibility issues of environmentally sustainable and unsustainable business practices. This theme is embedded in an exploration of business activities including how investors and lenders evaluate the sustain ability of business activities before committing funds; the issues sur rounding the reporting of environmental impacts of a business's op erations and its sustainability initiatives to external stakeholders on a voluntary and legislative basis; the processes and methods by which these external reports can be verified for accuracy and integrity; and the internal and external issues that are likely to challenge sus tainable business strategy in the future.

ACC3101 ACCOUNTING INFORMATION SYSTEMS (FOBUS - UGRD)

Units 1.0 (Accounting) Band 3A

Pre-requisite: ACC1102 and CIS1000

This course takes a cost contracting approach to analysing accounting information systems, although other perspectives on firms and infor mation systems are also considered. Drawing on the theory of the firm (Coase 1937) and agency theory (Jensen and Meckling 1976, Fama and Jensen 1983), the course examines the role of accounting information systems in monitoring and controlling contracting and agency relationships between the various economic actors in business firms, and in supporting contracting relationships beyond the bound aries of the firm. It focuses on the design of accounting information systems in the context of a business operation with an emphasis on the design of controls and control systems to mitigate against the threats induced by agency based relationships and through intentional and unintentional error. Throughout the course these topics are considered in the context of recent major changes in the business environment, such as globalisation of world economies, sustainability and advances in technologies such as the Internet and telecommuni cations. Students are taught how to 'find out' about these changes and to analyse them in an information systems context. This analysis will equip students to understand how accounting information systems operate to support the internal and external functioning of firms, and how to make best use of them. Since accounting information systems are at the heart of most business information systems, the course focuses on three major transaction processing cycles viz general ledger/reporting, revenue and expenditure.

ACC3114 MANAGEMENT ACCOUNTING II (FOBUS - UGRD)

Units 1.0 (Accounting) Band 3A

Pre-requisite: ACC2113

This course comprises an extension of some topics studied in Man agement Accounting I, as well as an expansion into other areas. Extensions include pricing decisions, customer profitability analysis and joint product costing. Quantitative models such as PERT/Cost budgeting and linear programming are introduced. The course also explores impacts on Management Accounting of contemporary management philosophies and techniques in relation to JIT, quality, transfer pricing, performance measurement and questions the rele vance of various aspects of traditional management accounting.

ACC3116 ACCOUNTING AND SOCIETY (FOBUS - UGRD)

Units 1.0 (Accounting) Band 3A

Pre-requisite/Co-requisite: ACC2113 and ACC2115

This course introduces students to the theory that is integral to finan cial accounting practice. Using established accounting theories, the factors or incentives that exist for preparers of financial reports are investigated. These factors require consideration when making finan cial reporting decisions or evaluating the decisions of others. The primary objective of this course is to enhance students' awareness of the issues surrounding decision making in relation to financial re porting practice. This includes an investigation of the popular theories and evidence in regard to financial reporting. The financial reporting issues addressed include the choice of accounting methods, voluntary disclosures, environmental performance reporting and the regulation of financial reporting.

ACC3118 AUDITING (FOBUS - UGRD)

Units 1.0 (Accounting) Band 3A

Co-requisite: ACC3115 or ACC2115

This course introduces the concepts and practices of company finan cial report audits within the assurance framework. It deals primarily with the process by which the external company auditor, within the Australian professional, ethical and legal framework, appraises and reports on the truth and fairness of the company's financial state ments. The course is oriented towards the auditing profession and, in keeping with current practice, adopts a risk-based audit approach and follows the Australian Auditing Standards that are based on the International Standards on Auditing. The course looks at how financial statement audits are conducted in computer-based and manual en vironments for selected systems. Limited practical exposure to audit ing is provided through requiring students to complete a case study as part of the assessment for the course.

ACC5202 ACCOUNTING (FOBUS - PGRD)

Units 1.0 (Accounting) Band 3A

In this course students are introduced to the accounting process. This includes the environment of accounting, the accounting elements, the recognition, measurement and recording of business transactions and events and the preparation of financial reports. Particular empha sis is placed on the recording, measurement and control of the major asset groups and the identification, function and measurement of lia bilities and owners' equity. Finally, the accounting process is extended to cash flow statements and the techniques of analysing and inter preting the information displayed in accounting reports.

ACC5213 COST AND MANAGEMENT ACCOUNTING (FOBUS - PGRD)

Units 1.0 (Accounting) Band 3A

Pre-requisite: ACC5202

This course focuses on the provision and use of management ac counting information for planning, control and decision making. The course encourages an understanding of the management accounting function within an organisation by taking a business value chain perspective. The process of budgeting (operational and financial) and standards as an aid to management in planning and controlling business activities is explored. Also included is an analysis of cost behaviour, absorption and variable costing, a study of the principles of job and process costing systems, the application of activity based costing, as well as other facets of management accounting which support decision making.

ACC5215 CORPORATE ACCOUNTING (FOBUS - PGRD)

Units 1.0 (Accounting) Band 3A

Pre-requisite: ACC5202

This course is designed to enable students to acquire basic skills of company accounting. Topics covered include the application of ac counting entries for setting-up a company, alteration of capital, mergers, take-over, amalgamations; tax effect accounting; the pre sentation of accounts including consolidated statements for holding companies, (including foreign subsidiaries and associated compa nies); liquidations of companies; and equity accounting for associate companies.

ACC5216 ACCOUNTING THEORY (FOBUS - PGRD)

Units 1.0 (Accounting) Band 3A

Pre-requisite/Co-requisite: ACC5213 and ACC5215

This course introduces students to the theory that is integral to finan cial accounting practice. Using established accounting theories, the factors or incentives that exist for preparers of financial reports are investigated. These factors require consideration when making finan cial reporting decisions or evaluating the decisions of others. The primary objective of this course is to enhance students' awareness of the issues surrounding decision making in relation to financial re porting practice. This includes an investigation of the popular theories and evidence in regard to financial reporting. The financial reporting issues addressed include the choice of accounting methods, voluntary disclosures, environmental performance reporting and the regulation of financial reporting.

ACC5218 AUDITING PRACTICE (FOBUS - PGRD)

Units 1.0 (Accounting) Band 3A

Pre-requisite: ACC5202 Co-requisite: ACC5215

This course introduces the concepts and practices of company finan cial report audits within the assurance framework. It deals primarily with the process by which the external company auditor, within the Australian professional, ethical and legal framework, appraises and reports on the truth and fairness of the company's financial state ments. The course is oriented towards the auditing profession and, in keeping with current practice, adopts a risk-based audit approach and follows the Australian Auditing Standards that are based on the International Standards on Auditing. The course looks at how financial statement audits are conducted in computer-based and manual en vironments for selected systems. Limited practical exposure to audit ing is provided through requiring students to complete a case study

ACC5502 ACCOUNTING AND FINANCIAL MANAGEMENT (FOBUS - PGRD)

Units 1.0 (Accounting) Band 3A

Accounting and finance knowledge is crucial in effectively managing organisations. This course aims to provide an understanding of ac counting and finance tools and concepts that would give you confi dence in using financial information when making decisions, in searching for financial information and in questioning financial infor mation provided. Covered will be the use and interpretation of financial reports and budgets to help plan, control and evaluate in today's business environment. The exploration of the consequent political and behavioural effects of the use of accounting and finance in organ isations will also be covered and this will help develop your under standing of accounting and finance in practice.

ACC7001 ETHICS AND GOVERNANCE (FOBUS - NONA)

Units 0.0 (Accounting) Band 3A

This non-award course provides tuition support for candidates enrolled in the core CPA Program Professional Level segment - Ethics & Governance. Ethics and Governance is a core component of the knowledge and skill base of today's professional accountants. It promotes awareness of the ethical responsibilities of professional accountants, thereby enabling them to identify and resolve ethical issues or conflicts throughout their career. It ensures professional accountants understand the importance of governance, including their role in achieving effective governance. It provides an understand ing of the role of accounting, and of accountants, in providing infor mation about the social and environmental performance of an organ isation.

ACC7002 STRATEGIC MANAGEMENT ACCOUNTING (FOBUS - NONA)

Units 0.0 (Accounting) Band 3A

This non-award course provides tuition support for candidates enrolled in the core CPA Program Professional Level segment - Strategic Management Accounting. This segment examines the role of the strategic management accountant in dynamic organisations operating in the global business environment. It develops the skills of the pro fessional accountant in creating, managing and enhancing value to the organisation through the use of various strategic management tools and techniques. It also discusses techniques for developing, implementing and monitoring strategies.

ACC7003 FINANCIAL REPORTING (FOBUS - NONA)

Units 0.0 (Accounting) Band 3A

This non-award course provides tuition support for candidates enrolled in the core CPA Program Professional Level segment - Financial Reporting. Financial Reporting is designed to provide candidates with financial reporting, technical accounting and business skills and values that are applicable in a professional and global environment. The primary aim is to develop transferable skills to prepare a set of general purpose financial statements in different jurisdictions. It en courages high quality financial reporting and the practice of strong ethical values in the accounting profession.

ACC8101 FINANCE AND ACCOUNTING FOR SUSTAINABILITY (FOBUS - PGRD)

Units 1.0 (Accounting) Band 3A

Business is now under increasing scrutiny by both the public and governments and is being called to account for activities that have social and environmental implications. Fundamentally however, the business objective of profitability and thus maximising returns to shareholders must still apply, hence the triple bottom line approach where business needs to be managed both for public benefit and private good. This course focuses on the external reporting aspects of corporate social and environmental sustainability. It begins by ex amining the ethical considerations and corporate social responsibility issues of environmentally sustainable and unsustainable business practices. This theme is embedded in an exploration of business activities including how investors and lenders evaluate the sustain ability of business activities before committing funds; the issues sur rounding the reporting of environmental impacts of a business's op erations and its sustainability initiatives to external stakeholders on a voluntary and legislative basis; the processes and methods by which these external reports can be verified for accuracy and integrity; and the internal and external issues that are likely to challenge sus tainable business strategy in the future.

ACC8104 ENVIRONMENTAL MANAGEMENT ACCOUNTING (FOBUS - PGRD)

Units 1.0 (Accounting) Band 3A

Concerns about the survival of planet earth and the role played by organisations in creating a sustainable environment have triggered the need for information that is useful for formulating strategy and making decisions. This course is designed to provide the necessary skills for managers to obtain such information. It will help decision makers incorporate environmental costs in their management of processes and products, supply chain, investment, performance ap praisal and greenhouse emissions trading. Environmental manage ment accounting allows decision makers to access information which may lead to increased cost savings and reductions in an organisa tion's environmental impact. With the skills provided in this course managers will have the opportunity to increase their organisation's performance both in financial and environmental terms.

ACC8105 FINANCIAL STATEMENT ANALYSIS (FOBUS - PGRD)

Units 1.0 (Bank,Fin&Rel Flds not class) Band 3A

Financial statements are used extensively in decision making. People use financial statements to help them make decisions about share trading and about making and reviewing lending decisions. This course introduces students to techniques that will help them make informed decisions when using financial statements. We use financial analysis techniques to assess the quality of the accounting information provided, to derive the value of a company and to make sound finan cial forecasts.

ACC8106 FORENSIC ACCOUNTING (FOBUS - PGRD)

Units 1.0 (Accounting) Band 3A

In an environment of increasing corporate collapse many organisa tions are turning to professionals with forensic investigation skills. Executives and senior management are becoming more aware of the need to incorporate forensic accounting as part of their corporate governance strategy to combat fraud and corruption. This course will provide students with an understanding of how fraud can lead to or ganisation loss and possible failure. Students will gain appropriate forensic investigation skills and techniques in order to be able to un dertake a forensic examination within an organisational context. In addition the course will highlight inadequacies in organisations' control systems and how to adequately design controls to mitigate against fraud. By undertaking this course you will also personally gain skills that allow you to scrutinise published financial statements before making investment decisions.

AGR2301 AGRICULTURAL SCIENCE (FOENS - UGRD)

Units 1.0 (Agricultural Science) Band 2

A knowledge of agricultural systems is important to professionals in earth and biological science, arts, agriculture and environmental en gineering. This is an introductory course in agricultural plant morphol ogy and physiology, grazing and cropping systems, animal production systems, integrated pest management, production economics and agricultural systems management. It also discusses the physical, economic and social constraints to land use and agricultural produc tion, the processes of land degradation, and the principles of property management planning and sustainable farming system management.

AGR2302 AGRICULTURAL MACHINERY (FOENS - UGRD)

Units 1.0 (EnginTech not classified) Band 2

Machinery is an important component of any farming system, and an understanding of its specification, operating principles and perfor mance is essential for engineers involved in agriculture. This course examines the functional requirements of the major groups of machin ery and investigates the engineering principles and subsystems which underlie their operation. It develops the knowledge and skills neces sary to analyse and predict machine performance, and to advise and assist farmers in the choice and efficient operation of a wide range of machinery. It also includes discussion of energy resources and uses in agriculture and recent research and developments in precision agriculture. Tractor stability, safety, testing and performance are in vestigated, and tillage, planting, spraying and harvesting machinery are described and analysed. Methods for the rational selection of the machinery components of a farming system are outlined. The design of machinery subsystems is described. The thermodynamics of grain drying and controlled environments are also investigated. The course uses field work with tractors and other machinery to show how the theory is related to practice.

AGR2902 FIELD PRACTICE (FOENS - UGRD)

Units 0.0 (Environmental Studies not else) Band 2

Agricultural and Environmental Engineers require a practical under standing of the operation of rural industries and the environmental constraints and impacts associated with the industries. This residential school will provide students with an introduction to natural resource and production management issues faced by a variety of rural enter prises. In particular, commercial examples will be presented to high light the physical, economic and social constraints to rural industry development, environmental issues associated with the industry de velopment, the processes of land degradation, and the principles of property management planning and sustainable land management

AGR3303 AGRICULTURAL MATERIALS AND POST-HARVEST TECHNOLOGIES (FOENS - UGRD)

Units 1.0 (EnginTech not classified) Band 2

The handling, grading, storage, packaging and processing of agricul tural produce are all important parts of the agricultural production and distribution system and frequently involve costs in excess of those associated with simply growing the crop. A knowledge of, the physiological, physical, thermal, aerodynamic, rheological, electrical and optical properties of agricultural materials is highly relevant to these areas. Such knowledge may be used for the purposes of devis ing techniques for grading, sorting, separation and the design of packaging to prevent possible product damage. Post harvest treat ments against pests and diseases are considered as well as modified atmosphere storage and controlled atmosphere storage for extending shelf life. The fundamentals of waste management and life-cycle environmental assessments and some basic aspects of food process ing technology are also considered.

AGR3304 SOIL SCIENCE (FOENS - UGRD)

Units 1.0 (Soil Science) Band 6

A knowledge of soils as a resource in both natural and agricultural ecosystems is important to science, arts, education and engineering professionals involved in the sustainable management of biological systems. This introductory course focuses on soils as a medium for plant growth and investigates the nature and role of the soil chemical and physical properties, clay mineralogy, and soil biology as limiting factors on soil fertility. It also provides a comprehensive investigation of the processes of soil formation and the methods of soil description and classification. Both the physical and chemical processes of soil degradation are investigated and management practices to prevent, ameliorate and rehabilitate degraded land are discussed.

AGR3305 PRECISION AND SMART TECHNOLOGIES IN AGRICULTURE (FOENS - UGRD)

Units 1.0 (Agriculture) Band 2

Farmers have long recognized that variability exists within individual production units. Traditional practices dictate that producers treat the entire area the same. With the advent of the Global Positioning Sys tem (GPS) it is now possible to vary inputs in accordance with lo calised conditions. Coupled with the capacity to monitor a variety of parameters, producers are now able to manage variability and opti mise production. This course is designed to provide students with an introduction to the essential procedures and tools for collecting, or ganising, interpreting and presenting geographically referenced pro duction data.

AGR3903 SOIL AND WATER ENGINEERING PRACTICE 2 (FOENS - UGRD)

Units 0.0 (Soil Science) Band 6

Agricultural and Environmental Engineers require a practical under standing of the processes governing soil and water behaviour in the environment. This course provides students with a practical introduc tion to the factors influencing soil formation and the techniques asso ciated with the field description and classification of soils. Laboratory classes will be conducted to enable students to identify major factors influencing soil chemical and physical properties. Field measurement of important soil/water parameters and processes such as soil moisture content, infiltration, hydraulic conductivity and aquifer transmissivity will be undertaken. The course will also build on the hydraulics undertaken in the earlier soil and water practice course particularly in the areas of varied and unsteady flows.

AGR3905 AGRICULTURAL ENGINEERING PRACTICE (FOENS - UGRD)

Units 0.0 (EnginTech not classified) Band 2

Agricultural Engineering is a discipline which is strongly oriented to the practical needs of all involved in agriculture. Students need to understand the practical application of theories and develop skills in the identification and solution of problems. This course presents a coordinated set of activities which relate to three courses (AGR2302, AGR3303 and AGR4305) and will reinforce and develop an under standing of their content and their application to real world situations.

AGR4305 AGRICULTURAL SOIL MECHANICS (FOENS - UGRD)

Units 1.0 (EnginTech not classified) Band 2

Agriculture machinery interacts with soils in a number of ways, and so the processes of tillage, traction and compaction are of vital interest to engineers involved in agriculture. This course investigates these processes by developing a detailed understanding of the response of soils to imposed stresses and their resulting deformations and modes of failure. A theoretical framework that explains and describes the action of tillage tools, the development of tractive forces, and the process of soil compaction is established. Methods for accessing and describing soil structure, and efficient operation of soil engaging tools are discussed and linked to plant growth and crop yield. The process of soil compaction and the practice of controlled traffic will also be reviewed.

ANP5001 INTRODUCTION TO RURAL AND REMOTE NURSING PRACTICE (FOSCI - PGRD)

Units 1.0 (Nursing not classified) Band 4

Pre-requisite: Students must be enrolled in one of the following Programs: MNRS or PCNP or PDEV or SING

This course contains three modules of study which together provide registered nurses with a detailed exploration of the context of rural and remote area practice including the legal, ethical and professional frameworks; an awareness of cultural safety principles, and an under standing of the primary health care and social justice approaches to rural and remote area health care delivery.

ANP5002 IMMUNISATION NURSING (FOSCI - PGRD)

Units 1.0 (Nursing not classified) Band 4

This course focuses on providing students with the knowledge and skills required for the management of immunisation programs for adults and children across a wide clinical spectrum. It offers registered nurses the opportunity to integrate and apply Health Management Protocols and Drug Therapy Protocols along with relevant immunisa tion theory to their clinical practice. Students will be required to un dertake a minimum of six hours of supervised clinical practice at an approved Immunisation Clinic. On successful completion of this course students may be eligible to apply for authorisation to practice under the Immunisation Program Drug Therapy Protocol.

ANP5003 EMERGENCY CARE (FOSCI - PGRD)

Units 1.0 (Nursing not classified) Band 4

Pre-requisite: Students must be enrolled in one of the following Programs: MNRS or PCNP or PDEV or SING

This course specifically focuses on emergency nursing care of adults and children in rural and/or remote contexts. Within this context, ad vanced nursing skills are essential to ensure optimum outcomes for the client. These skills ensure that timely, appropriate assessment, intervention and referral for continuity of care occur in the absence of support services. This course is designed to embed advanced nursing practice skills and graduate skills to promote critical thinking and decision making for autonomous and accountable practice, within specified legal parameters. Students are required to complete four (4) weeks of clinical experience organised as two placements of two (2) weeks duration if they are not currently working in a rural or remote nursing setting or emergency care area. Students who are currently employed in an emergency care area but not in a rural or remote setting will be required to undertake at least two (2) week of clinical placement outside of their current practice setting. Students who currently work in a rural and remote emergency care area will be required to undertake one week of clinical experience. All students while on clinical will be required to undertake and be assessed in the skills of Advanced Life Support, Cannulation and Suturing.

ANP5004 EMERGENCY MENTAL HEALTH AND REPRODUCTIVE HEALTH CARE (FOSCI - PGRD)

Units 1.0 (Nursing not classified) Band 4

This three module course focuses on the legal parameters of rural and remote practice initially, followed by the emergency management of clients with mental health problems relevant to rural and/or remote contexts. Reproductive health concerns are addressed in the third module of the course, together with appropriate nursing responses to clients and their partners (where appropriate) in the face of repro ductive health problems. The course also provides the opportunity for registered nurses to demonstrate advanced competence in com munication skills and collaborative practice. Students are required to complete a minimum of eight days of clinical experience, comprised of five days in a mental health service and three days at a sexual/re productive health clinic as part of this course.

ANP8001 CULTURAL AWARENESS AND SAFETY (FOSCI - PGRD)

Units 1.0 (Nursing not classified) Band 4

Pre-requisite: Students must be enrolled in one of the following Programs: MNRS or MNRH or PDEV or SING or MMPO or MMHN.

This course will explore the various aspects of culture and their impact on communities in terms of health care needs and provision. In par ticular, it will examine in detail the culture of Aboriginal and Torres Strait Islander peoples and how this impacts upon the delivery of health care to these communities. Further, nurses working in commu nities with a culturally diverse background, need to be able to deliver their care in a culturally safe manner. This course will provide knowledge that will be applied to the practice context to facilitate the professional behaviours needed for culturally safe and appropriate nursing and health care delivery.

ANP8003 MANAGEMENT IN HEALTH CARE PRACTICE (FOSCI - PGRD)

Units 1.0 (Nursing not classified) Band 4

Pre-requisite: Students must be enrolled in one of the following programs: MNRS or MNRH or PDEV

This Masters level course provides healthcare professionals with the opportunity to reflect on the leadership and management aspects of their role and apply theoretical knowledge to the realities of leadership and management practice in health care.

ANT1000 WORLD ARCHAEOLOGY: AN INTRODUCTION (FOART - UGRD)

Units 1.0 (Archaeology) Band 1

This course examines our understanding of the biological and cultural evolution of our species. In order to do this, the prehistory of human ity and their ancestors is considered, using an evolutionary approach. The perspective throughout this course is derived from the fields of Archaeology and Paleoanthropology. The course's approach is ex plicitly Anthropological.

ANT1001 INTRODUCTORY ANTHROPOLOGY (FOART - UGRD)

Units 1.0 (Anthropology) Band 1

The study of human communities, their societies and cultures, is approached through the perspectives of Cultural Anthropology and students are presented with the major theories, concepts and debates of this field of study. Students will also read a variety of material representing the current diverse interests and concerns of anthropol ogists.

ANT2002 ANTHROPOLOGY OF ILLNESS AND HEALTH (FOART - UGRD)

Units 1.0 (Anthropology) Band 1

Pre-requisite: ANT1001

This course provides an overview of a wide range of factors which collectively determine individual and community health status. The perspective taken is predominantly biocultural focusing on human adaptations and human development and providing a cross- cultural and comparative framework for considering the health of our species as a whole. Most of the material discussed comes from the field of Human Biology and Medical Anthropology.

ANT2007 ETHNOGRAPHIC METHODS: MAKING ANTHROPOLOGY (FOART - UGRD)

Units 1.0 (Anthropology) Band 1

Ethnography is the principle research tool of Anthropology. We find out about things through research; it provides answers to questions about ourselves, other people, and the wider world. Social research collectively is research which is carried out to provide answers to questions about people and the social and cultural settings and sys tems which they participate in, telling us about differing social and cultural worlds. Ethnographic research is characterised by the central role of the researcher and the use of multiple methods of data collec tion, involving participant observation and interaction to describe people and their cultures and societies, both in the contemporary world and in the past. This is done so that we may come to under stand people's behaviour, and its origins and effects, as well as re vealing the qualities and meanings which people attach to themselves, to other people, and to the things in the world around them. It arrives at this understanding not only by measuring phenomena, but also by talking to and observing people, and by studying their cultural and social products, the documents and artefacts which they create. All of these are considered within the contexts of wider social and cultural settings. This holistic framework allows enquiry into the depth, rich ness, and complexity of human behaviour, understanding, and expe rience. This course allows students to experience and gain awareness of these important means of coming to acquire accurate knowledge of humans and their creations.

ANT3000 ARCHAEOLOGY OF INDIGENOUS AUSTRALIA (FOART - UGRD)

Units 1.0 (Anthropology) Band 1

Pre-requisite: (ANT1000 and ANT1001) or ANT2000 or ANT2007

This course will address the major issues and examine the archaeo logical evidence relating to Australian "prehistoric" archaeology, in cluding initial colonisation of the continent, environmental history, the pattern of Pleistocene adaptations and late Holocene Change. The course will also address theoretical approaches as case studies and deal with the problems associated with the practice of archaeology as it relates to "living cultures". It is felt that this course will provide an essential background for those interested in pursuing an archae ology career as a sub-discipline within anthropology or for those with a general interest in Australia's human past.

ANT3001 ANTHROPOLOGY OF ORDER: MAKING SENSE (FOART - UGRD)

Units 1.0 (Anthropology) Band 1

Pre-requisite: ANT1001 and any Second Level ANT course

This course introduces students to concepts, theories, examples and case studies, all of which help us to understand how Culture operates and allows humans to acquire and pass on knowledge and to make sense of the world. Culture, and the order embedded within it allow us to exist and interact in our worlds. It is Culture which makes human life, as we know it possible. Particular attention is given to the ordering of relationships of people within groups and the organisation of groups within society. This course is based predominantly on cultural anthro pology, but borrows also from the disciplines of sociology and psy chology.

ANT4001 ADVANCED CONTEMPORARY ANTHROPOLOGICAL THEORY (FOART - UGRD)

Units 2.0 (Anthropology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BAHN or MSTA

This course aims to provide a more detailed and in-depth survey of the major anthropological theoretical approaches of the later 20th century onward. Building on the major historical themes of theory development in anthropology as outlined in ANT3001, this course will provide an understanding of the more recent development of theory in the discipline including, feminism, neo-Marxism, critical theory, post-structuralism and post-modernism. Students will use the assessment in this course to develop the theoretical basis for their particular Honours topic.

ANT4002 CONTEMPORARY ISSUES AND DEBATES IN ANTHROPOLOGY (FOART - UGRD)

Units 1.0 (Anthropology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BAHN or MSTA

This course examines central themes in contemporary anthropology today including key debates such as the issues of whether anthropol ogy is primarily an explanatory or interpretive enterprise, positivism and relativism; the nature of culture; and the relationship between anthropologists and the people they study. Case studies of important issues that have resulted in debate within the discipline will be exam ined in detail. Examples of topics to be examined include the Hind marsh Island Bridge controversy, the Chagnon/Tierney Yanomami issue and the Sahlins/Obeysekere debate about Lono and the meaning of the death of Captain Cook in Hawaii.

BCA3000 BCA PROJECT A (FOART - UGRD)

Units 1.0 (Creative Arts not elsewhere cl) Band 1

This course seeks to explore at an advanced level the intersection between theory and practice in the creative arts. The emphasis will be primarily on practice with a view to identifying and articulating the discoveries made through experiential methodologies in order to develop discipline expertise in the Creative Arts student.

BCA3001 BCA PROJECT B (FOART - UGRD)

Units 1.0 (Creative Arts not elsewhere cl) Band 1

Pre-requisite: BCA3000

This course seeks to explore at an advanced level further intersec tions between theory and practice in the creative arts. Commencing from the primary perspective of the arts practitioner, the student will identify, research and articulate how practice and theory informs or might inform hybrid and/or discipline specific projects. This course seeks to increase the students' ability to contribute to scholarly output in their field by motivating and encouraging further practice, research and lifelong learning beyond their degree program.

BCA3002 ARTS BUSINESS PRACTICE (FOART - UGRD)

Units 1.0 (Creative Arts not elsewhere cl) Band 1

This course introduces students to procedures for planning, funding, managing and marketing their arts practice.

BCA8000 AESTHETIC DIMENSIONS (FOART - PGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

Pre-requisite: Students must be enrolled in the following Program: MSTA

Aesthetics, expression, imitation, beauty, form, style, content, context and genre are all key elements in creative praxis. The use of these may vary between artistic disciplines, however, these elements bind together to engage how we describe, prescribe and inscribe the practice of art-making. The ways in which art is used to express perceptions of phenomenon from ancient to Marxist aesthetic lenses will be explored. Enrolment is restricted to Masters students, and cross-disciplinary enrolments are encouraged.

BCA8001 CRITICAL AND CREATIVE THINKING (FOART - PGRD)

Units 1.0 (Visual Arts and Crafts) Band 1

Pre-requisite: Students must be enrolled in the following Program: MSTA

The course is designed to develop the critical and creative thought processes of the student, including the application of this process to practical tasks relevant to specific student requirements

BIO1101 BIOLOGY 1 (FOSCI - UGRD)

Units 1.0 (Biological Sciences not elsewh) Band 6

This course provides a brief history to life on earth, introduces the characteristics and diversity of organisms and provides a comprehen sive foundation in cell structure and function, energy transformations (photosynthesis and respiration), genetics and an introduction to the evolution of animals and the tissue and organ systems of animals. The course concludes with an exploration of evolution - the process by which organisms change over time. The scientific method is used to design, perform and interpret the results of experiments in biology. The residential school is a compulsory component of the external offering of this course.

BIO1103 PATHOLOGY STUDIES (FOSCI - UGRD)

Units 1.0 (Pathology) Band 4

This course provides the essential details of the methodology that can be used to investigate the functionality of major systems of the human body. The course provides the basis on which the health status of the human body can be determined. The basis for undertak ing biochemical, haematological and histological investigations will be explored at an introductory level.

BIO1104 MEDICAL MICROBIOLOGY AND IMMUNOLOGY 1 (FOSCI - UGRD)

Units 1.0 (Microbiology) Band 6

This introductory study in medical microbiology and immunology is aimed at providing knowledge to professionals on the relevance of this subject to different fields of biomedical science and specifically with respect to infectious risk. Explored in this course are the history and diversity of microorganisms, cell structure and function, metabolism and growth, genetics of microbes and its relevance to different areas of biomedical science including investigation of the nature of interactions of bacteria, viruses, fungi with humans and their impact on public health. The course also introduces fundamental concepts of immunology with respect to how a host defends itself against an infectious insults and includes concepts of innate and acquired immune responses. A residential school is a compulsory component of this course.

BIO1203 HUMAN ANATOMY AND PHYSIOLOGY (FOSCI - UGRD)

Units 1.0 (Human Biology) Band 6

An organ systems approach is used in this course to study the anatomy and physiology of healthy people. Body systems covered in this course include cardiovascular system, blood, lymphatic and immune systems, respiratory system, digestive system, urinary sys tem, integumentary system, musculoskeletal system, and an intro duction to the nervous and endocrine systems. The residential school is a component of the external offering of this course.

BIO1204 INTRODUCTION TO BIOMEDICAL SCIENCES (FOSCI - UGRD)

Units 1.0 (Human Biology) Band 6

The course will cover the fundamental concepts that allow a complex organism to function, with a key focus on humans. Key concepts in clude the control of body function including homeostasis, the function ing of the nervous system, nutrient processing, and the changes that occur in normal ageing independent of disease. The aim is to present a comprehensive overview of how structure and function are integrat ed at all levels from the cell to the organism. A residential school is a compulsory component of this course.

BIO1205 PATHOLOGY CLINICAL PLACEMENT 1 (FOSCI - UGRD)

Units 1.0 (Human Biology) Band 6

Pre-requisite: BIO1103 and BIO1104

This course provides students with an opportunity to commence to apply their specialised subject knowledge and academic skills to a practical situation in order to prepare them to successfully work in a clinical pathology laboratory environment. It allows students to im prove their learning by the application of the theoretical concepts and skills theories and graduate skills developed into a clinical laboratory setting and within a team environment. It will encourage a reflective approach to the development of their workplace skills. It is envisioned that the work experience will enhance the student's post-graduation employment prospects. Students intending to enrol in this course should communicate with the program coordinator well in advance of the first week of the semester in order for USQ Student Services to identify a suitable placement within a clinical pathology laboratory. The course is offered in S2. Following discussion with the pathology laboratory industry partner and the course examiner, students are required to provide a detailed project outline that is to be submitted to the course examiner prior to commencement of the placement. Part-time students that are in employment may define a project in consultation with their employer and discussion with the course ex aminer. However, the project is to be unrelated to their usual work place activities. Students who enrol in this course cannot request an exemption based on grounds of professional experience. The normal workload for this course is attendance of 13 days per semester by arrangement with a prescribed pathology laboratory during the teaching period in which the candidate is enrolled. 1. Pathology Clinical placements Pathology clinical placements are an integral component of the Bachelor of Health (Laboratory Medicine) program. The Pathology Clinical Placements enable students to gain practical experience in a workplace setting. However, as this is a workplace setting students must be aware of the privacy and confidentiality is sues that are associated in such an environment. Students undertak ing clinical pathology clinical placements must undertake Queensland Health Orientation training and sign deeds relating to placement re quirements and privacy. The Department of Biological and Physical Sciences will provide an orientation package for students relating to clinical placements. Students will be required to acknowledge that they have read the orientation package prior to commencing Pathol ogy Clinical placements. Students who attend Pathology Clinical Placement and found to breach the deeds will receive a fail grade in the course. 2. Queensland Health Clinical Placement guidelines and Checklist QHealth provides a detailed summary of Clinical Placement Guidelines. You are required to have read this material and you must complete the 'Student Checklist'. The signed checklist must be handed in to the Faculty Office annually. The Guidelines and Student Checklist can be downloaded from the QHealth website http://www.health.qld.gov.au/SOP/default.asp 3. Deed Polls These are found at the Q Health website http://www.health.qld.gov.au/SOP/default.asp under Supervision Placement. They consist of: Placement Requirements Privacy and Consent Both of these must be signed, witnessed and returned to the Faculty Office prior to Clinical Placement. They are required to be signed once only during your student term.

BIO2103 BIOLOGY 2 (FOSCI - UGRD)

Units 1.0 (Biological Sciences not elsewh) Band 6

Pre-requisite: BIO1101

The nervous, endocrine, reproductive, cardiovascular, respiratory and renal systems of animals are introduced. This is followed by a study of the evolution and classification of plants and the morphology, anatomy, physiology and reproduction of flowering plants, The course concludes with an introduction to the principles of ecology. The resi dential school is a compulsory component of the external offering of this course.

BIO2105 PATHOLOGY CLINICAL PLACEMENT 2 (FOSCI - UGRD)

Units 1.0 (Pathology) Band 4

Pre-requisite: BIO1205

This course provides students with an opportunity to apply their specialised subject knowledge and academic skills to a practical sit uation in order to prepare them to successfully work in a clinical pathology laboratory environment. It allows students to improve their learning by the application of the theoretical concepts and skills the ories and graduate skills developed into a clinical laboratory setting and within a team environment. It will encourage a reflective approach to the development of their workplace skills. It is envisioned that the work experience will enhance the student's post-graduation employ ment prospects. Students intending to enrol in this course should communicate with the program coordinator well in advance of the first week of the semester in order for USQ Student Services to identify a suitable placement within a clinical pathology laboratory. The course is offered in S1. Following discussion with the pathology laboratory industry partner and the course examiner, students are required to provide a detailed project outline that is to be submitted to the course examiner prior to commencement of the placement. Part-time students that are in employment may define a project in consultation with their employer and discussion with the course ex aminer. However, the project is to be unrelated to their usual work place activities. Students who enrol in this course can not request an exemption based on grounds of professional experience. The normal workload for this course is attendance of 13 days per semester by arrangement with a prescribed pathology laboratory during the teaching period in which the candidate is enrolled. 1. Pathology Clinical placements Pathology clinical placements are an integral component of the Bachelor of Health (Laboratory Medicine) program. The Pathology Clinical Placements enable students to gain practical experience in a workplace setting. However, as this is a workplace setting students must be aware of the privacy and confidentiality is sues that are associated in such an environment. Students undertak ing clinical pathology clinical placements must undertake Queensland Health Orientation training and sign deeds relating to placement re quirements and privacy. The Department of Biological and Physical Sciences will provide an orientation package for students relating to clinical placements. Students will be required to acknowledge that they have read the orientation package prior to commencing Pathol ogy Clinical placements. Students who attend Pathology Clinical Placement and found to breach the deeds will receive a fail grade in the course. 2. Queensland Health Clinical Placement guidelines and Checklist QHealth provides a detailed summary of Clinical Placement Guidelines. You are required to have read this material and you must complete the 'Student Checklist'. The signed checklist must be handed in to the Faculty Office annually. The Guidelines and Student Checklist can be downloaded from the QHealth website http://www.health.qld.gov.au/SOP/default.asp 3. Deed Polls These are found at the Q Health website http://www.health.qld.gov.au/SOP/default.asp under Supervision Placement. They consist of: Placement Requirements Privacy and Consent Both of these must be signed, witnessed and returned to the Faculty Office prior to Clinical Placement. They are required to be signed once only during your student term.

BIO2106 MEDICAL MICROBIOLOGY AND IMMUNOLOGY 2 (FOSCI - UGRD)

Units 1.0 (Microbiology) Band 6

Pre-requisite: BIO1104

The course builds on the level of understanding provided in BIO1104 Medical Microbiology and Immunology 1. There is an increased focus on diagnosis and control of infectious diseases in humans. Areas of specific emphasis include the nature of microbial virulence factors, antimicrobial therapy and mechanisms of resistance and a system approach to clinical infectious disease syndromes. Students will un dertake literature searches and report writing training by completing assignment tasks. Students will also be exposed to the theory and applications of conventional and molecular technologies for generat ing, organizing, analysing and interpreting complex microbiological data. Students will develop microbiological investigative and analytical skills and be able to provide technical reports and recommendations on the management of infectious disease syndromes. Specific Topics will be published in the course handbook.

BIO2107 CELL AND MOLECULAR BIOLOGY 1 (FOSCI - UGRD)

Units 1.0 (Biochemistry and Cell Biology) Band 6

Pre-requisite: CHE2120

The course is presented in two modules: in the first, the course intro duces the nature of gene organisation, replication and expression in both prokaryotic and eukaryotic systems. The course also provides an overview of molecular technologies, which includes: including re combinant DNA techniques; standard molecular methods such as Western Blot assays, PCR, rtPCR and real time PCR. These proce dures underpin state of the art research and medical diagnostic as says. Applications of this technology are discussed. In the second module course explores the nature of cellular ultra structure; protein post-translational modification and targeting; vesicle transport in cells; and regulation of the cell cycle.

BIO2108 HAEMATOLOGY 1 (FOSCI - UGRD)

Units 1.0 (Pathology) Band 4

Pre-requisite: BIO1103 and BIO1104

This course builds on the foundations obtained in course BIO1103 Pathology Studies. The course explores the nature of common ery throcytic disorders. The pathophysiology and clinical manifestations of blood disorders, together with an overview of therapeutic options will be investigated. The course will provide a solid background in the discipline so as to prepare candidates to undertake further ad vanced studies in haematology or to commence work in either a di agnostic or research setting.

BIO2201 BIOCHEMISTRY 1 (FOSCI - UGRD)

Units 1.0 (Biochemistry and Cell Biology) Band 6

Pre-requisite: CHE2120

Biochemistry may be considered as the description of life at the molecular level. The chemical and physical nature of structures and functions within living cells is studied. This course allows students to develop an understanding of the major classes of biochemical com pounds found in living organisms and the metabolism of these com pounds. Study of biochemistry is central to studies in biology, and in particular is related to studies in plant and mammalian physiology, microbiology, genetics, cell and molecular biology and bioinformatics. A series of practical classes is integrated with the lectures to allow students to further develop concepts covered in the lectures, and also to become familiar with use of materials and equipment commonly used in biochemistry laboratories.

BIO2202 PLANT PHYSIOLOGY (FOSCI - UGRD)

Units 1.0 (Botany) Band 6

Pre-requisite: BIO1101

The course is designed to inform a broad spectrum of students in plant science, wine science, biotechnology, ecology and education. The course examines essential processes in the life of plants: water uptake and transpiration; the nutrient requirements of plants; the ef fects of nutrient deficiencies; the transport of salts, sugars and other biomolecules within the plant; cell growth and development; the roles of plant hormones and the strategies adopted by plants to withstand environmental stresses. The residential school is a compulsory component for this course.

BIO2203 HUMAN PHYSIOLOGY (FOSCI - UGRD)

Units 1.0 (Biological Sciences not elsewh) Band 6

Pre-requisite: BIO1203 or BIO1204

This course provides the essential details of the physiology of the major systems of the human body including the musculo-skeletal, nervous, endocrine, blood, immune, circulatory, respiratory, renal, digestive and reproductive systems. The anatomy of each of the body organs will also be considered to the extent necessary to explain the structural arrangements within various systems.

BIO2207 GENETICS (FOSCI - UGRD)

Units 1.0 (Genetics) Band 6

Pre-requisite: BIO1101 and STA2300

The course presents the scientific basis of heredity. The principles of genetics play an increasingly important role in the modern world; in the breeding of improved crops and livestock, the conservation of endangered species and the genetic engineering of new products for agriculture or medicine. The course commences with an overview of Mendelian genetics and introduces concepts of importance to both plant and animal breeding. The theory and practice of manipulating and mapping the location of genes on chromosomes and the effects of mutations on gene expression are studied. The science of genetic engineering is briefly introduced. Changes in chromosome number and structure in plants (e.g. evolution of wheat) and animals (e.g. Downs Syndrome) are examined as are the important areas of pop ulation genetics, evolution and behavioural genetics.

BIO2209 CELL BIOLOGY (FOSCI - UGRD)

Units 1.0 (Biochemistry and Cell Biology) Band 6

Pre-requisite: BIO1101 and Co-requisite: BIO2201

An understanding of the theory and techniques of cell and molecular biology are now becoming essential to many diverse areas of study in biology, ranging from biodiversity and evolutionary relationships to genetic engineering of microbes, plants and animals. In the first half of the semester, the course introduces the nature of gene organ isation, replication and expression in both prokaryotic and eukaryotic systems. Potential applications of this technology in a number of areas of biology are discussed. Laboratory sessions introduce a range of fundamental techniques in molecular biology. The course then exam ines cellular ultra structure; protein post-translational modification and targeting; vesicle transport in cells; and regulation of the cell cy cle.

BIO2213 PHARMACOLOGY (FOSCI - UGRD)

Units 1.0 (Biological Sciences not elsewh) Band 6

Pre-requisite: BIO2203

This course provides the essential details for a basic understanding of how drugs get to their site of action, how drugs interact with recep tors and the current treatment options for major disease states such as cardiovascular disease, neurological disease and endocrine dis orders.

BIO2214 PATHOLOGY CLINICAL PLACEMENT 3 (FOSCI - UGRD)

Units 1.0 (Pathology) Band 2

Pre-requisite: BIO2105

This course provides students with an opportunity to apply their specialised subject knowledge and academic skills to a practical sit uation in order to prepare them to successfully work in a clinical pathology laboratory environment. It allows students to improve their learning by the application of the theoretical concepts and skills the ories and graduate skills developed into a clinical laboratory setting and within a team environment. It will encourage a reflective approach to the development of their workplace skills. It is envisioned that the work experience will enhance the student's post-graduation employ ment prospects. Students intending to enrol in this course should communicate with the program coordinator well in advance of the first week of the semester in order for USQ Student Services to identify a suitable placement within a clinical pathology laboratory. The course is offered in S2. Following discussion with the pathology laboratory industry partner and the course examiner, students are required to provide a detailed project outline that is to be submitted to the course examiner prior to commencement of the placement. Part-time students that are in employment may define a project in consultation with their employer and discussion with the course ex aminer. However, the project is to be unrelated to their usual work place activities. Students who enrol in this course can not request an exemption based on grounds of professional experience. The normal workload for this course is attendance of 13 days per semester by arrangement with a prescribed pathology laboratory during the teaching period in which the candidate is enrolled. 1. Pathology Clinical placements Pathology clinical placements are an integral component of the Bachelor of Health (Laboratory Medicine) program. The Pathology Clinical Placements enable students to gain practical experience in a workplace setting. However, as this is a workplace setting students must be aware of the privacy and confidentiality is sues that are associated in such an environment. Students undertak ing clinical pathology clinical placements must undertake Queensland Health Orientation training and sign deeds relating to placement re quirements and privacy. The Department of Biological and Physical Sciences will provide an orientation package for students relating to clinical placements. Students will be required to acknowledge that they have read the orientation package prior to commencing Pathol ogy Clinical placements. Students who attend Pathology Clinical Placement and found to breach the deeds will receive a fail grade in the course. 2. Queensland Health Clinical Placement guidelines and Checklist QHealth provides a detailed summary of Clinical Placement Guidelines. You are required to have read this material and you must complete the 'Student Checklist'. The signed checklist must be handed in to the Faculty Office annually. The Guidelines and Student Checklist can be downloaded from the QHealth website http://www.health.qld.gov.au/SOP/default.asp 3. Deed Polls These are found at the Q Health website http://www.health.qld.gov.au/SOP/default.asp under Supervision Placement. They consist of: Placement Requirements Privacy and Consent Both of these must be signed, witnessed and returned to the Faculty Office prior to Clinical Placement. They are required to be signed once only during your student term.

BIO2215 CLINICAL BIOCHEMISTRY 1 (FOSCI - UGRD)

Units 1.0 (Biochemistry and Cell Biology) Band 6

Pre-requisite: BIO1103

This course builds on the foundations obtained in course BIO1103 Pathology Studies. The course provides an overview of metabolic normal and abnormal functions, which includes a review of nutritional requirement at the macro and micronutrient levels. The effect of physiological factors that affect in vitro data is discussed as well as the use of reference ranges. The role of normal functions of digestion in terms of processing proteins, carbohydrates and fats are discussed. The impact of disorders on metabolic processes is introduced with disease state of specific organs highlighted. The nature of specific manual laboratory tests and automated technologies are introduced, as is the need for an awareness of safety measures required to be taken in a clinical biochemistry laboratory.

BIO2216 HISTOPATHOLOGY 1 (FOSCI - UGRD)

Units 1.0 (Pathology) Band 2

Pre-requisite: BIO1103

The course provides a detailed theoretical understanding of the mi croscopic structure and function of human organs, tissues and cells. The course is offered in 2 modules: in module 1 students will be given an overview of histology including modern protocols used for collec tion, preparation and examination of histological specimens. In module 2 the principles of modern cytology, including protocols for cytological examination, will be detailed. The course will also outline the role of pathology laboratories in the diagnosis of various disease states and in patient care and management. The course will also provide information about safe practices in an anatomy/histology laboratory.

BIO2217 TRANSFUSION SCIENCE (FOSCI - UGRD)

Units 1.0 (Pathology) Band 2

Pre-requisite: BIO1103

This course builds on the foundations obtained in course BIO2108 Haematology 1. The course provides the theoretical and procedural foundations for performing various blood typing systems. The course also provides a sound foundation of the neonatal and adult diseases in which cross matching and provision of blood and blood components are an essential service. The student is also provided with the theo retical and procedural practices associated with blood fractionation and component storage. The isolation, storage and use of stem cells in transplantation procedures is also explored. The course is designed to enable graduates to commence work in a transfusion laboratory.

BIO3301 BIOCHEMISTRY 2 (FOSCI - UGRD)

Units 1.0 (Biochemistry and Cell Biology) Band 6

Pre-requisite: BIO2201

This course focuses on advanced study of membranes, transport of ions and molecules, and integration and control of metabolism in animals, plants and micro-organisms. Control of metabolic reactions is considered from the level of individual enzymes, to cells, to integra tion throughout the whole organism.

BIO3309 MOLECULAR BIOLOGY (FOSCI - UGRD)

Units 1.0 (Biochemistry and Cell Biology) Band 6

Pre-requisite: BIO2209

Biology is today in the midst of a revolution as a result of recent re search into the molecular basis of life. An understanding of the theory and techniques of molecular biology are now becoming essential to many diverse areas of study in biology: from the study of biodiversity and evolutionary relationships to genetic engineering of microbes, plants and animals. This course is for students who have a back ground in cell biology. Drawing on this knowledge base, the course addresses the nature of gene organisation, replication and expression in both prokaryotic and eukaryotic systems. Practicals involve an in troduction to techniques required for the isolation, study and manip ulation of genes as well as an introduction to basic tools in bioinfor matics. Potential applications of recombinant DNA technology and bioinformatics in biotechnology and medicine are also discussed.

BIO3313 HUMAN PHYSIOLOGY AND PHARMACOLOGY IN DISEASE 1 (FOSCI - UGRD)

Units 1.0 (Pharmacology) Band 6

Pre-requisite: BIO2203 and BIO2213

This course builds on the foundations obtained in course BIO2203 Human Physiology and BIO2213 Pharmacology. The course will allow students to discuss the changes caused by disease states in humans, focussing on disease epidemiology, nature, diagnosis and control.

BIO3315 MEDICAL MICROBIOLOGY 2 (FOSCI - UGRD)

Units 1.0 (Microbiology) Band 6

Pre-requisite: BIO1104

This course provides the principles underpinning humoral or cellular defence mechanisms associated with the host response to infection. The course includes a study of innate defence mechanisms, antigenic specificity, induction of humoral and cellular immune responses, im munoglobulin structure, function and genetic basis of antibody diver sity, the role of the immune system in health and disease including cell-mediated immunity, hypersensitivity reactions, autoimmunity, immune tolerance, and vaccine development strategies.

BIO3323 HUMAN PHYSIOLOGY AND PHARMACOLOGY IN DISEASE 2 (FOSCI - UGRD)

Units 1.0 (Human Biology) Band 6

Pre-requisite: BIO3313 or equivalent

This course builds on the foundations obtained in the course BIO3313. The course will allow students to discuss the changes caused by disease states in humans, focussing on disease epidemiology, nature, diagnosis and control.

BIO3333 CARDIORESPIRATORY AND SPORTS PHYSIOLOGY (FOSCI - UGRD)

Units 1.0 (Biological Sciences not elsewh) Band 6

Pre-requisite: BIO2203

This course builds on the foundations obtained in the course BIO2203 (Systems Physiology). The first component of this course extends the students' knowledge of the structure and function of the cardiac, vascular and respiratory systems in health and disease. Subsequent components will examine physiological and anatomical adaptations to acute and chronic exercise.

BIO3620 PHYSIOLOGY AND PATHOPHYSIOLOGY 1 (FOSCI - UGRD)

Units 1.0 (Human Biology) Band 6

Pre-requisite: BIO1203

This course examines the concepts, nomenclature and some diag nostic procedures associated with disease states, diseases with a genetic aetiology, tissue maintenance and neoplasia, the physiology and pathophysiology of blood, body fluid maintenance and the pathophysiology of the cardiovascular and respiratory systems.

BIO3630 PHYSIOLOGY AND PATHOPHYSIOLOGY 2 (FOSCI - UGRD)

Units 1.0 (Human Biology) Band 6

Pre-requisite: BIO1203

This course examines the physiology and pathophysiology of the endocrine and nervous systems, pathophysiology of the reproductive and musculoskeletal systems, gastrointestinal and nutritional diseases and the pathophysiology of ageing and of the skin and internal linings.

BIO8104 SPECIAL STUDY IN BIOMEDICAL SCIENCE (FOSCI - PGRD)

Units 1.0 (Biological Sciences) Band 6

The student will be expected to gain knowledge in a selected field of biomedical science by private study in appropriate libraries and or electronic sources. Attendance at seminars both within and outside the University will also be expected.

BIO8105 CARDIOVASCULAR SCIENCE (FOSCI - PGRD)

Units 1.0 (Biological Sciences not elsewh) Band 6

Pre-requisite: BIO2203 or BIO3313

Cardiovascular disease remains the major cause of death in Australia and a major cause of morbidity in the community, despite very large decreases over the last 40 years. This course will provide a thorough understanding of the structure and function of the cardiovascular system using information from the biomedical sciences including anatomy, histology, physiology, biochemistry and molecular biology. This will be augmented by a thorough coverage of the treatment op tions for cardiovascular disease.

BIO8211 BIOINFORMATICS (FOSCI - PGRD)

Units 1.0 (Biological Sciences not elsewh) Band 6

Co-requisite: BIO2209

You will be introduced in an integrated approach to the cross-disci plinary field of Bioinformatics. This course provides an introduction to both theoretical and practical aspects of DNA and protein sequence analysis including the searching of DNA, protein and nucleic acid databases using homology-based and pattern-based search algo rithms, as well as sequence comparisons and alignments and evolu tionary analysis. You will develop skills in interfacing with and retriev ing information from sequence and genome databases. Methods of sequence alignment including dynamic programming and the support ing statistical theory are introduced. Topics include collection of se quences, sequence alignment, prediction of RNA secondary structure, phylogenetic relationships, gene prediction and protein structure prediction.

BIO8412 BIOTECHNOLOGY IN SUSTAINABLE SYSTEMS (FOSCI - PGRD)

Units 1.0 (Biochemistry and Cell Biology) Band 6

This course will explore various applications of biotechnology which involve agricultural, environmental and medical science with particular emphasis on how it contributes to meeting issues, such as infectious disease, food shortages, renewable bioresources, and ecological sustainability, which are central to global sustainability. A key focus of this course will be the investigation of specific case studies which examine the various roles that biotechnology plays in sustainable systems.

BIO8414 DRUG DESIGN AND DISCOVERY (FOSCI - PGRD)

Units 1.0 (Biochemistry and Cell Biology) Band 6

The course will review major aspects of the discovery and design of drugs and the role of natural products. The role of molecular interac tions at target sites will be emphasised. High throughput and high content screening of candidate structures will be described together with the use of computational methods to identify desirable structures. The application of high standards of human and animal ethics will be emphasised.

BIO8415 DRUG DEVELOPMENT AND COMMERCIALISATION (FOSCI - PGRD)

Units 1.0 (Biochemistry and Cell Biology) Band 6

Selection of lead compounds and the components of preclinical trials will be discussed together with potential routes of administration and subsequent clinical evaluation prior to registration. The structure of pharmaceutical industries will be examined and the regulatory and intellectual property environment within which they operate will be described.

BIO8416 BIOTECHNOLOGY PROJECT (FOSCI - PGRD)

Units 1.0 (Natural and Physical Sciences) Band 6

This course provides students with an opportunity to carry out re search work in a situation which resembles, as closely as possible, that in which they may find themselves when they begin a career in science. Students are required to thoroughly research and plan their project in consultation with an academic supervisor and submit a detailed report on completion of the project. Placements in this course depend on availability of a supervisor in the chosen area.

BUS3000 WORK INTEGRATED LEARNING (FOBUS - UGRD)

Units 1.0 (Business Mgt not classified) Band 3A

The purpose of this capstone course is to give students the opportu nity to experience the applied aspects of working in the area of their major study. It allows students to enhance their learning by the appli cation of the concepts, theories and graduate skills developed in their major area of study to their workplace activities. Further it will encour age a reflective approach to the development of their knowledge, skills and professional attributes. It is envisioned that the industry experience will enhance the student's post-graduation employment prospects. Students should be aware that the number of students will be restricted and acceptance will be at the discretion of the course examiner.

BUS8001 MASTERS DISSERTATION E (CONTINUING) (FOBUS - PGRD)

Units 0.0 (Business Mgt not classified) Band 3A

Pre-requisite: BUS8204

This is a holding course that follows the completion of all required courses in the Masters Dissertation and before the student submits his/her dissertation. Students should maintain frequent contact with their supervisor. The dissertation will be a significant piece of inde pendently conducted and written research. To successfully complete the dissertation, students will be required to select a research topic, develop a proposal, carry out supervised research on the chosen topic using an appropriate research method, and present and defend the results.

BUS8101 BUSINESS PROJECT A (FOBUS - PGRD)

Units 1.0 (Business Mgt not classified) Band 3A

This course involves a review of the literature associated with a project selected for study. Students will nominate a substantial project that will incorporate significant theoretical issues as well as providing practical experiences relevant to their career development. The project may be sponsored by the student's employer. The literature review will identify the major issues associated with the project and provide a theoretical and conceptual basis for the project. Enrolment in this course is subject to the availability of a supervisor.

BUS8102 BUSINESS PROJECT B (FOBUS - PGRD)

Units 1.0 (Business Mgt not classified) Band 3A

This course involves the development and implementation of a project. This practical part of the project builds on the literature review in the previous course. It normally involves data gathering and anal ysis based on a research proposal. Students could use an action learning strategy designed to achieve the aims of the project. The project aims to provide a set of career enhancing experiences for a student. The project will also provide general recommendations on aspects of organisational improvement to an organisation that is in volved in the project. Enrolment in this course is subject to the avail ability of a supervisor.

BUS8201 MASTERS DISSERTATION A (FOBUS - PGRD)

Units 2.0 (Business Mgt not classified) Band 3A

This is a two-unit course that contributes towards the Master of Business Dissertation. The Dissertation comprises the research and writing of a dissertation (maximum of 40,000 words). Students exam ine a professional area of interest, usually related to their work envi ronment and are assisted by one or more supervisors with appropriate background. Each candidate for the applied research project is re quired to submit a research proposal to the Head of School and Faculty Research and Higher Degrees Committee for approval and endorsement by the Dean prior to the commencement of research. Most topics are drawn from the candidate's work experience and in terest; however it is recognised that the work of some candidates is not necessarily suited for that purpose and the Head of School and Faculty Research and Higher Degrees Committee then considers topics drawn from elsewhere if necessary. The dissertation will be a significant piece of independently conducted and written research. To successfully complete the dissertation, students will be required to select a research topic, develop a proposal, carry out supervised research on the chosen topic using an appropriate research method, and present and defend the results.

BUS8202 MASTERS DISSERTATION B (FOBUS - PGRD)

Units 4.0 (Business Mgt not classified) Band 3A

Pre-requisite: BUS8201

This is a four-unit course that contributes towards the Master of Business Dissertation. The Dissertation comprises the research and writing of a dissertation (maximum of 40,000 words). Students exam ine a professional area of interest, usually related to their work envi ronment and are assisted by one or more supervisors with appropriate background. Each candidate for the applied research project is re quired to submit a research proposal to the Head of School and Faculty Research and Higher Degrees Committee for approval and endorsement by the Dean prior to the commencement of research. Most topics are drawn from the candidate's work experience and in terest; however it is recognised that the work of some candidates is not necessarily suited for that purpose and the Head of School and Faculty Research and Higher Degrees Committee then considers topics drawn from elsewhere if necessary. The dissertation will be a significant piece of independently conducted and written research. To successfully complete the dissertation, students will be required to select a research topic, develop a proposal, carry out supervised research on the chosen topic using an appropriate research method, and present and defend the results.

BUS8401 RESEARCH METHODOLOGY 1 (FOBUS - PGRD)

Units 1.0 (Business Mgt not classified) Band 3A

This course provides an introduction to basic research for students undertaking postgraduate studies in the Faculty of Business. Students will discuss the philosophy of research and gain a deep understanding of theoretical perspectives and epistemological assumptions under pinning different research approaches in the social sciences. The focus of this course is on preparing students to develop their research proposals and to ensure that they have skills which allow them to identify and formulate meaningful research problems, to plan and execute a critical literature review, to ground their research in a the oretical perspective that will inform their methodology, research strategy and design. Students will be expected to improve their critical thinking skills and to learn to read and critique previous research published in journals associated with their discipline. The course provides an overview of both qualitative and quantitative research methodology and associated methods. Research quality is empha sized throughout the course as students begin to make critical deci sions about the formulation of their research question and the most effective research design to address that question.

BUS8402 RESEARCH METHODOLOGY 2 (FOBUS - PGRD)

Units 1.0 (Business Mgt not classified) Band 3A

Pre-requisite: BUS8401 or MGT8401

This course is designed to provide students with the capability to develop a research proposal and prepare and present the proposal, building research design skills. The course will assist students to develop research paper and proposal writing skills. It will also build presentation skills. Successful completion of this course requires undertaking assignments, participation in class activities, and accep tance of the research proposal. To facilitate interaction and commu nications between peers, supervisors and course team members, students will be introduced to and use some education technologies including e-Portfolio and virtual classroom. Thus students will require unfettered access to the Internet with a headset and web-cam, par ticularly off-campus students.

BUS8403 RESEARCH METHODOLOGY 3 (FOBUS - PGRD)

Units 1.0 (Business Management) Band 3A

This course has been designed to enhance and build upon the gen eral discipline knowledge gained in graduate business studies. It is about how the external environment affects business and how busi nesses respond to the external pressures. It also equips DBA students to build a basis of advanced theory to undertake a comprehensive piece of management-related research. The course combines appro priate theoretical issues with related applications in practice. The structure of the course provides a sound core of macro-environment combined with the opportunity to explore selected specialised areas

BUS8404 RESEARCH METHODOLOGY 4 (FOBUS - PGRD)

Units 1.0 (Business Management) Band 3A

This course has been designed to enhance and build upon the disci pline knowledge gained in MGT8403. The course combines appropri ate theoretical analysis with relevant applications in practice. The structure of the course provides a sound core of advanced knowledge combined with the opportunity to explore specialized discipline areas relevant to each student's proposed dissertation.

CDS1000 INTRODUCTION TO COMMUNITY WELFARE AND DEVELOPMENT (FOART - UGRD)

Units 1.0 (Welfare Studies) Band 1

Co-requisite: CMS1000 or CMS1009 or EDC1100

This course is an introduction to the fundamental principles and skills required for working in the community and human services sectors. Much of the basic knowledge required is common for workers in varied social settings and various community services including car ers, workers with Indigenous, refugee or immigrant communities, workers in women's shelters, youth workers and self-help groups. Emerging initiatives covered include principles of rights based devel opment, empowerment, community rather than individual approaches, enhancing social capital and giving voice to the disadvantaged through advocacy. The course provides students with insights across a range of disciplines and sectors preparing them to contribute effec tively to responsive, trans-disciplinary teams and adapt to emerging initiatives in working in community organisations or community devel opment work with marginalised groups in Australian society or over seas.

CDS1001 HUMAN RELATIONS AND COMMUNICATIONS (FOART - UGRD)

Units 1.0 (Welfare Studies) Band 1

Pre-requisite: CMS1000 or CMS1009 Co-requisite: CMS1000 or CMS1009

Human relations and Communications is designed to develop the interpersonal skills necessary for cultivating and maintaining success ful working relationships. Students are introduced to the theory and practice of interpersonal communication and relationship building. The course includes a grounding in active listening skills, group and teamwork, problem solving, equity and diversity issues, and personal development. IMPORTANT NOTE: Students studying this course in the external mode may have important residential school attendance requirements. Please see section 'Other requirements' for more infor mation.

CDS1002 COUNSELLING SKILLS (FOART - UGRD)

Units 1.0 (Counselling) Band 1

This course introduces students to counselling within the helping professions and key values that counselling operates from. It intro duces a framework of helping, including structured stages and tasks. Within this framework, students will learn specific communication and counselling skills that are foundational in the majority of coun selling modalities. IMPORTANT NOTE #: Students studying this in external mode may have important residential school attendance requirements. Please see section 'Other requirements' for more infor mation.

CDS2000 ETHICAL ISSUES AND HUMAN RIGHTS IN THE HUMAN SERVICES (FOART - UGRD)

Units 1.0 (Welfare Studies) Band 1

Pre-requisite or Co-requisite: CMS1000 or CMS1009 or EDC1100

This course introduces students to the main legal, ethical, and social justice responsibilities that are integral to work in community and human services organisations. While considering a range of approach es to moral philosophy, students will focus on a rights based approach to human services delivery together with an awareness of contempo rary social justice issues.

CDS2001 SUSTAINABILITY CONCEPTS AND ISSUES (FOART - UGRD)

Units 1.0 (Welfare Studies) Band 1

Pre-requisite or Co-requisite: CMS1000 or CMS1009 or EDC1100

The course begins by examining the many conflicting definitions of sustainability, a number of key principles and several alternative models of sustainability. These are placed in the context of the pre vailing paradigms of western society and the many problems and challenges of the early twenty-first century, especially as they relate to populations and the carrying capacity of local regions and the planet as a whole. A systems approach to sustainability allows the identification of unsustainable activities and key natural resources, especially land, water and energy. Current environmental, economic and social problems can be examined in this context and solutions, both current and proposed, evaluated as to their long term contribution towards sustainability. The Hervey Bay region will be used as a case study in the context of the "sea change" phenomenon, with consider ation of such issues as climate change, housing, transport, water and agriculture. Community involvement in sustainability planning is emphasised in the context of the building of social capital and sus tainable community structures and organisations. Some alternative strategies for regional community and economic development will be examined including eco-villages.

CDS2002 INDEPENDENT PROJECT 1 (FOART - UGRD)

Units 1.0 (Counselling) Band 1

Pre-requisite: CDS1001 and (CMS1000 or CMS1009) and CDS2000

This industry placement is an opportunity for students to gain super vised practical experience in the human services environment. The objectives of the practicum are developed in conjunction with the host agency's supervisor and moderated by the designated member of the academic staff selected to supervise and evaluate the project. The course encourages students to develop independent discipline or field based techniques that will culminate in an assignment that lends itself to academic scrutiny. Outcomes of student and supervisor negotiations must have the approval of the Course Examiner. Stu dents must enrol in this course in their selected semester, but may complete the requirements at any time in the year with permission from the Course Examiner. IMPORTANT NOTES: Working with Children: State law in Queensland requires that all adults (including university students in industry placement) working with children under the age of 18, in the State of Queensland*, obtain approval before commencing such work. This course includes a practical component (professional experience, project work, research, assessment etc.) that may require engagement with children under the age of 18. It is your responsibility to ensure that you possess a current suitability card (Blue Card) before commencing any practical components of this course. DO NOT PARTICIPATE IN ANY PRACTICAL EXPERI ENCE WITH CHILDREN UNDER 18 UNLESS YOU POSSESS A CURRENT 'BLUE CARD'. For further information: http://www.child comm.qld.gov.au/employment/bluecard/informationSheets.html *If you are undertaking practical experience outside the State of Queensland, Australia you should check local requirements. Contact ing organisations: Students are NOT to contact any organisations until instructed by practicum staff. Instructions on how to organise the practicum will be emailed to student Umail accounts within the first two weeks of the semester.

CDS3000 INDEPENDENT PROJECT 2 (FOART - UGRD)

Units 2.0 (Counselling) Band 1

Pre-requisite: CDS2002 and CDS3001 and CDS3002 and CDS3004 and PSY3030 Pre-requisite or Co-requisite: PSY3050 and CDS3005

This counselling practicum provides opportunities for students to develop professional and clinical skills within a supervised agency setting. The field experience and assessments are designed to inte grate theory with practice. Students will develop a range of coun selling, community education and organisational skills. A member of the academic staff will be selected to coordinate and evaluate the project. The course encourages students to develop independent research and implementation techniques that will culminate in reports that lend themselves to academic scrutiny. Outcomes of student, clinical supervisor and line supervisor negotiations must have the approval of the Program Coordinator. Students may enrol in this course in any semester, and may complete the requirements at any time in a maximum twelve month period. IMPORTANT NOTE: Working with Children: State law in Queensland requires that all adults (including university students in industry placement) working with children under the age of 18, in the State of Queensland*, obtain approval before commencing such work. It is the student's responsi bility to ensure that they possess a current suitability card (Blue Card) before commencement of the placement. DO NOT PARTICIPATE IN ANY PRACTICAL EXPERIENCE WITH CHILDREN UNDER 18 UNLESS YOU POSSESS A CURRENT 'BLUE CARD'. For further information: http://www.childcomm.qld.gov.au/employment/bluecard/in formationSheets.html *If you are undertaking practical experience outside the State of Queensland, Australia you should check local requirements. IMPORTANT NOTE 2: Students are not to commence work in the host organisation without authorisation from the assigned USQ staff member. The USQ staff member will need to approve the suitability of the host organisation, the work plan and the supervision contract prior to starting. Failure to receive prior approval before starting will be working outside the parameters of the course and will not be recognised or supported by USQ or its insurance coverage. Additional information about the practicum can be found on the Bachelor of Human Services study desk site, on the main study desk page for Human Services students.

CDS3001 ASSESSMENT AND REPORT WRITING IN COUNSELLING (FOART - UGRD)

Units 1.0 (Counselling) Band 1

Pre-requisite: CDS2000 and CDS3002

Different theories and therapeutic approaches to the assessment of clients will be covered in this course. Students will review common assessment tools. The keeping of confidential written information on clients is a part of good professional practice. This course will deal with confidentiality and the issues involved in the writing and storage of personal and statistical information about clients. IMPORTANT NOTE #: Students studying this in external mode may have important residential school attendance requirements. Please see section 'Other requirements' for more information.

CDS3002 COUNSELLING THEORY AND PRACTICE (FOART - UGRD)

Units 1.0 (Counselling) Band 1

Pre-requisite: (CMS1000 or CMS1009) and CDS1001 and PSY1010 and PSY1020

The course introduces students to core concepts in counselling and integrates these within a core transtheoretical model of counselling. Students learn about various treatment philosophies and approaches to commonly presenting client issues. This course emphasises both personal and professional self-exploration and development. IMPOR TANT NOTE #: Students studying this in external mode may have important residential school attendance requirements. Please see section 'Other requirements' for more information.

CDS3004 COUNSELLING THEORY AND PRACTICE 2 (FOART - UGRD)

Units 1.0 (Counselling) Band 1

Pre-requisite: CDS1002 and CDS3002

This course builds on Counselling Skills CDS1002 by training the students in two contemporary and popular models of counselling. Students will learn the fundamental theory underpinning both models, and develop basic competency with the skills and framework in one of the models. IMPORTANT NOTE #: Students studying this in exter nal mode may have important residential school attendance require ments. Please see section 'Other requirements' for more information.

CDS3005 COUNSELLING THEORY AND PRACTICE 3 (FOART - UGRD)

Units 1.0 (Counselling) Band 1

Pre-requisite: Pre-Requisites CDS2002 and CDS3001 and CDS3004 and Pre- requisite or Co-requisite PSY3050

The student will understand the current place of counselling as a profession within the Australian context, will develop will learn the functions and roles of receiving and providing clinical supervision, develop strategies for maintaining counselling effectiveness and personal resilience, and develop advanced awareness of ethical and legal guidelines and decision making processes relevant to the counselling and supervisory roles. IMPORTANT NOTE #: Students studying this in external mode may have important residential school attendance requirements. Please see section 'Other requirements' for more information.

CHE1110 CHEMISTRY 1 (FOSCI - UGRD)

Units 1.0 (Chemical Sciences not elsewher) Band 6

Topics include atomic theory, formulae, valency, chemical equations, periodic table, chemical bonding and structure, chemical calculations, chemical reactions, thermodynamics, and, acids and bases. This course involves a compulsory Residential School for external students only.

CHE2120 CHEMISTRY 2 (FOSCI - UGRD)

Units 1.0 (Chemical Sciences not elsewher) Band 6

Pre-requisite: CHE1110

This course addresses the important basic principles and concepts of physical, inorganic and organic chemistry. The course covers electrochemistry, coordination chemistry, reaction kinetics, organic functional groups, IUPAC naming, basic stereochemistry, and simple reactions. This course has a compulsory laboratory component. This course involves a compulsory Residential School for external students only.

CIS1000 INFORMATION SYSTEMS CONCEPTS (FOBUS - UGRD)

Units 1.0 (Information Systems) Band 2

The aim of this course is to offer the traditional coverage of informa tion systems concepts, through placing the content within the context of business and information systems, to enable students to effectively apply business information systems as support tools within their study programme and profession. The course will explore fundamental concepts including: how business information systems are involved in organisations; hardware and software usage within businesses; telecommunications and internet technologies, including intranets, extranets, and e-commerce; specialised business computing systems, including artificial intelligence, expert systems, and virtual reality; in formation systems project management; and security, privacy, and ethical issues. In addition, students will be exposed to a range of business information systems and tasks including presentation tools, database querying and manipulation and report generation, and business analytical spreadsheet usage.

CIS1101 BUSINESS ONLINE (FOBUS - UGRD)

Units 1.0 (Information Systems not elsewh) Band 2

This course provides the student with the essential elements pertain ing to the area of electronic commerce together with its implications upon the commercial environment. The course will introduce students to the various business models that are used within electronic com merce, technology concepts, identify marketing issues, and discuss various ethical issues associated with electronic commerce. Students will also obtain an understanding of payments systems, security and legal issues, government policies, mobile commerce and other future trends relating to electronic commerce. Students enrolling in this course must have IBM or IBM compatible hardware and software and must have access to the Internet. Formerly ELC1101.

CIS2000 SYSTEMS ANALYSIS AND DESIGN (FOBUS - UGRD)

Units 1.0 (Systems Analysis and Design) Band 2

One of the major strands in the information technology field is that of systems analysis and design. The analysis of case studies requires effective listening and reading skills. The students will study analysis techniques and then design appropriate solutions. The design requires the production of accurate, understandable and efficient systems requirement documents using formats which will maximize effective communication. Some typical business information systems will be studied. A CASE product will be utilized.

CIS2002 DATABASE DESIGN AND IMPLEMENTATION (FOBUS - UGRD)

Units 1.0 (Database Management) Band 2

This course focuses on the design and implementation of relational databases and includes extensive exposure to Oracle SQL. Practical methodologies for data analysis, data modelling and database design are examined, coupled with study of the relational database model. The course builds applied skills in data modelling, normalisation, database design and the creation and management of database ob jects using Oracle SQL. The course operates within a framework that focuses on developing business problem-solving and communication skills, and extensive use is made of business case studies of limited scope. This course and CIS3010 together provide students with ex tensive hands-on exposure to the Oracle DBMS and cover a signifi cant proportion of the syllabus for the OCP (Oracle Certified Profes sional) designation. Upon completion of both courses, highly motivat ed students should be in a position to attempt two of the three papers leading towards the OCP and, depending upon the options chosen, become candidates for the designations of OCA (Oracle Certified Associate) and Oracle Database SQL Expert. In terms of our long-standing membership in the Oracle Academic Initiative, on-campus students are exposed to materials and exercises taken from official Oracle training courses and selected assessments are based upon these presentations.

CIS2003 COMPONENT BASED SOFTWARE DEVELOPMENT (FOBUS - UGRD)

Units 1.0 (Programming) Band 2

This advanced programming course uses Microsoft's .NET to build upon the solid foundations gained in previous programming courses. It further develops object-oriented programming skills that may be applied on workstations, intranets, and/or the internet applications development. The course curriculum expands upon interface design concepts and practice to include Web interfaces; explores advanced database manipulation; uses object-oriented methodology; creates client-server applications including multi-tiered applications; develops component based internet programming; explores integration of legacy applications with new technologies, and includes an introduc tion to mobile wireless services.

CIS2005 PRINCIPLES OF INFORMATION SECURITY (FOBUS - UGRD)

Units 1.0 (Security Science) Band 2

The increased reliance on information technology and communica tions (ICT) technology and in particular Internet protocol based (IP) networks including the Internet to enhance business functions and store information means students must have an understanding of the vulnerabilities and threats which systems face and the controls or countermeasures which can prevent or limit their effect. It is a goal of this course for students to develop skills and knowledge to evaluate information security situations, identify specific issues and clearly communicate appropriate recommendations. The ongoing commit ment to information systems security including ethical and privacy considerations that organisations need to take is also stressed in this course.

CIS3001 OBJECT-ORIENTED PROGRAMMING WITH JAVA (FOBUS - UGRD)

Units 1.0 (Programming) Band 2

This course introduces the student to the fundamentals of object-oriented programming using the Java programming language. It lays a solid foundation for the development of practical business solutions in an object-oriented environment.

CIS3002 BUSINESS ANALYSIS (FOBUS - UGRD)

Units 1.0 (Systems Analysis and Design) Band 2

Pre-requisite: CIS2000 or CSC2407

This course focuses on developing key Business Analysis skills using object oriented methodologies, in particular the UML. Popular require ments, analysis and design specification methods are given detailed coverage and the issue of system acquisition via packages is also considered. The importance of written and oral communication skills is given due prominence. The course will enable students to under stand the overall Systems Development Lifecycle and contemporary approaches to Systems Design Methodologies, as well as a range of tools and techniques. Students will learn about the importance of standards and will apply these in their assessment tasks. Major trends and issues affecting business analysis and design in the business sector are also studied.

CIS3003 NETWORKS AND DISTRIBUTED SYSTEMS (FOBUS - UGRD)

Units 1.0 (Networks and Communications) Band 2

This course seeks to broaden the student's knowledge of telecommu nications and networking fundamentals and to provide a greater depth of understanding of networking concepts and the importance of net working and communication in business environment. In addition, the student will expand upon their knowledge of distributed systems models and concepts by examining existing and newly emerging communication technologies. Finally, the student will be provided with the opportunity to combine their knowledge of networking funda mentals and distributed systems to provide tailored business solutions, analysis of emerging networking topics (such as cloud computing, virtualisations, wireless technologies, fiber networks and so on) for contemporary business problems.

CIS3007 ENTERPRISE SYSTEMS DEVELOPMENT AND ARCHITECTURE (FOBUS - UGRD)

Units 1.0 (Programming) Band 2

Students will be working on an existing web based solution which will need to be extended and redesigned to meet the new objectives of the organisation. As in the real world situation the project will be at undetermined stage of completion with a list of improvements and additional capabilities required to be implemented. The students will be expected to organise themselves and their time in order to learn the technologies utilised within the project explore other solutions and ultimately (with consultation) make decisions regarding the most appropriate technology to implement the redesign. Each student will demonstrate a higher level of understanding towards project manage ment through development of requirements definition, and involve ment in project planning, and control. The course also places an emphasis on teamwork, written and verbal communication skills.

CIS3008 INFORMATION TECHNOLOGY SERVICE MANAGEMENT (FOBUS - UGRD)

Units 1.0 (Information Systems not elsewh) Band 2

The IT Infrastructure Library (ITIL) and ISO/IEC 20000 are recognised as providing an effective framework for IT service management. ISO/IEC 20000 is an international standard for IT service management and provides a set of requirements for a service provider to deliver managed services of an acceptable level of quality to its customers. The approach of the course is to cover in detail the core processes which underpin the ITIL and ISO/IEC 20000 best practice frameworks. As well as the objectives of each process, the associated roles and responsibilities of IT service providers, management, staff and clients are identified. Planning and management of the functions and pro cesses necessary for service strategy, service design, service transi tion, service operation and continual service improvement are cov ered. Teamwork, verbal and written communication skills are also emphasised as important for the student's skill and knowledge port folio.

CIS3009 ENTERPRISE SYSTEMS IN PRACTICE (FOBUS - UGRD)

Units 1.0 (Information Systems not elsewh) Band 2

The course examines the evolution of Enterprise Resource Planning (ERP) systems in response to issues such as increasing technological complexity, the need to better manage spiralling IT costs, and the increasing burden on corporations of compliance to legislation such as the Sarbanes-Oxley Act. Due attention is given to the architecture of ERP systems, issues related to their acquisition, their impact on organizations and their potential benefits and costs. The core of the course focuses on business processes and their interaction with the ERP. Particular emphasis is placed on the powerful capabilities of ERP's as regards the integration of business processes across functional areas and their use in performance analysis and business management.

CIS3010 ORACLE DEVELOPMENT (FOBUS - UGRD)

Units 1.0 (Database Management) Band 2

This course complements CIS2002 and an important focus is the architecture of the Oracle DBMS and procedural database program ming in the Oracle environment. Students also extend and develop their critical knowledge of key topics and trends in database theory and practice, often in alignment with the applied coverage of Oracle. Beginning with a rapid review of SQL, the course moves into an ex tensive coverage of PL/SQL, Oracle's procedural extension to SQL. The course covers client-side as well as server-side PL/SQL, including anonymous blocks, packages, stored procedures, functions and triggers. Students gain extensive practical skills writing PL/SQL ap plications of limited scope to solve business problems and / or address business requirements. The course operates within a framework that focuses on developing business problem-solving and communication skills, and extensive use is made of business case studies of limited scope. This course and CIS2002 together provide students with ex tensive hands-on exposure to the Oracle DBMS and cover a signifi cant proportion of the syllabus for the OCP (Oracle Certified Profes sional) designation. Upon completion of both courses, highly motivat ed students should be in a position to attempt two of the three papers leading towards the OCP and, depending upon the options chosen, become candidates for the designations of OCA (Oracle Certified Associate) and Oracle Database SQL Expert. In terms of our long-standing membership in the Oracle Academic Initiative, on-campus students are exposed to materials and exercises taken from official Oracle training courses and selected assessments are based upon these presentations.

CIS3011 INFORMATION SYSTEMS PROJECT (FOBUS - UGRD)

Units 1.0 (Information Systems not elsewh) Band 2

Pre-requisite: CIS3002

Students are given as much freedom as possible in the choice of a project. A student may propose a project or undertake a project nominated by the examiner. All projects will complement the other courses in the information technology management major by practi cally integrating them into a major project. Each student will demon strate a higher level of understanding towards project management through development of requirements definition, and involvement in project planning, and control. The course also places an emphasis on teamwork, written and verbal communication skills.

CIS8000 GLOBAL INFORMATION SYSTEMS STRATEGY (FOBUS - PGRD)

Units 1.0 (Information Systems) Band 2

This course provides students with an in-depth understanding of how information systems are used to support the organisation's business processes, provide an edge over its competitors, and facilitate the decision-making of its managers and staff. The strategic implications of information systems will be considered along with the development and implementation of various types of information systems, and their underlying technologies. In addition, the strategy, responsibilities and policies concerning investments in information systems will be addressed. Prevailing issues in information systems, such as green IT, ethical and social challenges, change management and informa tion security, will also be examined. Formerly CIS5001.

CIS8004 BUSINESS SYSTEMS PLANNING AND IMPLEMENTATION (FOBUS - PGRD)

Units 1.0 (Information Systems) Band 2

This course introduces the student to the building blocks of business systems within an Information Technology (IT) domain and provides skills in determining their implementation value to business. This is done using a number of approaches for researching, analysing and synthesising them from sources ranging from learned to trade jour nals. Students are required to apply these skills to the topic area of Health Informatics.

CIS8008 BUSINESS INTELLIGENCE (FOBUS - PGRD)

Units 1.0 (Decision Support Systems) Band 2

This course provides students with a thorough understanding of theory, design, implementation of business intelligence systems and practical application and use of business intelligence systems tools such as data mining tools, pivot tables and performance dashboards in an organisational context of decision making that is evidence based. The architecture, implementation, and practical application and use of business intelligence systems are considered in current and real life contexts. Business intelligence systems enable collabo rative sharing of information and knowledge essential for superior decision making and enhanced business performance.

CIS8009 MANAGEMENT OF BUSINESS DATA COMMUNICATIONS AND TELECOMMUNICATIONS (FOBUS - PGRD)

Units 1.0 (Networks and Communications) Band 2

This course covers some key issues for networks and management in the field of data communications and telecommunications, under three broad headings: data communications and telecommunications technology, using data communications and telecommunications for competitive gain, and the role of management in telecommunications planning. Whilst no course in data communications and telecommu nications can be remote from the technology, each issue is viewed from a management point of view (strategic, tactical, operational) rather than an engineering or technical one.

CIS8010 INFORMATION SYSTEMS PROJECT MANAGEMENT (FOBUS - PGRD)

Units 1.0 (Information Systems not elsewh) Band 2

This course applies the nine project management knowledge areas - project integration, scope, time, cost, quality, human resources, communications, risk and procurement management, across the project management lifecycle of initiation, planning, executing, con trolling and closing. The use of computer-based project management tools and techniques suitable for IS project management are also emphasised and form a vital part of the student's skills and knowledge portfolio.

CIS8011 DIGITAL INNOVATION (FOBUS - PGRD)

Units 1.0 (Information Systems not elsewh) Band 2

This course introduces the student to the latest developments in In formation Technology (IT) and provides skills in determining their value to business. This is done using a number of approaches for researching, analysing and synthesising them from sources ranging from learned to trade journals. The student is required to apply these skills in an approved area of IT development applicable to business, under minimum supervision.

CIS8018 STRATEGIC INFORMATION SECURITY (FOBUS - PGRD)

Units 1.0 (Security Science) Band 2

This course examines the security concerns and problems resulting from the increased reliance on information technology to enhance business functions. There is an urgent need for management and professionals to have an in-depth understanding of the threats infor mation and communication systems face and the controls or counter measures that can prevent or limit their devastating effects. This course assists you to recognise the threats and vulnerabilities. Fur thermore this course addresses how to design and develop the secure computing systems. This course focuses on information security management, including planning for security, security policy, security management models and practices, risk management, protection mechanisms, security and personnel, law and ethics, and information security project management.

CIS8100 DIGITAL ENTERPRISE (FOBUS - PGRD)

Units 1.0 (Information Systems not elsewh) Band 2

The aim of this course is to teach the students the basic concepts and drivers of the digital enterprise in the global economy so that students develop the skills to enable them to think strategically about leveraging information systems and ICT infrastructure for business value in an increasingly global context. In order to complete this

CIV1501 ENGINEERING STATICS (FOENS - UGRD)

Units 1.0 (Structural Engineering) Band 2

Pre-requisite: ENG1500 or MAT1500 or Students must be enrolled in the following Program: MEPR

The overall aim of this course is to introduce a fundamental area of rigid body-mechanics called "Statics". Knowledge of statics is funda mental to many engineering applications as it is used to evaluate the equilibrium of bodies subjected to forces. For example engineers need to predict how a bridge structure will behave under the influence of forces such as the cars, trucks & trains that will cross it and even under its own self weight. Statics is an analytical tool that can be used to evaluate these forces and assist in making such predictions. This course deals with balanced force systems applied to rigid-bodies that are at rest. Methods to determine support reactions and relation ships between internal and external forces and internal force distribu tion will be introduced in this course. The knowledge gained in this course will be used extensively in later engineering design and analysis courses.

CIV2403 GEOLOGY AND GEOMECHANICS (FOENS - UGRD)

Units 1.0 (Geotechnical Engineering) Band 2

Pre-requisite: CIV1501

All engineers working with soils and rocks must understand the range of techniques available for both identifying these materials and for determining their physical and mechanical properties. The course provides an introduction to both geology and soil mechanics. Geolog ical information affects engineering decisions in the design and planning stages because all large scale engineering works have their foundations in rock or soil. Many projects, such as dam walls and pavements are also built from these materials. A working knowledge of geologically applied design limitations is therefore required by all engineers involved in foundation works. Students will also be intro duced to the basic concepts of soil mechanics that are widely used in the design of geotechnical engineering problems such as flow nets, soil consolidation and settlement of structures. The emphasis throughout the course is placed on a practical understanding of these topics.

CIV2502 STRUCTURAL AND BUILDING TECHNOLOGY (FOENS - UGRD)

Units 1.0 (Structural Engineering) Band 2

Design and construction personnel in all areas of employment are likely to be involved in building design and construction. This includes concrete, structural steel and timber design and construction detailing. This course therefore seeks to introduce the student to these com monly encountered areas of structural engineering and building technology. The course provides a broad overview of current building construction practice, embracing the structural, architectural and building services aspects. There is also a need to convey details via sketches and drawings as a necessary part of achieving a final result in engineering design.

CIV2503 STRUCTURAL DESIGN I (FOENS - UGRD)

Units 1.0 (Structural Engineering) Band 2

Pre-requisite: (ENG1100 and MEC2402) or (ENG1100 and CIV1501 for students enrolled in Program: BETC)

Structural design is concerned with buildings and other structures such as bridges. A structural design engineer is required to make decisions about how buildings and other structures will be built such that they will perform satisfactorily and will not rapidly deteriorate, deflect excessively or in the worst event, fall down. The design engi neer makes decisions about the general arrangement of the structural members, the materials of which they are made, their size and how they are connected together. Structural designers make use of infor mation about materials and construction processes together with various analytical techniques to assist them in making the correct decisions about how structures should be built. In pre-requisite courses students will have already acquired some of this knowledge. In particular they have learnt how to analyse structures to determine such things as bending moments, deflections and stresses. In this course they will revise, consolidate and extend these topics and use them to assist in the design of structures. The course concentrates on estimating the loads which a structure may be required to carry, designing individual members in steel and timber. Specific code provisions applicable to design of timber and steel together with load estimation are discussed in detail in this course.

CIV2605 CONSTRUCTION ENGINEERING (FOENS - UGRD)

Units 1.0 (Construction Engineering) Band 2

The construction sector is a major part of the total civil engineering and building industry. Construction projects range in size from the small (such as the construction of a swimming pool or a subdivision cul de sac) to the very large (such as the construction of a hydro electric power scheme or a freeway system). However, all projects share the common factors of utilising workers, machines and materi als, and of requiring organisation and control. The graduate civil en gineer must, therefore, be familiar with the range of construction equipment and techniques in common use, and must be able to plan and direct construction works. The course covers the areas of con struction techniques, construction management and concrete tech nology.

CIV2701 ROAD DESIGN AND LOCATION (FOENS - UGRD)

Units 1.0 (Transport Engineering) Band 2

Pre-requisite: MAT1500 or ENG1500 or Students must be enrolled in one of the following Programs: GCST or GDGS

The design and construction of roads impacts on almost all sectors of society. The design of a safe and efficient road network requires an understanding of the planning systems, environmental issues, driver characteristics, traffic profiles and many other factors. The course introduces students to the concept of road location with par ticular emphasis on the design of the geometric elements of the road including horizontal and vertical alignments. The design will be exam ined from the context of rural road design, however some application to urban roads will be examined. Theory will be supported by the use of computer aided design and modelling packages.

CIV2702 MUNICIPAL SERVICES (FOENS - UGRD)

Units 1.0 (Transport Engineering) Band 2

Pre-requisite: ENV2103 or ENV1101

Topics covered in this course are road pavement design and con struction (including bituminous surfacing techniques), traffic surveys and management, road maintenance, basic water treatment and distribution, and the collection, treatment and disposal of wastewater.

CIV2901 GEOLOGY AND GEOMECHANICS PRACTICE (FOENS - UGRD)

Units 0.0 (Geotechnical Engineering) Band 2

The course is subdivided into practice modules covering aspects of Geology and Geomechanics. Practice requirements for each module include field work in a team environment, field excursions and the preparation of individual reports on these practice activities. The ge ological field excursion provides the student with specialised instruc tion on the identification and the engineering significance of geological features. Students will be required to carry out soil tests to Australian standards to gauge various engineering properties of soils.

CIV3403 GEOTECHNICAL ENGINEERING (FOENS - UGRD)

Units 1.0 (Geotechnical Engineering) Band 2

Pre-requisite: CIV2401 or CIV2403 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GDNS or MENS

Geotechnical Engineering is concerned with the stability analyses of soil structures. Topics covered in this course include soil shear strength, slope stability analysis, retaining wall analysis, shallow foundations, landfill liners and subsoil exploration.

CIV3505 STRUCTURAL ANALYSIS (FOENS - UGRD)

Units 1.0 (Structural Engineering) Band 2

Pre-requisite: MEC2402 and MAT1502 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GDNS or MENS

This subject is intended to provide students with a clear and thorough understanding of how to idealize and analyse simple structures such as trusses, beams and frames. These days the analyses of most structures are carried out with the aid of computer programs based on the stiffness method or so-called matrix method of structural analysis. Stiffness method is a subset of the more general analysis method called the finite element method. Engineers cannot simply rely on the generated output from a computer program when design ing a structure as there could be many sources of errors such as input data errors (due to misunderstanding of input parameters) and modelling errors. Classical methods of analysis provide means of checking computer generated outputs. Practice in applying classical methods of structural analysis will develop in students a deeper un derstanding of how basic principles of statics and mechanics of ma terials are used in the analysis. The course materials in this subject are presented starting with classical methods and then gradually leading up to the stiffness method and the more general finite element method. Modules 1 and 2 review the topics learnt in statics and stress analysis subjects. Module 3 deals with determination of deflections of statically determinate beams, trusses and frames using different classical methods. Module 4 introduces students to analysis of stati cally indeterminate structures by the force method. Slope deflection equations and moment distribution method, which fall under the general category of displacement method of analysis, are introduced in module 5. Modules 6 to 8 cover the stiffness method of analysis applicable to both statically determinate and indeterminate structures. Students will be introduced to structural analysis computer programs in these modules. Finally, module 9 will introduce students to finite element modelling of structures. Finite element modelling of plane stress, plane strain, plate bending and axisymmetric problems using Strand7 finite element software package will be covered in this module.

CIV3506 CONCRETE STRUCTURES (FOENS - UGRD)

Units 1.0 (Structural Engineering) Band 2

Pre-requisite: CIV2503 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GDNS or MENS

Concrete is a versatile building material which is used extensively in multistorey buildings, airports, dams, roads and many other important parts of today's modern infrastructure. Whilst it is inherently strong in compression, its weakness in tension is offset by suitable steel reinforcement which is initially either unstressed or prestressed. This results in a composite material which requires a detailed understand ing of its behaviour before safe and economical designs can be pro duced. Accordingly this course provides a detailed coverage of : The Behaviour of Reinforced and Prestressed Concrete, Durability and Fire Resistance, Behaviour and Design for Strength and Serviceabil ity of Reinforced Concrete Beams, Slabs and Columns, Anchorage, Detailing, Behaviour and Design for Strength and Serviceability of Fully Prestressed and Partially Prestressed Concrete Beams and Slabs.

CIV3603 CONSTRUCTION METHODS (FOENS - UGRD)

Units 1.0 (Construction Engineering) Band 2

This course covers the preliminary works and site establishment ac tivities associated with commencing a construction job. It also deals with foundations and soil stabilisation techniques, the production and use of common construction materials and discusses some elements associated with the construction of major infrastructure facilities.

CIV3703 TRANSPORT ENGINEERING (FOENS - UGRD)

Units 1.0 (Transport Engineering) Band 2

The planning, construction and operation of civil engineering works is critical to the well being of societies within the modern world. It is important that the graduate civil engineer has a broad understanding the role and planning of transport systems. As the majority of civil engineers working in the transport sector are concerned with road transport, a greater emphasis will be placed on this mode of transport. Students of this course will be assumed to have a basic understanding of statistical techniques, spreadsheeting, soil mechanics, engineering materials and technical drafting skills (including CAD).

CIV3906 CIVIL MATERIALS PRACTICE (FOENS - UGRD)

Units 0.0 (Transport Engineering) Band 2

This course will involve the student in an investigation of the range of materials commonly used in civil engineering. The characterisation of materials and the need for material parameters for design will be considered. The student will test a range of materials in the laboratory to establish material properties. Presentation and interpretation of test results will also form an important part of the course.

CIV3907 CIVIL SYSTEMS PRACTICE (FOENS - UGRD)

Units 0.0 (Structural Engineering) Band 2

Pre-requisite: CIV2503 or Students must be enrolled in one of the following Programs: GDNS or MENS

These days most engineering tasks require a "system approach". Knowledge, design skills, theory, equipment etc will have to be combined in a systematic way to complete a complex task. This course is a practical introduction to this approach. Elementary building blocks and theory covered in previous courses will be combined to design and develop more complex systems. Team work often goes hand in hand with a system approach; hence working in teams will be an essential part of this course. Systems that will be covered in clude structural systems such as concrete and steel, destructive and non-destructive testing, water and sewerage systems. Teams of students will cast and test a reinforced concrete beam and test the buckling strength of a steel column, and describe their behaviour. It will also include using various non-destructive equipments for struc tural testing and a visit to a water and sewerage treatment plant.

CIV4508 STRUCTURAL DESIGN II (FOENS - UGRD)

Units 1.0 (Structural Engineering) Band 2

Pre-requisite: CIV3505 and CIV3506 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GDNS or MENS

This final year design Course represents the end point of many other courses including Engineering Statics, Stress Analysis, Structural Design I, Concrete Structures and Structural Analysis. The course applies the knowledge and skills developed in those earlier courses to the design of standard structural systems in an integrated ap proach. The course introduces complex loading evaluation and de velopment of conceptual designs, influence lines for structures, methods of solving complex structural problems using structural analysis software, design and detailing of reinforced concrete struc tures including non-flexural reinforced concrete members using the strut-and-tie-model approach, analysis and design of steel members under combined loading actions and steel connections. This course also introduces advanced topics of structural dynamics.

CIV4908 CIVIL DESIGN PRACTICE (FOENS - UGRD)

Units 0.0 (Structural Engineering) Band 2

Pre-requisite: CIV4508 or Students must be enrolled in one of the following Programs: MEPR or GDNS or MENS

In this course, students will work as part of a design team with other students. A number of design topics will be suggested in the form of specified client requirements. Each team will choose a particular design topic and will work towards a group presentation to the other teams. This oral and written presentation will be in the form of a preliminary design report to the client that will address the issues discussed in the above rationale.

CIV5704 ROAD AND STREET ENGINEERING (FOENS - PGRD)

Units 1.0 (Transport Engineering) Band 2

This course introduces the principles of road and street engineering. The course develops the principles and techniques of road and street engineering to the post graduate level. Postgraduate development is concentrated in the areas of pavement materials, pavement design, pavement evaluation, traffic surveys and equipment, local area traffic management and intersection design; and some aspects of bitumi nous surfacing, road construction, traffic operation, traffic control measures and future of road transport.

CLI1110 WEATHER AND CLIMATE (FOSCI - UGRD)

Units 1.0 (Atmospheric Sciences) Band 6

This course is an introductory descriptive level course that introduces participants to the weather and climate systems of the world, outlining the global and regional processes down to the synoptic scale weather systems, and describes the structure of the global climate system. Weather and climate drive the composition of our natural environment and impact upon many aspects of human endeavour. After completing the course students will be able to demonstrate an understanding and appreciation for the complexity of the world's and Australia's climate and weather systems and will be able to use their knowledge in order to comprehend and debate future climate change and variability. Access to the internet is required.

CLI2201 CLIMATE CHANGE AND VARIABILITY (FOSCI - UGRD)

Units 1.0 (Atmospheric Sciences) Band 6

The course discusses the underlying physical processes and mech anism that drive the world's climate system and future climate change. Students examine the architecture and design of climate models ranging from simple energy balance models to complex climate sys tem models. Insight is provided into the phenomena of climate change and variability and past climates of the planet on regional and global scales are investigated in the context of presently observed climatic changes. The course highlights examples of climate change and variability and historical approaches to adapting to climate change and harnessing the opportunities that arise from projecting climate variability and its application to managing economic activities. Access to the internet is required.

CLI3301 CLIMATE AND ENVIRONMENT RISK ASSESSMENT (FOSCI - UGRD)

Units 1.0 (Atmospheric Sciences) Band 6

Most of the world's population lives within 100 km of the coast and projected sea level change has dramatic impacts upon low lying coastal regions. Society depends on adequate and sufficient rainfall which is already changing in many regions of the world. Participants are introduced to the tools that are available to assess risks on local, state, national and international level. Certainties and uncertainties are discussed. This is a course that critically examines the impact of climate and arising risks to the natural and built environment and in troduces students to the vulnerability of systems that arises from cli mate change and variability. Access to the internet is required.

CLI3302 ADAPTATION TO CLIMATE CHANGE (FOSCI - UGRD)

Units 1.0 (Atmospheric Sciences) Band 6

Students are introduced to the role adaptation and mitigation mea sures play in society's response to climate change and variability. The course reviews the risks associated with climatic and environ mental changes, introduces the tools that facilitate climate change adaptation and mitigation. Access to the internet is required.

CLI8204 GLOBAL ENVIRONMENTAL SYSTEMS (FOSCI - PGRD)

Units 1.0 (Atmospheric Sciences) Band 6

The course provides an overview of the dynamics of global environ mental systems and how they influence and impact on human activ ities. In particular, the course focuses on the structure of the atmo sphere and ocean, and the drivers of global climate that determine the composition of the natural environment. The important global data sets of the physical environment are introduced and key physical processes within the ocean and atmosphere, and the physical pro cesses that link these to human systems are discussed. Models based upon sound scientific understanding of the physical mecha nisms are introduced and their development into tools that provide credible scientific guidance in sustainable development and manage ment are reviewed. The course concludes with a brief review of successful policy development and application guided by scientific knowledge. The course requires the student to have access to the internet.

CLI8205 CLIMATE AND SUSTAINABILITY (FOSCI - PGRD)

Units 1.0 (Atmospheric Sciences) Band 6

This course is focused on policy communicating international, national and state wide activities. It reviews processes such as the Framework Convention on Climate Change (FCCC) leading to the Kyoto protocol, the Intergovernmental Panel on Climate Change (IPCC) process, the responses to climate change and policies developed by state and federal government, and introduces practical approaches of using climate information to drive policy making. It reviews the history of the sustainability concept, Carbon Emission trading strategies, Na tional Climate Change Adaptation Policy, the recent reports by the Australian economists Ross Garnaut and Lord Stern, the former Head of the Government Economic Service and former World Bank Chief Economist Stern.

CMG1001 INTRODUCTION TO CONSTRUCTION MANAGEMENT AND THE BUILT ENVIRONMENT (FOENS - UGRD)

Units 1.0 (Building Construction Manageme) Band 2

The planning, construction and operation of built environment works is critical to the well being of societies within the modern world. It is important, therefore, that the graduate construction professional has a broad understanding of the nature and scope of construction work within the built environment. Students of this course will be assumed to have a basic understanding of problem solving approaches and technical drafting skills (including CAD).

CMG2001 JOB ORGANISATION (FOENS - UGRD)

Units 1.0 (Building Construction Manageme) Band 2

The course outlines the principles of modern civil engineering con struction management, and develops skills in the taking off of quan tities, the preparation of engineering estimates and the preparation of construction programmes. Aspects of contract supervision are examined, particularly the use of the Australian Standard General Conditions of Contract. The on-site supervision of civil construction work is covered, including the aspects of job safety and industrial relations.

CMS1000 COMMUNICATION AND SCHOLARSHIP (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

This course presents an introduction to the theory and practice of communication, with particular application to academic and profes sional settings. Students study the processes of research and scholarship, and of tailoring communication for specific audiences. Students develop an understanding of barriers to communication, and strategies which can be used to overcome these barriers. Verbal and nonverbal communication thinking skills and the dynamics of interpersonal and group communication will be explored. Students also gain the written, verbal and personal transferable skills essential to their role in a rapidly changing environment

CMS1008 BUILDING PROFESSIONAL NURSING ATTRIBUTES A (FOART - UGRD)

Units 0.5 (General Nursing) Band 4

Co-requisite: MAT1008 and (NUR1120 or NUR1140)

The mission of this course is for students to develop effective com munication skills to succeed as learners in their higher education studies and as nursing professionals. This course presents an intro duction to the learning styles and practices and information, commu nication and academic practices which students need to develop and demonstrate if they are to perform competently at university, in the nursing discipline and in future professional nursing settings. In the course, students reflect on and develop their learning styles and critical practices, their information literacy and academic and commu nication practices as well as their capacities to develop and structure academic arguments. Their capacities to identify and critically analyse as well as develop sound academic arguments are also covered. As well students will commence building their professional e-portfolio

CMS1009 COMMUNICATION IN ACADEMIC AND PROFESSIONAL CONTEXTS (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

This course requires students to demonstrate their understanding of academic protocols in researching and delivering written and oral assignment tasks. Critical thinking will be encouraged through assign ments which require evaluation of sources and scrutiny of authorial credibility and textual quality. Academic writing by professionals in the field of communication studies will be analysed. Assessment items will test the processes involved in academic communication, including the application of referencing systems, source critiques and the use of appropriate style and tone for different audiences and tasks. The course will require the development of thesis statements, the use of evidence and the construction of arguments in both written and oral assessment items. It develops skills in oral communication through the preparation and delivery of a 'belief and doubt' presenta tion, which will encourage students to think both critically and empa thetically about different points of view. Written communication skills will come from the preparation of both a preliminary and a large-scale essay and a report.

CMS1010 INTRODUCTION TO COMMUNICATION STUDIES (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

This course is designed as a foundation course in Communication Studies. All of our interactions with other people, nations and cultures involve communication processes. This course introduces students to the study of human communication theory and the basic skills of information literacy, textual interpretation and cultural literacy. The course develops skills in communications research, essay and report writing and critical thinking. Through a study of theories of language and communication this course develops more effective communica tion skills and strategies, and it develops strategies for critically inter preting texts and discourses in their social & cultural context.

CMS1012 INTRODUCTION TO MEDIA STUDIES (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

This course is the foundation course in Media Studies. It introduces students to the study of a broad range of media texts, forms, and systems, developing skills in information literacy, media analysis, critical thinking, and essay writing. The course encourages students to develop a critical engagement with the media, but particularly with their roles as media consumers and, where relevant, media producers. One of the features of this course is its engagement with industry: during the course, where possible and applicable, students will be invited to hear from professionals from media industries.

CMS1100 COMMUNICATING IN THE SCIENCES (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

This course presents an introduction to the theory and practice of communication and academic and scientific scholarship. Students study the processes of academic and scientific reading and writing, including research and note taking skills and critical and analytical skills. Students will also study the processes involved in tailoring communication for specific audiences, in analysing tasks and in de veloping and structuring academic and scientific arguments. The importance of identifying and analysing sound arguments is also covered, along with the development of students' oral presentation, interpersonal and group/team communication skills.

CMS2017 AUSTRALIAN TELEVISION (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

Television is a key apparatus of popular culture and one of the most employed media of the Australian public sphere, contributing greatly to the repertoire of cultural meanings and practices of everyday life. Television informs, entertains, reflects and reinforces notions of who we are, what our culture means and how we relate to others. Televi sion feeds into almost all aspects of Australian society including commerce, politics, economics and identity. This course surveys the cultural functions, institutional structures and industry approaches associated with Australian television.

CMS2018 AUDIENCE AND INDUSTRY (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

This course discusses the relations between the culture industries and everyday life, and explores the relations between the economic and the cultural. Cultural goods and services such as media products, marketing/advertising and consumer products will be discussed along with an understanding of audiences and markets within a globalised context. This course provides ways of critically engaging with, and understanding, the culture industries that may be useful to both consumers and professionals.

CMS2019 GLOBAL HOLLYWOOD (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

This course examines the emergence, development, and global ex pansion of the Hollywood film industry, arguably the most famous national cinema in the world. Focusing on contemporary Hollywood, the course takes both a textual and contextual approach and positions the industry in light of changing cultural, economic, industrial, political, and technological contexts. One of the features of this course is its inclusion of regular film screenings that feature a broad selection of Hollywood texts, from classic era to present-day films.

CMS2022 COMMUNICATION AND POWER (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

This course examines the institutional and rhetorical structuring of communication in the exercise of power and control within the public sphere and within society more broadly. This course will explore the shift from centralised to distributed conceptions of power. Power within the centralised state will be compared with power within organ isations and groups within civil society. The mechanisms by which communicative interactions contribute to social integration, mainte nance or subversion of relations of dominance and subordination, privilege and disadvantage will be considered in the context of com peting theoretical frameworks making explanatory claims with respect to these phenomena. The role of mass and alternative media in es tablishing and challenging relations of power will be examined in re lation to debates about environmental issues and the development and adoption of policies relating to environmental, economic and cultural sustainability. The communication strategies of environmental social movements, and their use of social networking technologies and media will provide case studies for exploring theoretical develop ments in communication and media studies. Communication theories relating to propaganda, media effects, agenda setting and framing will be considered.

CMS3001 GLOBAL CONFLICT COMMUNICATION (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

This course provides a communication and media studies perspective to the exploration and understanding of global conflicts. It introduces students to conflict resolution communication skills and principles. The course explores the role of mass and alternative media in global conflict communication. This course explores global conflict commu nication from the perspective of individuals, local communities, nation states, global corporations and NGOs, and transnational agreements, treaties and negotiations. Conflicts over resources' such as minerals, energy, land and water; and over consequences of pollution' such as greenhouse emissions and toxic wastes; are at the heart of most global conflicts today. This course will use case studies that engage students in consideration of sustainability practices and principles for global and local economies, communities, and environment. Case studies in global conflict communication develop and extend under standing of theories and practice of cross cultural communication.

CMS3013 NEW MEDIA (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

This course explores key new media developments, from the devel opment of the Internet to the emergence of online gaming and social networking, and introduces theories of new media. The course en courages students to develop a critical engagement with the media, but particularly with their roles as media consumers and, where rele vant, producers

CMS4001 ISSUES IN PROFESSIONAL COMMUNICATION (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BAHN or MSTA

This course will take an interdisciplinary approach to immersing stu dents of communication, journalism, public relations and the mass media in a range of global communications issues which impact on professional practice. Through class seminars students will be chal lenged to regard their discipline from the viewpoint of its global con text. They will learn to analyse issues and events critically by applying theories of globalisation and the mass media to specific case studies and/or projects.

CMS4006 OZFILM: IMAGE AND INDUSTRY (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BAHN or MSTA

CMS4006 OzFilm: Image and Industry is a course in the Master of Professional Communication (Communication & Media Studies), and in the Bachelor of Arts (Honours) degree. The course offers text and industry studies of Australian mainstream films from the pioneering period of the late 1800s to the present day, with special emphasis on the so-called "New Wave" period of Australian cinema in the 1970s and 1980s. The course theorises Australian cinema as expressing cultural iconicities that are frequently in commercial competition with foreign - especially Hollywood - films. The course critically examines both textual and institutional issues in the context of the perennial Australian dream of a robust, critically respectable and commercially profitable national cinema.

CMS8010 COMMUNICATION RESEARCH METHODOLOGY (FOART - PGRD)

Units 1.0 (Communication & Media Studies) Band 1

This course examines, from both practical and critical perspectives, a range of qualitative and quantitative research methods relevant to professional and academic needs in the communications field. These methods may include focus groups, content and semiotic text analy sis, in-depth interview and survey methods. The course examines these methods in the context of current research issues and practices in the fields of Editing & Publishing, Multimedia, Journalism, Film, Communication, International Communication and Media Studies and Public Relations. The course then addresses the processes in volved in commencing a research project, the ethics of research and questions of validity and reliability.

CSC1401 FOUNDATION PROGRAMMING (FOSCI - UGRD)

Units 1.0 (Programming) Band 2

This course covers foundational programming knowledge (including language syntax and facilities) as well as strategies which allow programmers to apply such knowledge to solve programming prob lems. Students will learn to analyse and comprehend existing pro grams and create solutions to programming problems by generating programs which apply programming strategies covered in the course.

CSC1402 FOUNDATION COMPUTING (FOSCI - UGRD)

Units 1.0 (Information Technology not els) Band 2

This course will provide students with effective practical skills in using a range of computing applications. Students will learn to choose the most effective applications for specific tasks. In particular, students will gain experience in the use of applications to benefit both their course of study at university and their subsequent careers. Students will be expected to produce high quality documents. In addition to practical skills, students will learn about fundamental computer con cepts and the role of computers in our society. Issues involving awareness of how computers impact upon society, such as ethics and privacy, will also be covered. Students must have access to the Internet.

CSC2401 ALGORITHMS AND DATA STRUCTURES (FOSCI - UGRD)

Units 1.0 (Data Structures) Band 2

Pre-requisite: (CSC1401 or CSC2402) or USQIT16 or Students must be enrolled in one of the following Programs: GDTI or GCSC or GDGS or GCEN or GDET or METC or MCOT or MCTE or MCOP or MPIT or MSBN or MSMS

This course addresses various data structures and techniques for algorithm design and analysis. It covers basic data structures such as lists, stacks, queues, trees and graphs within an Object paradigm. The design of various algorithms such as searching algorithms, sorting algorithms and graph algorithms is discussed. This course also addresses other topics such as recursive algorithms and com plexity analysis.

CSC2402 OBJECT-ORIENTED PROGRAMMING IN C++ (FOSCI - UGRD)

Units 1.0 (Programming) Band 2

Pre-requisite: CSC1401 or USQIT16 or Students must be enrolled in one of the following Programs: GDTI or GCSC or GDGS or GCEN or GDET or METC or MCOT or MCTE or MCOP or MPIT or MSBN or MSMS

This course extends the student's basic procedural design and pro gramming knowledge into the object-oriented paradigm. The student will be expected to learn and apply the basic concepts of object-ori ented design and programming, i.e. abstraction, inheritance, and polymorphism, in the context of the C++ language. Key software engineering principles such as decomposition and component re-use will also be emphasised.

CSC2404 OPERATING SYSTEMS (FOSCI - UGRD)

Units 1.0 (Operating Systems) Band 2

Pre-requisite: CSC1401 or USQIT16 or Students must be enrolled in one of the following Programs: GDTI or GCSC or GDGS or GCEN or GDET or METC or MCOT or MCTE or MCOP or MPIT or MSBN or MSMS

This course covers the design and implementation of computer oper ating systems. The major components of operating systems: process management, memory management and file systems are covered in detail. This course uses NACHOS, an instructional operating sys tem developed at the University of California at Berkeley, as the system for case study, laboratory exercises, and programming as signments. Students will have experience of design and implementa tion of a real operating system and a deep understanding of how operating systems work.

CSC2406 WEB TECHNOLOGY (FOSCI - UGRD)

Units 1.0 (Information Technology not els) Band 2

Pre-requisite: CSC1401 or USQIT16 or Students must be enrolled in one of the following Programs: GDTI or GCSC or GDGS or GCEN or GDET or METC or MCOT or MCTE or MCOP or MPIT or MSBN or MSMS

This course conveys the essential skills and knowledge required to create and maintain high quality web documents and the sites where these are located. The course will cover document design and preparation, as well as the more technical issues of web-publishing such as CGI scripts, web site maintenance, and site security. Program material may only be available via the web. Practical classes will be provided for internal students. Experience programming in a high level language is required. Experience with using Linux/Unix is also recommended.

CSC2407 INTRODUCTION TO SOFTWARE ENGINEERING (FOSCI - UGRD)

Units 1.0 (Systems Analysis and Design) Band 2

Pre-requisite: CSC1401 or USQIT16 or Students must be enrolled in one of the following Programs: GDTI or GCSC or GDGS or GCEN or GDET or METC or MCOT or MCTE or MCOP or MPIT or MSBN or MSMS

In this course the student will gain an understanding of the methods, tools and procedures of software engineering. Methods covered in clude a wide range of activities such as project planning, system and software requirements analysis, design, development, configuration management, testing, documentation and maintenance of software. Industry standard system modelling and specification notations will be used throughout the course.

CSC2408 SOFTWARE DEVELOPMENT TOOLS (FOSCI - UGRD)

Units 1.0 (Systems Analysis and Design) Band 2

In this course, students will be introduced to a range of software de velopment tools. Particular attention will be given to configuration management tools (used to build programs from component parts, and to manage the development of the components), common scripting languages and debuggers. The emphasis will be upon tools available under the Unix family of operating systems, though most of the tools are available under other operating environments. A range of the more commonly used general Unix tools will also be covered.

CSC3400 DATABASE SYSTEMS (FOSCI - UGRD)

Units 1.0 (Database Management) Band 2

This course covers the fundamental issues of the relational model, relational languages, database design and query processing. It starts with a structured overview of database systems, their history and application. The relational model is then covered in detail. Relational languages such as the relational algebra and calculus are discussed before introducing the SQL language. Then we cover the Entity-Re lationship model and discuss how ER diagrams are translated to the relational model. Topics on database design principles in this course further include functional dependencies and normalization. Students will gain a good understanding of database design theory and princi ples and be able to develop database systems and application pro grams on a DBMS.

CSC3403 COMPARATIVE PROGRAMMING LANGUAGES (FOSCI - UGRD)

Units 1.0 (Formal Language Theory) Band 2

Pre-requisite: CSC2402 or USQIT16 or Students must be enrolled in one of the following Programs: GDTI or GCSC or GDGS or GCEN or GDET or METC or MCOT or MCTE or MCOP or MPIT or MSBN or MSMS

This course addresses the basic principles of programming lan guages. It emphasizes the structure and the semantics of program ming languages. It covers the major elements of languages such as types, objects, names, scopes, expressions, functions, procedures, parameters and control structures. Run-time storage management is also covered in detail. Students will gain a deep understanding of semantics of programming languages as well as their implementation.

CSC3407 NETWORK FUNDAMENTALS AND ROUTING (FOSCI - UGRD)

Units 1.0 (Networks and Communications) Band 2

This course addresses the layered structure of computer communi cation networks. It focuses on networking basics, routers and routing basics and the most widely used TCP/IP protocol suite. After this course, the students will have not only general knowledge about computer networks but also the understanding and practical skills of cabling and managing routers and TCP/IP Internetworking.

CSC3412 SYSTEM AND SECURITY ADMINISTRATION (FOSCI - UGRD)

Units 1.0 (Information Technology not els) Band 2

This course introduces students to the administration of computer systems and computer networks. Coverage includes system admin istration tools, security techniques, system initialisation, resource management, backups, performance measurement, and network and security administration. Further topics include documentation policy development and disaster recovery. Practical work requires use of Unix- like operating systems on dedicated Intel-architecture PCs or equivalent hardware and software negotiated with the lecturer prior to commencement of the semester.

CSC3413 NETWORK DESIGN AND ANALYSIS (FOSCI - UGRD)

Units 1.0 (Networks and Communications) Band 2

This course will provide the student with the following subjects: queueing theory; performance of communication networks including measurement, modelling and analysis of network performance includ ing reliability, packet loss, throughput and delay, and security; network architecture including layering of networks; network design including dimensioning (deciding how fast/many of the links switches, routers and servers there should be), routing design (where traffic should go), topological design (where to put new links) and security (authen tication, VLAN's, firewalls). In addition, students will tackle a series of example problems of network analysis and design of increasing complexity.

CSC3419 XML AND THE WEB (FOSCI - UGRD)

Units 1.0 (Computer Science not elsewhere) Band 2

This course starts with looking at XML from the perspective of data management. As such, we look at the semi-structured data model and contrast it with the relational data model and unstructured data. Then we briefly look at XML from the perspective of document lan guages, by comparing it to SGML and HTML. In the second module we look at two schema definition languages which enable us to check the validity of XML documents. Next we look at using XML within programming languages, by discussing two parsing techniques for documents. The fourth module studies two query languages widely used in XML tools, namely XPath and XSLT. The latter is contrasted to XQuery in the next module, which looks at native XML databases. Module 6 gives an overview of a selection of markup languages based on XML. Finally, we look at two emerging web developments: Web Services and the Semantic Web, studying such standards as SOAP and RDF. The assessment for this undergraduate course consists of assignments and an end-of-semester examination. Note that students who have completed CSC8409 XML and Semantic Web Services may not enrol in this course.

CSC3420 MOBILE INTERNET TECHNOLOGY (FOSCI - UGRD)

Units 1.0 (Information Technology not els) Band 2

Pre-requisite: CSC3407 or USQIT16 or Students must be enrolled in one of the following Programs: GDTI or GCSC or GDGS or GCEN or GDET or METC or MCOT or MCTE or MCOP or MPIT or MSBN or MSMS

The first topic in the course is quality of service in the Internet, with particular emphasis on AQM's such as RED & ARED, and also the DiffServ standard for managing quality of service. Students will use the NS2 simulator to gain an understanding of these topics. The second topic treated is wireless communication as used in GSM and CDMA mobile phones and the 802.11 standard for wireless LANs. The assessment for this undergraduate course consists of assign ments and an end-of-semester examination. Note that post-graduate students may not enrol in this course and may take CSC8407 Wire less and Internet Technology instead.

CSC3427 SWITCHING, WIRELESS AND WAN TECHNOLOGIES (FOSCI - UGRD)

Units 1.0 (Networks and Communications) Band 2

Pre-requisite: CSC3407 or USQIT16 or Students must be enrolled in one of the following Programs: GDTI or GCSC or GDGS or GCEN or GDET or METC or MCOT or MCTE or MCOP or MPIT or MSBN or MSMS

This course introduces virtual LAN as a tool to provide segmentation, flexibility and security of local area networks. Access control lists are introduced as a measure for enterprise network security. Network Address Translation is discussed as a method to conserve Internet Protocol Version 4 (ipv4) network address space. It also focuses on WAN technologies which spans large geographic areas. After com pletion of this course, the students will be able to describe and select appropriate WAN technologies; handle switches; routers and wireless routers with confidence.

CSC8407 WIRELESS AND INTERNET TECHNOLOGY (FOSCI - PGRD)

Units 1.0 (Computer Science not elsewhere) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: MCOP or MPIT or MCOT or MCTE or MSBI or MSSC or MENC or MEPR or MENS or METC or MSST.

The first topic in the course is quality of service in the Internet, with particular emphasis on AQM's such as RED & ARED, and also the DiffServ standard for managing quality of service. Students will use the NS2 simulator to gain an understanding of these topics. The second topic treated is wireless communication as used in GSM and CDMA mobile phones and the 802.11 standard for wireless LANs. The third and last major topic of the course is optical networks includ ing wave divisions multiplexing, design of robust networks taking into account the WDM and Synchronous Digital Hierarchy network layers. The assessment for this postgraduate course consists of assignments and an end-of-semester examination. Note that students who have completed CSC3420 Wireless and Internet Technology may not enrol in this course.

CSC8408 E-COMMERCE TECHNOLOGY (FOSCI - PGRD)

Units 1.0 (Computer Science not elsewhere) Band 2

Pre-requisite - Students must be enrolled in one of the following Programs: MCOP or MPIT or MCOT or MCTE or MSBI or MSSC or MENC or MEPR or MENS or METC or MSST.

Students will study the techniques for constructing and maintaining an e-commerce site, including the construction of a secure web-server, security management, electronic transaction processing, and web-display of and access to information in a database.

CSC8409 XML AND SEMANTIC WEB SERVICES (FOSCI - PGRD)

Units 1.0 (Computer Science not elsewhere) Band 2

Pre-requisite - Students must be enrolled in one of the following Programs: MCOP or MPIT or MCOT or MCTE or MSBI or MSSC or MENC or MEPR or MENS or METC or MSST.

This course starts with looking at XML from the perspective of data management. As such, we look at the semi-structured data model and contrast it with the relational data model and unstructured data. Then we briefly look at XML from the perspective of document lan guages, by comparing it to SGML and HTML. In the second module we look at two schema definition languages which enable us to check the validity of XML documents. Next we look at using XML within programming languages, by discussing two parsing techniques for documents. The fourth module studies two query languages widely used in XML tools, namely XPath and XSLT. The latter is contrasted to XQuery in the next module, which looks at native XML databases. Module 6 gives an overview of a selection of markup languages based on XML. Finally, we look at two emerging web developments: Web Services and the Semantic Web, studying such standards as SOAP and RDF. The assessment for this postgraduate course con sists of a project to be set in consultation with the examiner. Note that students who have completed CSC3419 XML and the Web may not enrol in this course.

CSC8410 INDEPENDENT STUDIES IN COMPUTING/MATHEMATICS/STATISTICS A (FOSCI - PGRD)

Units 1.0 (Computer Science not elsewhere) Band 2

Pre-requisite - Students must be enrolled in one of the following Programs: MCOP or MPIT or MCOT or MCTE

The course provides the opportunity for a student to pursue an area of study that will complement the other studies in the student's pro gram. Typically, the course will consist of specialised investigations extending knowledge and skills in a certain area. The studies could involve, for example, directed readings, extension of a project (where appropriate), or some other approved activity which would comple ment the student's studies in the program. It is also envisaged that this course could offer an expanded version of an existing course already offered at Level 4. Enrolment in this course is only available to students in Masters and some other Postgraduate programs and such enrolment requires the permission of the Department Postgrad uate and Research Coordinator. Students must discuss their enrol ment in this course with their Program Coordinator before enrolling.

CSC8411 INDEPENDENT STUDIES IN COMPUTING/MATHEMATICS/STATISTICS B (FOSCI - PGRD)

Units 1.0 (Computer Science not elsewhere) Band 2

Pre-requisite - Students must be enrolled in one of the following Programs: MCOP or MPIT or MCOT or MCTE

Contact the examiner to study this course by distance education. The course provides the opportunity for a student to pursue an area of study that will complement the other studies in the student's pro gram. Typically, the course will consist of specialised investigations extending knowledge and skills in a certain area. The studies could involve, for example, directed readings, extension of a project (where appropriate), or some other approved activity which would comple ment the student's studies in the program. It is also envisaged that this course could offer an expanded version of an existing course already offered at Level 4. Enrolment in this course is only available to students in Masters and some other Postgraduate programs and such enrolment requires the permission of the Department Postgrad uate and Research Coordinator.

CSC8415 COMPUTER NETWORK PROGRAMMING (FOSCI - PGRD)

Units 1.0 (Networks and Communications) Band 2

Pre-requisite - Students must be enrolled in one of the following Programs: MCOP or MPIT or MCOT or MCTE or MSBI or MSSC or MENC or MEPR or MENS or METC or MSST.

This course addresses development of network applications and software on the Internet. It covers both the TCP/UDP transport layer programming interface and the methodology of design and implemen tation of real client-server network applications. Upon completion of this course, students will have a good understanding of the TCP/UDP network programming interface and be able to develop non-trivial robust client-server network applications on the Internet. The topics include: Socket address, Elementary TCP and UDP sockets, Design and implementation of TFTP, Daemon processes and inetd super server, Reliable UDP communication and Multicasting.

CSC8416 ADVANCED PROGRAMMING IN JAVA (FOSCI - PGRD)

Units 1.0 (Programming) Band 2

Pre-requisite - Students must be enrolled in one of the following Programs: MCOP or MPIT or MCOT or MCTE or MSBI or MSSC or MENC or MEPR or MENS or METC or MSST.

This course covers the techniques of object-oriented programming in Java, and the characteristics of the Java programming language. The language features such as applets, packages, exception handling and multithreading with concurrent programming are discussed. Java graphical user interface and animation tools are important parts of this course. The advanced topics such as network programming and client/server and Remote Method Invocation (RMI) as well as Java Database Connection (JDBC) are introduced with an executable ex ample.

CSC8417 ADVANCED WEB DATA MANAGEMENT (FOSCI - PGRD)

Units 1.0 (Computer Science not elsewhere) Band 2

Pre-requisite - Students must be enrolled in one of the following Programs: MCOP or MPIT or MCOT or MCTE or MSBI or MSSC or MENC or MEPR or MENS or METC or MSST.

This course has two components. The research-oriented component introduces students to advanced web data management concepts such as transaction support, query optimization, data distribution, semi-structured data management, on-line analytical processing, data mining, information retrieval, and web search engine architec tures. The practical component lets students gain experience applying some of the theoretical concepts in the context of a project.

CSC8419 CRYPTOGRAPHY AND SECURITY (FOSCI - PGRD)

Units 1.0 (Networks and Communications) Band 2

Pre-requisite - Students must be enrolled in one of the following Programs: MCOP or MPIT or MCOT or MCTE or MSBI or MSSC or MENC or MEPR or MENS or METC or MSST.

The course gives a broad overview of methods of implementing se curity services based on cryptography in today's communication networks. Topics to be covered include the fundamentals of contem porary cryptography and its application to network services, such as confidentiality, integrity, authentication, and non-repudiation. We show new ideas in cryptology, such as public key cryptography and zero-knowledge protocols, permit the efficient solutions to the prob lems of digital signature, electronic cash, key exchange, and access control. We analyse the strength of today's ciphers and their imple mentations, and discuss the best known crypto analytical techniques used to break security systems. We analyse the most popular imple mentations of cryptography used on the Internet, including systems for electronic mail protection, secure WWW, and electronic payment protocols. We discuss the ongoing work on the development of American and international standards for secure communications and present the most recent research trends in cryptology.

CSC8420 MOBILE SYSTEMS (FOSCI - PGRD)

Units 1.0 (Systems Analysis and Design) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: MCOP or MPIT or MCOT or MCTE or MSBI or MSSC or MENC or MEPR or MENS or METC or MSST.

The course has two major components, split over four modules. Modules 1 to 3 focus on theoretical aspects related to mobile devices: their operating systems, hardware, and user interface constraints. These topics are treated in a generic manner, comparing and con trasting families of existing devices and systems rather than focusing on any specific product. Module 4 delves into the specifics of creating mobile applications, using tools that allow development for a range of platforms, while focusing on developments for Google's Android system in particular.

CSC8480 COMPUTING COMPLEMENTARY STUDIES A (FOSCI - PGRD)

Units 1.0 (Computer Science not elsewhere) Band 2

Pre-requisite - Students must be enrolled in one of the following Programs: MCOP or MPIT or MCOT or MCTE

The course provides the opportunity for a student to pursue an area of study that will complement the other studies in the student's pro gram. Typically, the course will consist of specialised investigations extending knowledge and skills in a certain area. The studies could involve, for example, directed readings, extension of the project (where appropriate), or some other approved activity which would complement the student's studies in the program. This course can be combined with CSC4490 to provide the opportunity to undertake a larger project. In this case, the overall structure of the two courses is similar to one course, but twice as long. In such cases, at the dis cretion of the Supervisor, the research methodology module from CSC4400 may be included in the student's required workload, includ ing assessment items selected from that module by the Supervisor. This course may also be used as an extension of existing undergrad uate courses in cases where a student undertaking an Honours or Masters program wishes to undertake studies in this area. In such cases, approval for the proposed studies must be sought from the Department Postgraduate Coordinator.

CSC8490 COMPUTING COMPLEMENTARY STUDIES B (FOSCI - PGRD)

Units 1.0 (Computer Science not elsewhere) Band 2

Pre-requisite - Students must be enrolled in one of the following Programs: MCOP or MPIT or MCOT or MCTE

The course provides the opportunity for a student to pursue an area of study that will complement the other studies in the student's pro gram. Typically the course will consist of specialised investigations extending knowledge and skills in a certain area. The studies could involve, for example, directed readings, extension of the project (where appropriate), or some other approved activity which would complement the student's studies in the program. This course can also be used to host an internship, i.e. in some cases students en rolled in this course may work with an employer to undertake a managed project and obtain credit via this course. This course can be combined with CSC8480 to provide the opportunity to undertake a larger project. In this case, the overall structure of the two courses is similar to one course, but twice as long. This course may also be used as an extension of existing undergraduate courses in cases where a student undertaking an Honours or Masters program wishes to undertake studies in this area. In such cases, approval for the proposed studies must be sought from the Department Postgraduate Coordinator.

CST7001 MATHEMATICS FOR LIVING (FOART - NONA)

Units 1.0 (Mathematics) Band 6

Using concepts of self-paced instruction, the course aims to give the student a carefully sequenced series of topics, which will provide the foundation for mathematics that will be encountered in tertiary studies detailed above. The self-paced structure allows students to work at their own pace developing confidence with effective and efficient mathematical problem solving skills. In addition, content of selective modules is a culturally relevant way to represent and portray an In digenous perspective of how mathematical forms are used within their communities, families, language, culture and traditional practices. Hence, Indigenous students will feel comfortable and will relate to the appropriate use of mathematical language and understanding of mathematical processes and concepts from an Indigenous and non-Indigenous view. As a result, this will ensure that students become successful and maintain interest within the arena of mathematics.

CTU3070 CORPORATE SOCIAL RESPONSIBILITY (FOBUS - UGRD)

Units 1.0 (Accounting) Band 3A

This course introduces sustainability frameworks that businesses can use to make business decisions that strike a careful balance between corporate profits, environmental stewardship, and social justice. Emphasis is placed on strategies to resolve ethical conflicts using values-based strategies that respect the needs of all stakehold ers. Students will analyse business practices to identify ethical con flicts that are a result of an overemphasis on corporate efficiency and profits and will have the opportunity to suggest alternative corporate strategies that are beneficial and responsible to all parties.

CTU4080 FAIR LABOUR PRACTICES (FOBUS - UGRD)

Units 1.0 (Human Resource Management) Band 3A

This course is an examination of labour policies, practices, and tools required to build strong employee relations and to ensure fair labour practices. Topics include employment law, employee distribution, collective bargaining and labour unions, health and safety, training and development, and diversity policies and practices. This course approaches these topics from a global perspective and encourages students to become knowledgeable with fair labour practices at home and abroad.

CTU4950 BUSINESS STRATEGY (FOBUS - UGRD)

Units 1.0 (Business Management) Band 3A

TO BE ADVISED

CWR1000 CREATIVE WRITING 1 (FOART - UGRD)

Units 1.0 (Written Communication) Band 1

This course presents an introduction to some of the basic skills in volved in imaginative and professional writing. Students study the essential components of good writing: clear sentences, appropriate vocabulary, logical structure and effective 'voice' There is a focus on the relationship between reading and writing skills, and the identifica tion of writing techniques. Exercises will be given to provide guidance in the process of self-editing. Students will also be required to present their own anthology of selected extracts from writings of their choice, with commentary and editorial observations.

CWR2001 CREATIVE WRITING 2 (FOART - UGRD)

Units 1.0 (Written Communication) Band 1

Pre-requisite: CWR1000

This course builds on and extends basic writing skills acquired in CWR1000. Students undertake exercises to cultivate skills in format, presentation and stylistic fluency. There is an emphasis on the rela tionship between writing and reading, with particular attention to techniques used by skilled writers in different media, including web sites, radio, video, print journalism and fiction. A workshop approach to learning encourages creative collaboration. Assignments are de signed to focus on editing and re-drafting as a core process in the development of effective communication strategies as a writer.

CWR2002 CREATIVE WRITING 3 (FOART - UGRD)

Units 1.0 (Written Communication) Band 1

Pre-requisite: CWR1000 and CWR2001

This course builds on and extends basic writing skills acquired in CWR1000 and CWR2001. A workshop based approach to learning encourages creative collaboration and communal engagement with the challenges of crafting a piece of writing. As public communicators, skilled writers are conscious of the context and purpose of all forms of writing: this consciousness is central to the teaching and learning process. There is an emphasis on the relationship between writing and reading, with particular attention to techniques used by skilled writers in different media, including websites, radio, video, print jour nalism and fiction. Assignments are designed to focus on writing as a continuing personal discipline with incremental skills.

CWR4001 ADVANCED CREATIVE WRITING (FOART - UGRD)

Units 1.0 (Written Communication) Band 1

This course is designed to assist with the development of a fluent and lucid personal style, and to guide students through the sustained development of a work in a literary form of their choice. Artistic and creative approaches to writing are supported through the systematic acquisition of skills in the craft, with an emphasis on what may be learned from literary convention and tradition. There will be a focus on examples from a range of literary forms, including poem, the per sonal essay, fictional narrative, persuasive argument, and dialogue script.

DIP1000 E-LITERACY FOR CONTEMPORARY SOCIETY (OAC - UGRD)

Units 1.0 (Information Technology not els) Band 2

The course guides students through a series of topics and real world situations, which will provide the initial foundation for computing skills necessary for successful transition into contemporary university studies, and also enable students to become competent and au tonomous learners in the digital age. The course will review computer hardware components, a typical university computer based learning management system, computer-based communication, management and storage of information and a range of computing applications, including Open Source software. Embedded within the course content will be the theme of student self-regulation of studying and learning. This will incorporate ideas, concepts and theories including academic self-efficacy, reflective practice and resilience.

DIP1001 ACADEMIC AND PROFESSIONAL ENGLISH (OAC - UGRD)

Units 1.0 (Language and Literature not el) Band 1

This course will provide instruction on the standard of English de manded by faculties and professional organisations. It will aim to improve grammar, sentence structure, logical argument and the as sertive presentation of ideas along with an enhanced ability to clearly understand written texts, whether they be academic or professional journals or texts specific to a discipline. Students will develop skills in detecting correct and incorrect usage and in clearly communicating their ideas in standard contemporary English. The course will identify a number of errors that occur frequently in written English and will aim to make the student aware of false logic and bias in printed ma terials. Embedded within the course content will be the theme of student self-regulation of studying and learning. This will incorporate ideas, concepts and theories including academic self-efficacy, reflec tive practice and resilience.

DIP1002 STRATEGIES FOR SUCCESSFUL STUDY (OAC - UGRD)

Units 1.0 (Mathematical Sciences not else) Band 6

This course introduces the scope, purpose and strategies associated with effective study and learning with particular application to academ ic and professional settings. Students progress through a program which requires them to manage their own learning, establish their own individual goals and develop critical thinking skills through a process of self development. Effective study strategies and attitudes will be developed and applied to areas of professional studies to prepare the student for successful management of higher education study more broadly. Embedded within the course content will be the theme of student self-regulation of studying and learning. This will incorporate ideas, concepts and theories including academic self-efficacy, reflective practice and resilience.

DIP1003 ESSENTIAL MATHEMATICS (OAC - UGRD)

Units 1.0 (Mathematical Sciences not else) Band 6

Using concepts of self-paced instruction the course will guide students through a carefully sequenced series of topics which will provide the foundation for the mathematics that will be encountered in higher education studies. It will provide essential basic competency in the mathematics used in modern professional workplaces. This course allows students to develop confidence with mathematics and general problem solving and study skills. Embedded within the course content will be the theme of student self-regulation of studying and learning. This will incorporate ideas, concepts and theories including academic self-efficacy, reflective practice and resilience.

EAP7310 STUDYING AT UNIVERSITY (OAC - NONA)

Units 1.0 (English Language) Band 1

The course is designed around the acquisition of effective student life skills. An emphasis is placed on independent study and learning skills, effective life style management and self motivation. The inves tigation of learning integrates the acquisition and organisation of knowledge and understanding of learning with life skills. By focusing students' attention on the study and learning processes, individuals are made aware of their competencies and of the learning strategies required in tertiary study. Regular feedback on written work and in class discussion helps them form an understanding of the nature of their own resources and how to learn in a purposeful, organised and appropriate way. The course assumes that, if capable students are made aware of effective learning and study methods, and they can be guided to success in these matters, they will subsequently act to optimise their academic performance.

EAP7320 COMMUNICATION PROCESSES (OAC - NONA)

Units 1.0 (English Language) Band 1

In the course students analyse an assignment question and follow a series of steps towards completing a report and an essay. Note taking from texts develops reading and listening skills. Comprehensible communication of a theme in academic English is required by the course.

EAP7340 ACADEMIC ENGLISH SKILLS (OAC - NONA)

Units 1.0 (English Language) Band 1

There are three parts to the course; each part is conducted simulta neously. Students develop reading skills by processing a range of texts typical of undergraduate reading styles. They also develop academic expository writing skills. The section on listening and speaking develops skills in participating in tutorial presentations at first year university level.

EAP7382 APPLIED COMMUNICATION - LEVEL B (OAC - NONA)

Units 1.0 (English Language) Band 1

The course consists of a series of group oriented problem solving sessions where students practice reading, writing, listening, speaking and academic numeracy skills. Students will submit reports, work sheets and learning activities designed around the degree students wish to enter.

ECO1000 ECONOMICS (FOBUS - UGRD)

Units 1.0 (Economics) Band 3A

Economic concepts and ideas are used in both business and govern ment as the basis for much decision-making. This course introduces students to the main economic concepts and provides them with the opportunity to explore some of the key contemporary business and economic issues. Students not only learn the basic tenets of the discipline, but also able to relate these concepts to understand real-world problems through case studies. These case studies place stu dents in real world situations requiring them to apply their theoretical understanding to explain and critically analyse these problems faced by business and economic managers in the 21st century. It covers both micro and macro economics.

ECO2000 MACROECONOMICS FOR BUSINESS AND GOVERNMENT (FOBUS - UGRD)

Units 1.0 (Economics) Band 3A

Pre-requisite: ECO1000

It is important for businesses, households, and governments to un derstand the macroeconomic environment in which they operate. Consequently, students need to understand macroeconomic theory and be able to apply that theory in interpreting and analysing macroeconomic information, events and policy. This course focuses on contemporary macroeconomic events and theory that may be used in their explanation. Emphasis is placed on the development of skills required for macroeconomic analysis in the context of busi ness and household decision making and government policy.

ECO2001 MICROECONOMICS FOR BUSINESS AND GOVERNMENT (FOBUS - UGRD)

Units 1.0 (Economics) Band 3A

Pre-requisite: ECO1000

Microeconomics is part of the study of how the world works. It deals with business, household and government choices, the design and effects of policy and the efficiency and fairness of the way resources are used in a community. This course focuses upon a range of mi croeconomic principles, their use by economists in economic analysis and their relevance in the global economy. While drawing on the history of economic thought, it emphasises contemporary resource-use issues and the development of the skills of the professional economist.

ECO3002 ECONOMIC POLICY ANALYSIS (FOBUS - UGRD)

Units 1.0 (Economics) Band 3A

Pre-requisite: ECO1000

This course focuses on the role and work of the professional economist and policy analysts in the development and presentation of economic policy advice. Apart from emphasising applied economic analysis, the course addresses issues associated with policy ideology and value judgements, the nature of decision-making in the Australian and other economies, the nature, extent and use of economic power and potential conflict among policy objectives. Students are required to complete a minor essay and a major essay as part of their assess ment.

ECO3030 SUSTAINABLE ECONOMIES (FOBUS - UGRD)

Units 1.0 (Economics) Band 3A

This course introduces students to a way of thinking about environ mental problems and achieving sustainable economic development, based on economic principles. The course provides a background to the study of resource and environmental economics by putting it in the context of economy-environment interdependence and sustain ability concerns, and the fundamental characteristics of an economic approach to environmental problems and their assessment. Both macro and microeconomic principles and their application are cov ered, as is the essence of economic perspectives. Both regulatory and market-based approaches are explored in an effort to protect natural resources and improve environmental quality. General em phasis is placed upon the improvement of economic welfare through the application of economic principles in the search for sustainable economic development.

ECO5000 ECONOMICS FOR MANAGERS (FOBUS - PGRD)

Units 1.0 (Economics) Band 3A

This course will provide managers, potential managers and decision makers with sufficient economic understanding and analytical tools to effectively assist them in decision making in their workplace. These decisions relate to how organisations can best use scarce resources against the backdrop of the economic environment in which firms operate. Economics is a broad discipline, so in this course we will concentrate on topics that mainly affect managers and decision makers. Most of the topics will be discussed with numerous examples and case studies to show how to apply these in real world scenario. The course has a microeconomic component and a macroeconomic component. Both aspects of economics are presented in the pre scribed textbook and book of in action. The microeconomics compo nent examines the decision-making activities of individual consumers and firms as well as groups of consumers and firms called markets. The macroeconomics component of the course explains the behaviour and management of collections of markets known as an economy. Any business manager needs to have a sound understanding of the basic elements of macroeconomics: composition of national output, business cycles, economic growth, movements in prices and employ ment, a simple model of the economy, interest rates and exchange rates, monetary system and policy, fiscal policy and international trade.

ECO8010 CORPORATIONS AND SUSTAINABLE DEVELOPMENT (FOBUS - PGRD)

Units 1.0 (Mgt & Commerce not class) Band 3A

This course examines green management theory in the context of the Rio Principles, Agenda 21, and the International Labour Organi zation's safe and decent work ethic. Topics may include, but not be limited to, green management theory; environmental management systems for business; sustainable development opportunities for business; green profits and sustainability - business as unusual; global initiatives in sustainable business; green skills, safe and decent work, the just transition to sustainable development; and the role of business in the global sustainable development initiatives of intergov ernmental agencies such as the Commission for Sustainable Devel opment.

ECO8011 GLOBAL ISSUES IN ENVIRONMENTAL MANAGEMENT AND SUSTAINABILITY (FOBUS - PGRD)

Units 1.0 (Mgt & Commerce not class) Band 3A

This subject investigates major phenomena perceived to be threaten ing planet earth's environment and consequently the progress of in dustrialisation and the standard of living in both rich and poor coun tries alike. Topics may include phenomena such as: climate change, population growth, food insecurity, ocean degradation, loss of biolog ical diversity, acid rain, ozone depletion. Business responses to these problems are discussed including productivity strategies business might develop as part of society's attempts to countervail such threats to its habitat.

ECO8012 TOOLS AND TECHNIQUES FOR SUSTAINABLE DEVELOPMENT (FOBUS - PGRD)

Units 1.0 (Mgt & Commerce not class) Band 3A

This subject provides an introduction to specific tools and techniques through which individuals, businesses and governments might partly realise their responsibilities to bring forward a just transition to sus tainable development. Three categories of tools and techniques are identified: (1) private sector tools and techniques applicable at pro cess, product and systems levels within households and firms, (2) public sector tools and techniques applicable nationally to help imple ment sustainable development praxis, and (3) holistic design and cognitive capacity building tools and techniques which generally in form both implementation of, and response to, public and private sector tools and techniques. Private sector tools addressed might include financial tools e.g. green investment, process tools e.g. clean and green production, product tools e.g. life cycle analysis, procure ment tools e.g. green purchasing, and measuring tools e.g. climate tracking, carbon footprinting. Public sector topics might include but not be limited to environmental impact assessment, climate change tracking, carbon trading and carbon taxation. Holistic design and cognitive capacity topics covered may include but not be limited to integrative green management, environmental risk management, in tegrated sustainable performance and design for environment.

ECO8060 BUSINESS IN THE INTERNATIONAL ECONOMY (FOBUS - PGRD)

Units 1.0 (Economics) Band 3A

This course is focused on international business strategy in the changing global economy. The participants of international business and the current global business environment are analysed. Trade, government intervention, competitiveness, national policy, and emerging markets are related to international business strategy. National business environment and policies are analysed with em phasis placed on international business strategy, economic integration and globalisation. Key aspects of doing business overseas including multinational corporation activities are reviewed, emphasising inter national business strategy in action. Students will develop a broad vision of international business and its likely future challenges as well

EDC1100 LIFESPAN DEVELOPMENT AND LEARNING (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

This course provides an introduction to the key concepts and issues related to an understanding of human development and learning. Taking a lifespan perspective, the course provides an overview of the constancies and changes in physical, cognitive, and psychosocial dimensions of the individual, and introduces varied views on learning. The reciprocal influence of context, such as educational settings, family, peer group and community environments, will be explored. Students will be encouraged to reflect critically on theories of devel opment and learning as applied to developmental practices across the lifespan and also the implications for themselves as lifelong learners. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, student may be transferred to the WEB offering and advised of this change before semester commences.

EDC1200 SELF, EDUCATION AND SOCIETY (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

In this course, students will come to understand the complex nature of identity formation in the contemporary era, primarily through an in-depth exploration of the socio-cultural influences on their own identity. Students will be required to use basic auto ethnographic techniques and approaches to explore ways in which they have been and continue to be positioned as raced, classed and gendered indi viduals and to then represent aspects of those aspects of their iden tity. This work will require the use of various forms of digital technolo gies, particularly visually-dominant technologies. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, student may be transferred to the WEB offering and advised of this change before semester commences.

EDC1300 PERSPECTIVES IN EDUCATION (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

This course will stimulate inquiry into foundational ideas of education. Students will be exposed to historical and philosophical perspectives from theorists and will analyse how these theories connect to the broad range of contemporary education settings and practices. This course will also address current global, socio-cultural, economic, technological and political factors that may influence the contemporary educator. This course will equip students to think critically, creatively and reflectively about key ideas of education and will engage students in inquiry into the ethical implications of these influences. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, stu dents may be transferred to the WEB offering and advised of this change before semester commences.

EDC1400 FOUNDATIONS OF CURRICULUM AND PEDAGOGY (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

Pre-requisite: Students must have completed any TWO courses from any of the following Subject areas: EDC or EDO or EDU or EDX.

This course will focus on a beginning understanding of curriculum and pedagogy and how educators might create relevant and mean ingful teaching to enhance student learning, in a range of educational settings. Beginning educators will be introduced to selected theories of curriculum and (at times contested) notions of pedagogy. The ba sics of curriculum planning and pedagogical practice across a variety of learning contexts and curriculum areas will also be introduced. Students in this course will reflect on their past experiences and current knowledge in relation to their practical experience in schools or other learning and teaching contexts. Those already working as trainers in TAFE colleges and other industry settings will use their understanding of the theory to inform their current and future practice. Curriculum decision making and pedagogical practices will be ex plored as both a collaborative and systematic process. A 10 day professional experience placement is attached to this course. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, stu dents may be transferred to the WEB offering and advised of this change before semester commences.

EDC2100 MANAGING SUPPORTIVE LEARNING ENVIRONMENTS (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

The course has as its major focus the essential knowledge and skills necessary for beginning educators to: 1. design and implement well organised and managed learning environments, 2. recognise and be responsive to learner backgrounds, characteristics and experiences which might impact upon engagement in learning and behaviour, 3. develop positive relations with learners, 4. facilitate the acquisition of social competencies appropriate to the learning context, and 5. re-direct and correct where necessary, behaviour which impedes or disrupts the teaching-learning process. While these facets of teaching and learning are singled out here, their reciprocal relationship with curriculum and pedagogy will be a feature of their coverage. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, stu dents may be transferred to the WEB offering and advised of this

EDC2200 INDIGENOUS PERSPECTIVES (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

The course is built around themes with a central core based around the presentation of knowledge and experiences through Indigenous Australian perspectives and viewpoints. In so doing concepts may be presented in a manner that differs from the learner's understand ing. The aim of presenting an Indigenous Australian perspective is to correct the imbalance in knowledge and understanding of Aus tralia's history which has predominated since invasion. In the first half of the course, consideration is given to the concepts of culture, society and group and individual identity. An Indigenous Australian perspective on issues created by ignorance and misunderstandings about the sociological, technological and ideological aspects as they relate to indigenous cultures of the world, especially Australia is presented. Without knowledge of the past one cannot appreciate the present or predict the future. The second half of the course investi gates particular aspects of Indigenous Australian cultures. The impact of Government policies and practices will examined with emphasis placed on having an understanding and appreciation of contemporary Indigenous Australia. With this comes the need for understanding of Aboriginal and Torres Strait Islander cultures and projections for the future. Overarching the whole course is a concern to highlight the educational implications of such knowledge and to make students aware of current systemic initiatives such as the Queensland Studies Authority's Indigenous Perspectives program. NOTE: Minimum enrol ment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

EDC2300 ASSESSMENT AND REPORTING (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

This course aims to provide students with opportunities to develop knowledge, skills and practices that will enable them to constructively assess student learning, effectively evaluating and communicating reasoned and professional judgements across contexts to various stakeholders. NOTE: Minimum enrolment numbers apply to this of fering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

EDC2400 DIVERSITY AND PEDAGOGY (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

This course is designed to assist educators to develop their pedagog ical awareness and skills so that they are best placed to cater for the collective and individual educational needs of diverse learning com munities. Students will participate in a broad range of learning con texts focusing on the exploration of best practice in quality teaching for diversity. The socio-cultural, legislative, policy and professional contexts that inform inclusive education will be explored along with their implications for teaching and learning. Students will be given the opportunity to access specialist knowledge and pedagogy asso ciated with a range of issues in Diversity and Pedagogy. Students will be provided with core instructional material dealing with key concepts in the field. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number re quired for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

EDC3100 ICT AND PEDAGOGY (FOEDU - UGRD)

Units 1.0 (Teacher Education not elsewher) Band 5

Pre-requisite: (EDP2111 and EDP2222) or (EDE2101 and EDE2010) or (SPE3001 and EDP2111) or (EDS2401 and EDS2402) or (EDP2111 and EDH2254) or (EDS2401 and EDH2254)

Students will engage with the design and delivery of learning experi ences for individuals and groups employing a range of developmen tally appropriate and flexible teaching, learning and assessment strategies and resources in ICT enriched environments. The course includes a 15 day, school based practicum which provides students with the opportunity to demonstrate their understanding related to ICT and pedagogy and their ability to integrate ICT into the curriculum. This Professional Experience component will provide specific oppor tunities for students to plan, implement and reflect upon their devel oping ICT pedagogy. Students will have an opportunity to meet ap propriate credentialing requirements including the Queensland's Department of Education and Training ICT Certificate and other ICT-related skill requirements appropriate to their intended employment. Resources developed throughout the course may be selected by students for inclusion in their digital portfolios, which they will create throughout the program as evidence of their learning. Note: Minimum enrolment numbers applying to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

EDC4000 PROFESSIONAL PLACEMENT AND PORTFOLIO (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

Pre-requisite: (EDG2001 and (EDG2001 or EDS2401) or (EDC3100 and EDE4103) or (EDC3100 and EDP3333 and EDP4130) or (EDC3100 and EDS4401) or (EDC3100 and EDV4440) or
Co-requisite: EDG3000

Students will seek the authorisation of a host site to undertake 20 day professional placement. In Queensland schools this will also re quire an internship authorisation from the Queensland College of Teachers: equivalent processes may be required in other jurisdictions. Students are also able to elect to undertake the placement in a non-school setting (such as a community-based education context or in industry) subject to the approval of the Faculty of Education. In all settings appropriate arrangements for mentoring and supervision will be required as part of the process of approval of proposed place ments. In schools or other settings students will each undertake lead responsibility for teaching or other work activities equivalent to 50% of the normal load of a fulltime educator at the site. Students will contribute in a secondary role to the remaining 50% of a fulltime load with the range of duties involving the full repertoires of practice in which educators engage in schools or professional community. Stu dents will draw on the prior learning and experiences that inform their personalised frameworks of practice that delineate the roles and re sponsibilities of contemporary educators as global citizens. They will be able to make connections between theory and practice and the professional standards for educators (such as the Queensland Col lege of Teachers' Professional Standards for Teachers) and will document these connections through a personalised e-portfolio.

EDE2010 PLAY AND PEDAGOGY I (FOEDU - UGRD)

Units 1.0 (Teacher Education: Early Child) Band 5

Pre-requisite: EDC1400 or EDU1010

This course will introduce play as a vehicle for learning and seeks to introduce students to appropriate practice in programming in early childhood contexts. This course considers play in a developmental perspective and investigates types of play, general patterns of play, general characteristics of play and appropriate play materials. The course also considers the creation of motivating and challenging play environments and the way that creativity and inquiry develops through play. Aspects such as gender and culture are also considered in prior to school settings. A 15 day professional experience placement is attached to this course. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the EXT or WEB offering and advised of this change before semester commences.

EDE2101 EARLY CHILDHOOD EDUCATION CONTEXTS (FOEDU - UGRD)

Units 1.0 (Teacher Education: Early Child) Band 5

Pre-requisite: EDC1400 or EDU1010

This course presents an introduction to the theory and practice of developing effective learning environments for young children and their families. Students study the social ecology of childhood that underpins the emergence of children's voice and participation in contemporary learning communities. It also requires individuals to possess an understanding of local, national and international perspec tives and the concomitant relationship that enables and constrains different philosophical and pedagogical approaches. A 15 day profes sional experience placement is attached to this course. NOTE: Mini mum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, stu dents may be transferred to the EXT or WEB offering and advised of this change before semester commences.

EDE2201 DEVELOPMENT AND LEARNING: BIRTH - 8 (FOEDU - UGRD)

Units 1.0 (Teacher Education: Early Child) Band 5

This course examines the major theories, features and processes of language, social, emotional, cognitive and motor development during early childhood from the prenatal period to eight years of age. Knowledge of contexts, their impact on individual development, and an awareness of the interrelationships between each area of devel opment is necessary in order to develop an understanding of how children think and learn. This course also explores a range of obser vational and documentation techniques that are used by educators to understand and analyse young children's development as the basis for planning and organising appropriate educational opportunities in early childhood. Access to a child aged from birth to eight is required to complete the assessment for this course.

EDE3009 PROFESSIONAL PRACTICES IN EARLY CHILDHOOD (FOEDU - UGRD)

Units 1.0 (Teacher Education: Early Child) Band 5

This course will introduce beginning early childhood educators to employment and management issues which will be expanded in a subsequent administration course and will offer professional develop ment designed to assist with individual career commencement. It will incorporate practical skills for early childhood educators seeking employment, working with other staff and the community, responding to policy change and maintaining procedures which reflect current legal and ethical requirements. Current issues and trends in the early childhood field will be related to policy directions and the role of the early childhood professional in research, leadership, change management, conflict management, communication, policy develop ment and advocacy. This course will also focus attention on profes sional self-renewal.

EDE3103 PLAY AND PEDAGOGY II (FOEDU - UGRD)

Units 1.0 (Teacher Education: Early Child) Band 5

Play resides as a central theme within the course, and students ex amine the role of play as integrative in the curriculum. To this end, they are engaged in exploring children's thinking and communication, to develop-in-depth skills in the documentation, and interpretation of play. Further to this, students explore how children's play can be scaffolded and evaluated within a play-based, integrated curriculum. Models of curriculum are explored, particularly as they apply to con temporary early years contexts. The nature of the 'integrated curricu lum' is examined, both theoretically, and in its practical applications, both in Australia and internationally. Students examine a range of curriculum traditions, and compare them to recent constructions of children and childhood. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester com mences.

EDE4010 LEADERSHIP AND MANAGEMENT IN EARLY CHILDHOOD (FOEDU - UGRD)

Units 1.0 (Teacher Education: Early Child) Band 5

This course will introduce students to the key elements of leadership, management and administration for early childhood settings; the value and importance of personal and professional critical reflection; and the role of and support provided by community and government agencies to build human capacity with the early childhood workforce. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

EDE4012 CROSS-CULTURAL COMMUNICATION IN EARLY CHILDHOOD (FOEDU - UGRD)

Units 1.0 (Teacher Education: Early Child) Band 5

This course examines the relationship of language and culture to communication in the early childhood learning environment and wider school community context. It provides an introduction to second lan guage teaching pedagogy, including second language learning/ESL, development and assessment, the communicative approach, inter cultural literacy and reflective practice. The nature of effective lan guage learning environments and the way linguistic, socio-cultural, psychological and psycholinguistic factors may impact on second language learners in mainstream are also considered. Strategies to support effective cross-cultural communication in the classroom and in the school community, and approaches to managing ESL children's English language development are explored, including a special focus on cross-cultural communication as it applies to Australian Aboriginal and South-East Asian cultures. Approaches to curriculum and criteria for evaluation, selection and production of materials designed to de velop children's communicative skills, including the use of ICTs in second language programs are also considered. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

EDE4103 MULTILEVEL EARLY CHILDHOOD PEDAGOGY AND CURRICULUM (FOEDU - UGRD)

Units 1.0 (Teacher Education: Early Child) Band 5

Pre-requisite: EDC3100

This course will provide practical frameworks for making curriculum effective and meaningful for children in the early years of school. It is designed to assist students to develop confidence and professional competence necessary for creating responsive learning and teaching environments in the early years of school in multi-age contexts. This course will investigate curriculum priorities in the early years of school and will explore school and institutional policy and practice. It will in volve an in- depth and critical examination of curriculum documents with particular emphasis on teaching in P-3 multi -age settings. Stu dents will explore organisation and administration of P-3 classes in which they will experience their teaching practice. Emphasis will be placed on the development of integrated, authentic inquiry -based programs and assessment with a strong focus on incorporating early childhood philosophy and pedagogical approaches in the early years of school. A 25 day professional experience placement is attached to this course. NOTE: Minimum enrolment numbers apply to this of fering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

EDG2000 DESIGNING FOR LEARNING (FOEDU - UGRD)

Units 1.0 (Teacher Education not elsewher) Band 5

Pre-requisite: Students must be enrolled in one of the following Programs: GDTL or GDTO.

Through this course pre-service educators are introduced to basic concepts and developmental issues connected to research and the skills and strategies of observation necessary to apply these to an educational setting. The influence of the similarities and differences in both learners and learning environments will be explored in relation to effective educational practice. They will explore the range of social and political forces that interact to shape the nature of educational contexts and environments within educational sites. Students will begin to explore a range of planning styles, ranging from single lessons to a sequence of learning, with provisions made for diversity among learners. The course aims to provide opportunities for students to develop their general teaching skills and pedagogical content knowledge through systematic reflection: the integration of assess ment (for & of learning), content, learning and teaching. The course provides for 15 days of Professional Experience to an identified school.

EDG2001 INQUIRY THROUGH THE CURRICULUM 1 (FOEDU - UGRD)

Units 1.0 (Teacher Education: Primary) Band 5

Pre-requisite: Students must be enrolled in one of the following Programs: GDTL or GDTO.

This course has three connected components: the content areas associated with four of the learning areas associated with the curricu lum documents, the pedagogical approach of inquiry for learning and an integrated curriculum design. The four learning areas associated with this course are: Studies of Society and Environment (SOSE), History, The Arts, and Languages. Students will be required to devel op short term learning plans which demonstrate knowledge of appro priate curriculum documents and the integration of knowledge and skills across learning areas utilising a pedagogy based on inquiry. These plans will need to demonstrate how assessment for and of learning are integrated into the design and proposed delivery of these learning episodes. The course provides for 15 days of professional attachment to an identified school.

EDG3000 DESIGNING FOR DIVERSITY (FOEDU - UGRD)

Units 1.0 (Teacher Education not elsewher) Band 5

Pre-requisite: (EDG2000 and EDG2001) or (EDG2000 and EDS2401)

Building on the concepts and understandings in EDG2000 Design for Learning, this course will expand on the exploration of whole-site and individual-educator approaches to the establishment of inclusive learning environments. Awareness of how particular sites respond to particular features of their socio-cultural communities is explored through the lens of a social justice approach to meet the needs of diverse groups in contemporary education and community locations. Students will be required to demonstrate competence in constructing and implementing long term plans and associated assessment activ ities and procedures for the educational program in which they are involved. The skills, attitudes and behaviours that promote effective relationships and collaboration will be identified and practised. The course provides for 25 days of professional attachment to an identified school.

EDG3001 INQUIRY THROUGH THE CURRICULUM 2 (FOEDU - UGRD)

Units 1.0 (Teacher Education: Primary) Band 5

This course has three connected components: the content areas associated with four learning areas associated with the Queensland and Australian curriculum documents, the pedagogical approach of inquiry for learning and an integrated curriculum design. The four learning area associated with this course are: Mathematics, Science, Technology, and Health and Physical Education . Literacy skills and ICT integration are central to Teaching and Learning in the 21st Century. Students will be required to develop unit learning plans which demonstrate knowledge of appropriate curriculum documents and the integration of knowledge and skills across learning areas utilising a pedagogy based on inquiry. These plans will need to demonstrate how assessment for and of learning are integrated into the design and proposed delivery of these learning episodes.

EDH1150 SOCIOCULTURAL FOUNDATIONS OF SPORT AND PHYSICAL ACTIVITY (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

This course aims to provide students with the opportunity to interpret and discipline areas and issues related to sociocultural foundations of sport and physical activity and to become increasingly independent and reflective learners. It is expected that you will develop skills in a range of understandings and competencies for interpreting and analysing sport and physical activity issues within the wider and complex social environment of Australia and The World. The course adopts the view that sport and other forms of physical activity are microcosms of a larger community and as such reproduce and em phasise the dominant ideologies of that community. The opportunity for active participation in the course is provided via reflection on personal experiences and acquired knowledge through cooperative group-work, discussion forums and feedback sessions.

EDH2151 PRACTICAL STUDIES IN SPORT AND PHYSICAL ACTIVITY (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

This practically based course seeks to provide the opportunity for students from all backgrounds to engage in a variety of physical ac tivities and gain some understanding and proficiency in these. It caters for people with a wide range of experience and skill and is designed for preservice teachers; those who wish to become involved as sports professionals; or any student seeking to complete a physical activity based elective as part of their study program. Students will become more knowledgeable about various physical activities, enjoy participating in these for the social, emotional and physical benefits and be able to apply some of the knowledge to personal and/or pro fessional contexts. To ensure a more complete experience and pro vide the opportunity to specialise in a particular activity the course participants will be required to undertake roles in coaching, officiating, health and/or teaching in the community, through a commitment of time outside course attendance this has been factored into the course requirements. This course provides the opportunity to develop an understanding of the role of physical activity in quality of life and ap preciate the wide range of possibilities and benefits of personal and group participation. For those wishing to become Sports and HPE professionals the course will be invaluable in developing an analytical understanding of the consequences of certain pedagogical models used in the course.

EDH2152 HEALTH AND WELLBEING (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

This innovative course offers students from a range of disciplines the opportunity to develop a deeper appreciation of the enablers and barriers to positive and equitable health outcomes and environments and contexts that impact on key health and wellbeing issues. An un derstanding of these factors will help practitioners implement health enabling actions and behaviours as part of interagency and multi-sector partnerships. This course is designed to provide education students as well as those students interested in community or child health with an understanding of the social view of health and the im plications of actions to promote health in communities and popula tions. It will provide an overview of world health issues and the current health phenomenon will be explored including a biomedical model as well as multidimensional and social ecological models. Students will gain a deeper understanding of current health promotion and in tervention strategies as well as the historical and current paradigms for understanding paediatric, adolescent and ages health issues. Students will leave with an appreciation of the current state of health in Australia and internationally, a respect for the need of a multi-dis ciplinary approach, and their part in this process. Should enrolments not reach the minimum number required for on-campus study, stu dents may be transferred to the WEB offering and advised of this change before semester commences.

EDH2253 BIOPHYSICAL FOUNDATIONS OF SPORT AND PHYSICAL ACTIVITY (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

The philosophy underlying this course is that there is knowledge base that is important for a myriad of specialised areas of interest, such as movement education, health education, fitness, physical therapy, rehabilitation and even medicine. In response to this philosophy, this course provides the undergraduate student with an introduction to the relationships between functional anatomy, mechanics of move ment, movement control and metabolic responses and psychological issues to various levels of activity and exercise. The key elements within these sub-disciplines are explored to provide grounding in the principles on which movement is based

EDH2254 PEDAGOGY IN SPORT, HEALTH AND PHYSICAL EDUCATION (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

Pre-requisite: EDC1400 or EDU1010

This course is designed for HPE teachers, Sports Coaches, Personal Trainers and associated Sports Professionals, to construct tangible links between theory and practice related to teaching and learning. The course will explore the nature of Sport, Health and Physical Ed ucation teaching and investigate a wide range of information on teaching and learning practices. This course is focused on presenting an advanced level of knowledge of pedagogical information promoting higher level mastery of teaching and learning strategies across all ability levels and age groups. Relevant pedagogical approaches to teaching and learning in Sport, Health and Physical Education will be outlined and evaluated. Students will examine traditional and contemporary pedagogical issues related to sport, Health and Phys ical Education through multiple and varied learning experiences. This course will explore contemporary literature as well as personal and peer practices for teaching and learning in Sport, Health and Physical Education contexts. This course seeks to encourage the review, re construction and reshaping of current practices in light of relevant research.

EDH3155 ADVANCED BIOPHYSICAL STUDIES IN SPORT AND PHYSICAL ACTIVITY (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

Pre-requisite: EDH2253 or EDO2462

The philosophy underlying this course is to build on the foundation course and to provide an advanced knowledge base that is important for a myriad of specialised areas of interest such as movement edu cation, health education, fitness, physical therapy, rehabilitation and indeed medicine. In response to this philosophy, this course provides the student with advanced knowledge of the relationships between mechanics of movement, movement control and psychological skills training for performance to various levels of activity and exercise. The key elements within these sub-disciplines are explored to provide skills training in the principles on which movement is based. Students completing this course will engage in a variety of physical activities as part of lab experiences and class exercises. The opportunity will be provided in the assessment items for students to specialise within certain discipline areas and undertake tasks of particular interest.

EDH3257 ADVANCED CURRICULUM STUDIES IN HEALTH AND PHYSICAL EDUCATION (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

Pre-requisite: EDX1450

This course is the concluding course in the Health and Physical Ed ucation specialisation. It builds on curriculum and pedagogical knowledge established through the completion of the suite of courses in the HPE specialisation through detailed exploration of contemporary curriculum and pedagogical issues. Central to the course will be a detailed investigation of curriculum issues, and the social perspectives framing these issues that relate directly to the teaching of HPE in Queensland schools. A review of pedagogical practices outlined in syllabus documents and in research literature as they contribute to effective HPE will be completed. This course will focus on the design of relevant learning experiences, assessment and reporting and re flective practices. The opportunity will be provided to further develop skills in a range of understandings and competencies for interpreting and managing the HPE classroom as a complex social environment for teaching and learning. All aspects of work program, unit and lesson planning and the design of assessment instruments, teaching and evaluation will be presented using relevant syllabus documents. In formation will also be provided with regards to procedures for preparation, monitoring and review of school work programs. The course will further explore the relationships between educational theory and classroom practice through the use of tutorial and/or suggested practical experiences. The opportunity to experience, plan and implement practical teaching skills and display the ability to be come an independent and reflective learner will be provided in this course. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

EDO2104 FAMILIES AND SOCIETY (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

This course introduces students to the changing nature of the form, structure and function of the family in contemporary society. Oppor tunities for cross-cultural comparisons and explorations will be pro vided. The course will also examine the nature and effect of social policies as they impact on socialisation. The implications of gender, class and ethnicity dimensions on families will be addressed. Social institutions such as education, religion, economy and government will be examined insofar as they impinge on and reflect changes in the role and form of contemporary family structures. Particular atten tion will be paid to the impact of government and economic policies and directions on services for young children and their families.

EDO3112 MIDDLE YEARS 2 (FOEDU - UGRD)

Units 1.0 (Teacher Education not elsewher) Band 5

This course will enable pre-service educators to develop competence in engaging early adolescents with purposeful learning. It will assist those enrolled to develop an understanding of factors which impact on adolescent learning including physical and emotional development, relationships and school or sector transitions. These factors will then be further explored within a school context as students complete a school based case study and propose classroom and whole school strategies to enhance student engagement, success, resilience, partnerships, tolerance and emotional wellbeing.

EDO3211 TEACHING IN GLOBAL CONTEXTS (FOEDU - UGRD)

Units 1.0 (Teacher Education not elsewher) Band 5

Through completing this course, students will develop an understand ing of the range and complexity of uses impacting on student learning and teaching in different contexts. Students will explore theories re lating to curriculum design and pedagogy for global contexts, as well as strategies for enacting those theories in specific international contexts. The course has an opportunity for students to participate in a placement organised by USQ with an international partner insti tution such as Montana State University and Bangkok Sarasas Ektra School Thailand. However, the international placement arrangements are optional and subject to the student meeting all acceptance require ments including successful completion of two professional experience placements through USQ.

EDO3341 TEACHING IN RURAL AND REMOTE COMMUNITIES (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

This course will emphasise issues relating to the structure of educa tion in rural and remote Australia, teaching practice and curriculum delivery methods appropriate to this context. Topics will include the integration of advanced teaching technologies and pedagogies with current information and communication technologies, concerns related to professional development and teacher support processes, school management issues, processes designed to support community re lationships, and the political and systemic context of rural and remote education. Teaching methodology for this course will incorporate an experiential component which familiarises students with an array of educational agencies providing services to rural and remote commu nities. Understanding of the needs of specific rural and remote edu cation agencies will be further developed through a process of mod elling, simulation and role play. Participation in an analysis of both the larger policy context relevant to small rural schools and the ad ministrative expectations appropriate for these settings will complete the preparation of the beginning teacher for a rural and remote placement. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

EDO3377 TEACHING THE NATIONAL CURRICULUM : ENGLISH (FOEDU - UGRD)

Units 1.0 (Teacher Education not elsewher) Band 5

In this course pre-service teachers will focus upon poetry, prose and drama from a range of traditional and contemporary contexts, so as to enhance their personal repertoires of practice and knowledge of literature and language. Through reading, creating and sharing literary texts participants will have opportunities to enhance their personal understanding, skills and knowledge of grammar and literacy for teaching in Australian contexts, bringing the potential for learning to be transferred to global contexts. This course complements EDX1170, EDX2170 and EDU3270 in its approaches to literacy, focusing specifically upon literature and language for the Australian Curriculum for English.

EDO3471 MULTILITERACIES: UNDERSTANDING TEXTS (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

Pre-requisite: Students must have satisfactorily completed at least one of these followings courses: EDX1170 or EDX2170 or EDX3270

This course provides in-depth study of the textual and language features of a range of texts, including print, visual and multimodal. Students will learn about functional grammar and they will learn to analyse the language and textual features of a range of genres and text types. They will also develop a metalanguage which will enable them to be effective literacy teachers across curriculum areas. These activities will provide opportunities for students to develop their own writing skills while learning about the effective teaching of writing. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

EDO3472 READING THE VISUAL IN CHILDREN'S LITERATURE (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

The historical development and role of art and illustration in children's literature will be studied along with the media and techniques used by illustrators. Critical study of the roles of and relationship between the illustrative and written text and the development of skills for social critical analysis of illustrative text will provide a further context in which to examine historical development, role, media and techniques of illustration.

EDO3475 MUSIC IN ARTS EDUCATION (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

This course will introduce students to the knowledge and skills that will help facilitate meaningful, developmentally appropriate, authentic and engaging music experiences in a range of school contexts. Stu dents will investigate the unique nature of music concepts and com ponents, associated music pedagogical principles, and also music curriculum practices and procedures within music education. They will develop compositional, performance, listening and appreciation skills in music while building their own philosophy of music pedagogy. Technological applications will also be investigated as these con tribute to the creative production of artistic goals in the fields of composing, notating, performing, recording and self-expression through sound.

EDO3476 DRAMA IN ARTS EDUCATION (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

Students will focus on expressing and communicating their under standings about human issues and experiences, through enactment of real and imagined events. Through dramatic role (voice, gestures, and dramatic movement in the performance space); purpose and context (time frames, language, place, space and mood); structure (role-play, story, scenarios and scripts, styles or forms) students will investigate various contemporary issues, actions, and consequences that have local, national and global relevance. Students will be en gaged in creating, presenting and responding. Through creating dramatic performances the focus will be on control, management and synthesis of the elements and conventions of drama. Secondly, through presenting of dramatic performance students will rehearse, refine, share and perform self-devised and scripted dramatic work. Finally through responding to dramatic performance students will describe, analyse and evaluate their own and other dramatic work. Through their engagement in the historical and socio-cultural dimen sions of drama, students will develop an understanding of global cit izenship in their roles as educator, artist, actor and audience. Educa tors will also be required to familiarise themselves with curriculum documents and relevant literature and collate resources that will support the development of pedagogical strategies for teaching drama in the Arts.

EDO3500 ALTERNATE PROFESSIONAL EXPERIENCE (FOEDU - UGRD)

Units 0.0 (Teacher Education) Band 5

As enrolment in this course is a negotiated substitute for enrolment in a scheduled professional experience course, this course will consist of the teaching and learning experiences of the 'replaced' course. In that sense the topics, objectives, reference materials, assessment activities and the requirements to pass the course will differ from student to student, depending on the course that is being replaced.

EDO3501 NEGOTIATED PROFESSIONAL EXPERIENCE (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

As enrolment in this course is a negotiated substitute for enrolment in a scheduled professional experience course, this course will consist of the teaching and learning experiences of the 'replaced' course. In that sense the topics, objectives, reference materials, assessment activities and the requirements to pass the course will differ from student to student, depending on the course that is being replaced.

EDO3505 NEGOTIATED ACADEMIC PROJECT (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

As enrolment in this course is a negotiated substitute for enrolment in a scheduled academic course, this course will consist of the teaching and learning experiences of the 'replaced' course. In that sense the topics, objectives, reference materials, assessment activi ties and the requirements to pass the course will differ from student to student, depending on the course that is being replaced.

EDO3561 TEACHING THE NATIONAL CURRICULUM: SCIENCE (FOEDU - UGRD)

Units 1.0 (Teacher Education not elsewher) Band 5

Authentic science and society education, as presented in this course, will include the construction of knowledge and its transformation into meaning open inquiry and an appreciation of values within the broader scientific and educational community. Problem-solving skills will be advocated in the course and an attitude to science that incor porates honesty, open-mindedness and information sharing will be promoted. Students will experience scientific inquiry which includes learning in contexts characterized by ill-defined problems. They will experience uncertainties, ambiguities, and the social nature of scien tific work and knowledge. Students will experience processes of in quiry in which knowledge and practices are shared. This course will focus on science of our universe, and the earth as a system.

EDO3681 TEACHING THE NATIONAL CURRICULUM: MATHEMATICS (FOEDU - UGRD)

Units 1.0 (Teacher Education not elsewher) Band 5

This course focuses on the content knowledge required by teachers from Prep to Year7. It will cover the content from the five curriculum strands appropriate for this age range namely: Number sense and Numeration; Geometry; Patterning and Algebra: Data Management and Probability: and Measurement. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

EDO3682 HIGHER ORDER THINKING: MATHS P-7 (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

This course aims to consolidate knowledge, skills and understanding of the specialised mathematical concepts, processes and affects that develop during the critical pre-primary and primary years of children's education. Students will explore higher order thinking in mathematics education to appreciate the significance of problem-solving strategies and heuristics appropriate for children as they emerge as mathemat ical thinkers. Students will explore avenues to foster and encourage language and risk taking in mathematical contexts with young children which are essential ingredients for children to solve problems and reason mathematically.

EDO3760 SPECIAL TOPIC IN EDUCATION (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

The course is organised very differently from other Faculty of Educa tion courses. Individual students experiences will be of a course within a course. The topics and/or issues covered are dependent on which of the two purposes (see Rationale above) applies to individual enrolments. Students who have negotiated individual study projects with their Program Coordinator will work directly with a supervisor nominated from within the Facultys academic staff. Individual arrange ments for communication between students and staff will be agreed between the students and staff concerned and will vary from time to time. The StudyDesk may be a medium of communication but indi vidual contact is more likely in the case of these individual student projects. Where potential new courses are being trialled via enrolment in EDO3760, separate classes will be established on the StudyDesk for each such course. Learning experiences and content will vary from course to course, according to information made available to students via the class groups on the StudyDesk.

EDO4351 HONOURS PROJECT 1 (FOEDU - UGRD)

Units 1.0 (Education Studies) Band 5

Students will, under the guidance of a member of staff, pursue an in-depth study of a topic relevant to the field of education, and in partic ular to the focus of the student's major study area. Students who have completed the research methodology course will build upon their research proposal. Other students will undertake an embedded module on action research methodologies prior to commencing their action research project. Honour students completing this course will complete a research project and provide a final report following sub mission guidelines for honours. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the EXT or WEB offering and advised of this change before semester commences.

EDO4352 HONOURS PROJECT 2 (FOEDU - UGRD)

Units 2.0 (Education Studies) Band 5

Students will, under the guidance of a member of staff, pursue an in-depth study of a topic relevant to the field of education, and in partic ular to the focus of the student's major study area. Students who have completed both the research methodology course and EDO4351 Supervised Project will undertake a research project leading to the submission of a written research report and must provide a final report following submission guidelines for honours.

EDO4675 RESEARCH APPROACHES FOR CONTEMPORARY EDUCATORS (FOEDU - UGRD)

Units 1.0 (Teacher Education not elsewher) Band 5

The course is divided into two sections. The first section presents selected philosophical and methodological debates about the purpos es, types, elements and effects of contemporary educational research. The second section considers the main components of desigining an effective, efficient and ethical educational research proposal. Each section is underpinned by a range of resources gleaned from contem porary educational research. These resources are designed to high light key debates and divergences as well as to suggest possible strategies for planning, conducting, reporting, publishing and evalu ating educational research.

EDP2111 THE MIDDLE YEARS (FOEDU - UGRD)

Units 1.0 (Teacher Education: Primary) Band 5

Pre-requisite: EDC1400 or EDU1010

This course aims to assist pre-service teachers to develop an appre ciation and understanding of the uniqueness of the Middle Phase learner. Pre-service educators will explore the concept of middle schooling and develop an understanding of how adolescent physical and emotional development impacts on student learning and wellbe ing. Pre-service educators will develop learner-centred and active teaching methods aimed at enhancing student engagement and quality learning outcomes. Students will explore and develop strate gies that enhance Middle years' student engagement, success, re silience, partnerships, tolerance and emotional wellbeing. This under standing will provide a basis for the creation of supportive and chal lenging learning environments that contribute to the health and suc cess of middle years' learners. A 10-day professional experience placement is attached to this course. Intending students should be aware that they require regular access to electronic resources includ ing email and the Internet. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester com mences.

EDP2222 PEDAGOGY AND CURRICULUM 2 (FOEDU - UGRD)

Units 1.0 (Teacher Education: Primary) Band 5

Pre-requisite: EDC1400 or EDU1010

In the standard enrolment pattern this is the third "professional expe rience" course in the Bachelor of Education (Primary) specialisation. The course provides for students to have experience in theory and practice of pedagogy and curriculum across all areas of the P-7 cur riculum, but has a particular focus on Mathematics/Numeracy. The course has three main strands: Teaching and Learning; Relationships; and Reflective Practice. In the Teaching and Learning strand, the focus is on planning and evaluating learning experiences; in the Re lationships strand, the focus is on planning for the establishment of secure learning environments that value learning; and in the Reflective Practice strand, the focus is on using evaluation of student learning to inform ongoing planning for teaching and learning. The course provides for a 15-day professional experience placement. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, stu dents may be transferred to the WEB offering and advised of this change before semester commences.

EDP3333 PEDAGOGY AND CURRICULUM 3 (FOEDU - UGRD)

Units 1.0 (Teacher Education: Primary) Band 5

Pre-requisite: (EDP2111 and EDP2222) or (EDP2111 and SPE3001) or (EDP2111 and EDH2254)

This course further develops the theoretical perspectives presented in Pedagogy and Curriculum 2 and deals with current initiatives in curriculum design and pedagogical practice, particularly the move to standards-based curriculum, and the pedagogical implications of contemporary ideas of knowledge, its construction and practice. The beginning teacher will draw on this content, reflecting on curriculum and pedagogical practices in different contexts, in order to develop the necessary skills and understandings for planning and teaching engaging learning experiences. As they explore and reflect upon the roles that contemporary teachers adopt, students will become more able to apply their knowledge through practical judgements in a range of contexts. Intending students should be aware that they require regular access to electronic resources including email and the Inter net. The course provides for a 15-day professional experience placement.

EDP4130 TECHNOLOGY CURRICULUM AND PEDAGOGY (FOEDU - UGRD)

Units 1.0 (Teacher Education: Primary) Band 5

Pre-requisite: EDP3333 and EDC3100

Students will become familiar with contemporary curriculum and pedagogy for technology education, with an emphasis on current Queensland curriculum supplemented by material from relevant na tional and international sources that will equip them to apply their knowledge in a variety of contexts. The course will emphasise expe riential learning appropriate to technology education by engaging students in individual and collaborative activities that require them to use the technology process to conceptualise, develop, implement and evaluate solutions to relevant design challenges. An attached professional experience will provide students with opportunity to in vestigate the implementation of technology education in an appropri ate setting. The course provides for a 15-day professional experience placement.

EDP4140 SECOND LANGUAGE LEARNING AND PEDAGOGY (FOEDU - UGRD)

Units 1.0 (Teacher Education: Primary) Band 5

This course is designed to introduce students to what language is, how meaning is realised in language use and how it operates in mainstream learning environments in English. In this course, recent research in cognitive processes and strategies involved in second language learning, individual learner characteristics, social and cul tural factors affecting language identity, development and communi cation is experienced through theory and case studies. Intercultural language teaching methodology, sequencing and second language teaching macroskills of listening, speaking, reading and writing are developed with grammar and vocabulary as tools for enhancing the communicative competence of culturally diverse learners in a range of learning and social contexts. Students will become familiar with language policies, bandscales for ESL learners, needs of second language learners, and will develop a portfolio of resources for pro fessional use. Information Literacy will be developed through explo ration of Internet sites including Education Queensland Internet re sources, professional ESL networks in Australia and abroad, and readings focusing upon principles and practice in languages educa tion. Successful completion of 20 hours additional optional extension of the course with Studybook activities will provide eligibility to obtain a Certificate in TESOL. The 20 hours will consist of 14 hours moni tored ESL observations and 6 hours supervised teaching practicum.

EDR8000 FOUNDATIONS OF CONTEMPORARY EDUCATIONAL RESEARCH METHODS (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

This course introduces students to the theoretical and methodological foundations of contemporary educational research. It is intended as an introductory course in research methods in education, with partic ular attention given to developing an understanding of the current philosophical debates about and the major approaches to research in education, as well as of basic research design and procedures in such research.

EDR8001 EFFECTIVE AND ETHICAL EDUCATIONAL RESEARCH (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

This course provides an overview of selected contemporary issues related to the ethics and politics of educational research, and to the appropriate management of data in educational research projects. Topics include: anonymity and confidentiality; informed consent; gatekeepers and stakeholders; overt and covert research; recording and representing participants' voices; situated ethics; research ben efits and interests; ethical implications of and for research designs; primary and secondary data; data collection techniques; data analysis techniques; sampling and selecting participants; reliability, validity, credibility and trustworthiness; drawing inferences and reaching conclusions.

EDR8005 DISCOURSE ANALYSIS (FOEDU - PGRD)

Units 1.0 (English as a SecLangTeach) Band 5

This course introduces students to methodological approaches to the analysis of language. Social and cultural contexts in which written and spoken texts occur provide the focus of the study. The means of analysing discourse structure and markers of coherent written texts will be examined. Naturally occurring language among first language speakers or between native and non-native speakers in classroom and community contexts will be analysed. In planning a discourse analysis project, students will select and apply research schema and techniques to a specific cultural setting or language community.

EDR8060 MASTERS PROJECT 1 (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

Pre-requisite: EDR8000

Learners will, with guidance from a member of academic staff, plan and execute an independent project which is clearly related to their overall program of study, especially to their area of major study. It is envisaged that normally this one-unit project will not involve formal research but it should include an investigative or developmental/evaluative component with clear evidence of application of the knowledge developed in the student's masters program. The project should lead to the preparation of a substantial written report presented at an appropriately scholarly standard. This report may be presented in the format of a paper for publication in an approved academic or professional journal. Project reports must reflect mastery of the content of current literature and of knowledge and skills developed by the learner in his/her program of study. This course will operate on the basis of frequent individual consultation and feedback between the student and the staff member nominated as the study supervisor. Before enrolling in the course students are advised to discuss the nature, processes and anticipated outcomes of the proposed study topic or activity with a faculty member who might act as their study supervisor. Project proposals and on-going implementation will be critically reviewed through learner-supervisor ongoing interaction and negotiation. NOTES: 1. This course is available through INTERNET DELIVERY ONLY. There are NO print materials for this course. 2. For details of the technical requirements and accessing Internet study materials, please consult the following URL: http://usqconnect.usq.edu.au.

EDR8061 MASTERS PROJECT II (FOEDU - PGRD)

Units 2.0 (Education Studies) Band 5

Pre-requisite: EDR8000 and 4 units of completed Postgraduate Study and minimum GPA 5

Learners will, with guidance from a member of Faculty staff, plan and execute an independent project which is clearly related to their overall program of study. This two-unit project is intended to meet the needs of learners who wish to include a research or evaluation component in their Masters program by providing a venue in which a research or evaluation project can be undertaken to apply and/or extend knowledge developed in their program of study. The project should lead to the preparation of a substantial written report presented at an appropriately scholarly standard. This report may be presented in the format of a research-based paper for publication in an approved academic or professional journal. Project reports must reflect mastery of the content of current literature and of knowledge and skills developed by the learner in his/her prior program. This course will operate on the basis of frequent individual consultation and feedback between the student and the staff member nominated as the study supervisor. Before enrolling in the course, the student should have discussed the proposed project with the course examiner and where possible with the Faculty member who would act as supervisor, PRIOR to submitting their project proposal for this course. NOTE: Before enrolling in the course, learners should have successfully completed a course in methods for research and/or evaluation or be able to demonstrate to the course examiner that they have otherwise acquired such knowledge and skills. Where possible, students should have discussed the proposed project with the Faculty member who would act as supervisor, PRIOR to submitting their project proposal for this course.

EDR9000 DISSERTATION/FOLIO PART-TIME (FOEDU - RSCH)

Units 2.0 (Education Studies) Band 5

Pre-requisite: EDU8601 and EDU8602 and EDR8000 and EDR8001 and students must be enrolled in the following Program: DEDU

Part-time candidates should enrol in this course for each semester of the dissertation/folio component of the Doctor of Education program. This will normally be for a total of eight semesters if two electives are included in the program pathway or for a total of nine semesters if no electives are included in the program pathway. While individual students might complete the elements of this component of the program iteratively rather than sequentially, it is expected that the following elements will normally be completed by students working in close consultation with their supervisors: For students completing the DISSERTATION - Writing and presenting a confirmation proposal; If appropriate, conducting a pilot or small-scale study; Collecting and analysing data; Writing successive versions of the chapters constituting the dissertation. For students completing the FOLIO - Writing and presenting a confirmation proposal; Conducting and writing a formal research report; Writing an analytical thematic statement; Completing one or two other components as required for the folio.

EDR9001 DISSERTATION/FOLIO FULL-TIME (FOEDU - RSCH)

Units 4.0 (Education Studies) Band 5

Pre-requisite: EDU8601 and EDU8602 and EDR8000 and EDR8001 and students must be enrolled in the following Program: DEDU

Full-time candidates should enrol in this course for each semester of the dissertation/folio component of the Doctor of Education program. This will normally be for a total of four semesters if two electives are included in the program pathway; if no electives are included in the program pathway, students will normally enrol in EDR9000 for one semester in lieu of the two electives. While individual students might complete the elements of this component of the program iteratively rather than sequentially, it is expected that the following elements will normally be completed by students working in close consultation with their supervisors: For students completing the DISSERTATION - Writing and presenting a confirmation proposal; If appropriate, conducting a pilot or small-scale study; Collecting and analysing data; Writing successive versions of the chapters constituting the disseration. For students completing the FOLIO - Writing and presenting a confirmation proposal; Conducting and writing a formal research report; Writing an analytical thematic statement; Completing one or two other components as required for the folio.

EDS2401 MIDDLE PHASE CURRICULUM AND PEDAGOGY (FOEDU - UGRD)

Units 1.0 (Teacher Education: Secondary) Band 5

Pre-requisite: EDC1400 or EDU1010 or Co-requisite: EDG2000

This course will provide participants the opportunity to explore a range of issues for students in the middle years of schooling. Emerging professionals should have increased awareness of the different responses educational facilities have made to these issues. In particular, this course will focus on the curriculum design and delivery in the middle schooling cohort of students. This course aims to give educators increased understanding of issues for middle schooling, strategies for teaching in this area, a broadened perspective of education and to improve cross-sectoral communication. Emerging professionals will develop and design authentic learning experiences for students in the middle years. Students undertaking this course are required to successfully complete a 15 day professional experience placement in an approved educational setting. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

EDS2402 PLANNING FOR LEARNING AND TEACHING (FOEDU - UGRD)

Units 1.0 (Teacher Education: Secondary) Band 5

Pre-requisite: EDC1400 or EDU1010

This course seeks to provide learning opportunities that will require pre-service teachers to play an active role in the construction of their own pedagogical practice and the development of professional expertise in planning and delivering effective teaching and learning. Effective teachers question, criticise and reformulate their assumptions about the nature of their work. Reflective practice promotes continued analysis, critique and interpretation of curriculum and pedagogical initiatives that impact on the work of educators. Through a range of activities, the course aims to provide opportunities for students to develop their general pedagogical knowledge, curriculum knowledge and pedagogical content knowledge. Students undertaking this course are required to complete a 15 day professional experience placement in an approved educational setting.

EDS3450 SENIOR PHASE CURRICULUM AND PEDAGOGY (FOEDU - UGRD)

Units 1.0 (Teacher Education: Secondary) Band 5

Pre-requisite: EDS2401 or EDS2402

This course will explore a range of curriculum issues for pre-service teachers to gain competence to teach in the senior years of schooling, the curriculum requirements of senior subjects and vocational certificated courses. Pre-service teachers will discuss the mandated elements of curriculum for certification, practice designing units of work linked to specific criteria, and to pre-specified learning outcomes in a competency-based framework. This course aims to give secondary educators increased understanding and confidence to deal with issues for senior schooling, strategies for teaching in their chosen disciplines, and to be able to modify curriculum for explicit teaching in vocational sectors. They will demonstrate an understanding of current curriculum policy in the senior phase and the implications for practice.

EDS4250 LITERACIES ACROSS THE CURRICULUM (FOEDU - UGRD)

Units 1.0 (Teacher Education: Secondary) Band 5

This course explores the links between literacies and learning and focuses on the embedding of literacies into the planning and implementation of learning opportunities in all curriculum areas. Pre-service teachers will learn about a range of appropriate frameworks and pedagogies for developing students' literacies capabilities and will learn how to design and plan curriculum units as well as focused and appropriate learning/teaching episodes for diverse learners. Specific attention will be paid to language forms, features and textual structures of written, visual and multimodal texts, as well as to authentic

EDS4401 BEGINNING PROFESSIONAL PRACTICE (FOEDU - UGRD)

Units 1.0 (Teacher Education: Secondary) Band 5

Pre-requisite: EDC3100

The professional experience to date has enabled pre-service teachers to be involved in the normal day to day running of an educational institution and in the teaching of several curriculum areas over an extended period of time. This course offers the pre-service teacher a further extensive period in the field in a new context. The block professional experience will require involvement in the planning, implementation, assessment and reflection of units of work along with the daily administrative and professional requirements of an educator. The experience will require pre-service teachers to play an active role in the construction of their own practical theories. Their workplace experience will enable them to question, criticise and reformulate their assumptions about the nature of educators' work. Students undertaking this course are required to complete a 25 day professional experience placement in an approved educational setting. Professional development and professional standards underpinning graduate entry will be a central focus of this course.

EDU5010 POLITICS AND PEDAGOGY IN EARLY CHILDHOOD (FOEDU - PGRD)

Units 1.0 (Teacher Education: Early Child) Band 5

This course requires students to engage with an international selection of the studies that focus on system level dimensions of the profession (e.g. ethics, rights of the child, quality aspects, global indicators, equity, investment strategies, codes of practice, professional membership), exposing students to contemporary policy debates, highlighting approaches to ethical engagement, and support global citizens to evaluate how best to take a socially just professional stance. Principles of evidence-based study are applied to extend and deepen the analysis of ECE contexts, curricula and pedagogies in diverse settings.

EDU5112 TRANSFORMING LEARNING WITH ICT (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

Students in EDU5112 Transforming Learning with ICT will engage with the design and creation of exciting, intellectually challenging and authentic learning environments in which ICT changes not only what students learn but also how they learn, as we move forward in the 21st century. Within a framework of contemporary learning theories, participants in this course will examine how ICT might be used to both enhance and transform learning.

EDU5221 PROFESSIONAL LEARNING (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

This course will examine professional learning perspectives and processes within the context of changes in Australian education. Participants will analyse the role of professional learning communities and action learning as they develop professionally and will develop skills which will enable them to develop appropriate mentoring practices within their workplace. For this course, access is required to an educational setting where professional learning processes may be explored and developed. This may include working with peers and mentoring. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

EDU5321 EDUCATING STUDENTS WITH SPECIAL NEEDS (FOEDU - PGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

In this course students will explore inclusive education philosophies, policies and practices as a contemporary response to maximising learning outcomes for students with special needs and disabilities. Additionally students will develop knowledge of the characteristics and educational approaches for a range of special needs and disabilities: intellectual disabilities, learning disabilities, emotional or behavioural disorders, autistic spectrum disorder, communication disorders, sensory impairments, physical disabilities, health impairments, and ADHD. There is also consideration of the exceptional needs of students who are gifted and talented. A key emphasis throughout the course is the considerable diversity that exists within each of the specials needs and disabilities categories, thus necessitating individualised approaches to the evaluation and support of students with special needs.

EDU5322 BEHAVIOUR MANAGEMENT AND SUPPORT (FOEDU - PGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

In this course students are introduced to a wide range of methods and strategies for meeting the needs of students with behavioural and adjustment problems in regular preschool, primary and secondary classrooms. The course has as its major focus the essential knowl edge and skills necessary for beginning educators to: 1. design and implement well organised and managed learning environments, 2. recognise and be responsive to learner backgrounds, characteristics and experiences which might impact upon engagement in learning and behaviour, 3. develop positive relations with learners, 4. facilitate the acquisition of social competencies appropriate to the learning context, and 5. re-direct and correct where necessary, behaviour which impedes or disrupts the teaching-learning process. The course also explores various widely used models or approaches to behaviour management and support. Students have the opportunity to critically evaluate these approaches.

EDU5325 CHILD ABUSE AND NEGLECT: INTERVENTION, PROTECTION AND PREVENTION (FOEDU - PGRD)

Units 1.0 (Education not elsewhere classi) Band 5

The overall aim of this course is to introduce teachers (including special education teachers) and school counsellors to the field of child (and youth) abuse and associated protection issues. This course adopts a psychosocial developmental approach and provides an advanced study of child abuse phenomenon. The course examines various settings of child abuse - such as family, peer group, institution and a wider social context. Within these ecological environments students study the causes, symptoms and consequences of four main forms of child abuse: emotional, physical, sexual and neglect. The course also offers a brief practical component whereby students explore various ways of dealing with this social problem - prevention, intervention and therapy, with the emphasis on applications within the educational or school context. NOTE: Minimum enrolment num bers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the EXT or WEB offering and advised of this change before semester commences.

EDU5335 EMOTIONAL AND BEHAVIOURAL PROBLEMS OF CHILDREN AND ADOLESCENTS (FOEDU - PGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

The overall aim of this course is to introduce professionals working with children to information concerning the following: emotional and behavioural problems of children and adolescents; the nature of the causes of these problems; various approaches to assisting young people to overcome these problems. The course outlines the kinds of problems professionals can expect to encounter and elaborates on a range of strategies, both preventive and remedial, for responding in a positive and effective manner to them. The intent of the course is to assist professionals to develop a sound understanding of the nature of emotional and behavioural problems of children and young people, and to develop an awareness of appropriate ways of dealing with the difficulties.

EDU5601 DESIGNING FOR FLEXIBLE LEARNING ENVIRONMENTS (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

This course aims to provide learners with the opportunity to develop knowledge of contemporary theories and principles that inform learning and instructional design, ranging from the more traditional learning contexts and environments to those using, for example, social networks and mobile technologies. In order to do this, learners will engage in processes of collaborative learning with their peers in online discussion forums to explore contemporary theories and perspectives of learning, learners and their learning contexts, as well as contem porary theories and practices of learning and instructional design, to inform the design of a learning program that will address a particular learning/training need in their context. In addition, some detail of plans and strategies for evaluation will be addressed.

EDU5702 EXPLORING LEARNING AND TEACHING IN HIGHER EDUCATION CONTEXTS (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

This course enables higher education educators to explore learning and teaching in their environments. In doing so, they will focus on their own context and anticipated teaching roles. Through the process of critical self-analysis with reference to the qualities of effective ed ucators, participants will develop a 'teaching capacity enhancement plan' (TCEP). This plan should be developed in collaboration with professional colleagues who are prepared to work alongside partici pants as members of a focused professional learning community. A key outcome of this course will be the 'teaching capacity enhancement plan'. This plan will allow participants to incorporate relevant profes sional development and staff development activities, including work-based projects. NOTE: Learners undertaking this course are required to have access to learning and teaching environments in a higher

EDU5703 ENGAGING CURRICULUM AND PEDAGOGY (FOEDU - PGRD)

Units 1.0 (Curriculum Studies) Band 5

The assumption regarding students enrolling in this specialisation is that they will have an understanding of curriculum and pedagogy from undergraduate programs and workplace experience. This course looks, then, to open up contemporary views of these topics for en gagement by students. The course includes such ideas as public pedagogies, the politics of curriculum and pedagogy, sites and forms of curriculum performance, resistance and compliance, global and transformative practice and education, hope and social betterment. Key illustrative theorists whose work is surveyed include Paulo Freire, Henry Giroux, Peter McLaren and George Counts.

EDU5704 POPULAR CULTURE AS CURRICULUM AND PEDAGOGY (FOEDU - PGRD)

Units 1.0 (Curriculum Studies) Band 5

Students in this course will work through a number of cultural tropes presented in popular cultural forms including the media, music, art and literature in order to develop a 'pedagogy of the popular'. Working from a theoretical foundation grounded in the traditions of Critical Pedagogy and Cultural Studies specifically, a range of prominent popular cultural forms will be explored in order to identify the nature of informal pedagogical practices, 'public pedagogies' and the possi bilities of formal, school based pedagogies to transform the 'popular' as a site of emancipatory and participatory social practice.

EDU5705 PRINCIPLES OF QUALITY CURRICULA (FOEDU - PGRD)

Units 1.0 (Curriculum Studies) Band 5

Students enrolled in this course will be engaged in an inquiry into curriculum practices within a teaching and learning context - this might be their current place of work or one to which they have access. Students, through an inquiry based approach, will begin to investigate factors that impact on curriculum at these sites. To do so, students will first be introduced to various schools of thought in the area of curriculum design and evaluation. In doing this students will be en gaged in a review of current curriculum practices at the site. This re view will analyse curriculum documents, exploring various themes and relationships. Students will develop theoretical perspectives for design and evaluation of curriculum and use these perspectives to inform the relationship between theory and practice in a particular area of study.

EDU5713 ASSESSMENT PRINCIPLES AND PRACTICES (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

This course address the theory and practice of assessment. Partici pants gain an understanding of the principles, theories and recom mended practices that govern quality assessment. Participants ex plore methods of assessment and distinguish between assessment, evaluation, measurement, testing and reporting. The purposes of assessment and the different frames of reference for interpreting assessment information, including norm-referenced, criterion refer enced and ipsative-referenced interpretation are explored. The course engages participants in scoping and designing and justifying an au thentic assessment tool to meet learner and stakeholder needs in their professional context. Students enrolling in this course are re quired to have first-hand knowledge of and access to a teaching sit uation in school, post-compulsory, community education or training context.

EDU5760 PROFESSIONAL STUDY (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

NOTE: Students undertaking this course as part of their enrolment in the Adult Professional and Workplace Learning or Early Childhood specialisations of the Master of Learning and Development program must focus their work on a teaching and learning related project. These students are also required to complete 50 hours (Adult Profes sional and Workplace Learning specialisation) or 45 days (Early Childhood specialisation) of supervised professional teaching/training and provide evidence of development of competence in supervised teaching and learning activities undertaken during the period of their enrolment in this course.

EDU8007 DEVELOPING MATTERS IN EARLY CHILDHOOD EDUCATION (FOEDU - PGRD)

Units 1.0 (Teacher Education: Early Child) Band 5

The course explores current international, national and local issues related to many facets of the care and education of young children. Students will be encouraged to identify emerging trends and relate then to philosophical and theoretical perspectives and to consider the implications for the broader socio political and educational context, as well as explore in depth specifically relevant issues pertinent to the students own field of education.

EDU8011 PROFESSIONAL CULTURE, DYNAMICS AND CHANGE IN EARLY CHILDHOOD EDUCATION (FOEDU - PGRD)

Units 1.0 (Teacher Education: Early Child) Band 5

In this course you will develop a deeper and broader understanding of the culture and dynamics of professionalism in early childhood education in contemporary times. This will involve: - building a critical awareness of the complexity, commitments and the ethical dilemmas inherent in the work of an early childhood professional; - critical re flection of early childhood practice; - exploration of professionalism in early childhood education through work force capacity building, leadership and change management in early childhood education for both individuals and organizations. Strategies and processes for effective professional relationships in early childhood settings are examined with particular emphasis on managing roles and relationship in complex teams; supporting families and guiding young children. Leadership skills, professionalism and teacher researcher and critical reflection are highlighted.

EDU8111 EMERGING ENVIRONMENTS FOR LEARNING (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

Theories, including constructivism and connectivism, associated with the design and adoption of learning environments will be reviewed with a focus on developing understanding of how theory can inform effective design and implementation of learning environments appro priate to a variety of contexts such as formal education, workplaces, and leisure. Students will be introduced to sources and communities from which they can obtain knowledge of current developments in learning environments and associated theories and technologies. They will collaborate to identify and evaluate relevant knowledge from a variety of sources and will be encouraged to participate as members of relevant professional communities. They will construct shared artefacts that contribute to the professional discourse of emerging learning environments and demonstrate appropriate design of learning environments for specific purposes. Where appropriate, students will work with emerging and experimental technologies.

EDU8114 ONLINE PEDAGOGY IN PRACTICE (FOEDU - PGRD)

Units 1.0 (Curriculum Studies) Band 5

While this course focuses on pedagogical approaches to online learning, the main objective is to connect learners with each other so that collaboratively they may explore, investigate, formulate and challenge ideas about online pedagogy in relation to pedagogical frameworks that can be applied to particular educational settings. The design of the course has been strongly influenced by Garrison, Anderson and Archer's (2000) Community of Inquiry. The skill and ability of the online facilitator is important to the success or otherwise of online and some blended learning environments, both in terms of management and facilitation of discussion. Learners will look at what makes for successful facilitation of online environments and explore strategies for engaging learners through the electronic medium. Learners will engage with current theories suitable for online learning and teaching in order to make the links between theory and practice. Learners and facilitators will work collaboratively to consider, explore, trial, and adapt online pedagogical principles in practice.

EDU8117 NETWORKED AND GLOBAL LEARNING (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

This course aims to critically examine the concept of communities of practice (COP) and the learning management in networked and global learning communities. By situating themselves within networked and global learning communities, learners will investigate, reflect and evaluate the growth and status of COP with reference to theories about the concept, structures and development stages of COP. Par ticipants in this course will also explore and examine the tools and resources (e.g., open source learning management system (LMS), content management system (CMS), learning content management system (LCMS)) for building networked and global learning commu nities. By analyzing the learning management facilities and strategies, learners will design and implement the learning management to facil itate the growth of COP and learning within the networked and global learning communities.

EDU8311 CONCEPTS AND THEORIES IN EDUCATIONAL MANAGEMENT (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

This course introduces the field of educational administration largely through perspectives drawn from the field of organisation theory. Students are introduced to the development of thought in the field of educational administration and to a study of the two major paradigms; the functionalist and interpretive paradigms. Students are then intro duced to the concept of a post-modern organisation and explore the post-modernist perspective on organisation theory. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the EXT or WEB offering and advised of this change before semester commences.

EDU8312 EDUCATORS AS LEADERS: EMERGING PERSPECTIVES (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

The course explores 'leadership in education' from a range of theo retical perspectives, including corporate/strategic, transformational/vi sionary and critical/educative. As part of this exploration, the emer gence of leadership frameworks in contemporary educational admin istration is traced through historical British and American influences. Educational leadership as a key dimension in the reform of educa tional workplaces, and in the successful implementation of self-managing educational institutions, is also a focus of the course. Of particular importance is the relevance of different theories of leader ship to the work of classroom practitioners. The concept of 'teachers as leaders' and 'parallel leadership' that have been pioneered at the University of Southern Queensland are explored in detail in this course.

EDU8314 HUMAN RESOURCE STRATEGIES FOR INNOVATION (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

This course will provide an introduction to human resource manage ment theory as a basis from which students can explore their organ isation's capacity for innovation. Students will analyse their organisa tion using concepts such as performance management, learning or ganisations, employee participation, culture and change management. The course materials emphasise the ideas and processes for facili tating innovation within education, but are easily transferable to other organisational contexts. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the EXT or WEB offering and advised of this change before semester commences.

EDU8317 INDIVIDUAL ASSESSMENT AND TESTING (FOEDU - PGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

Initial topics build the foundational frameworks of the course by es tablishing individual assessment and testing as a systematic process for generating valid information to support sound educational decision making, while examining the ethical-legal context of assessment and testing practices. Students will develop an understanding of measure ment concepts such as validity and reliability as well as processes underlying test construction such as standardization and norms. Subsequent topics address the data collection practices of observa tion, interviewing and formal testing, and the processes of assessment accommodations and oral and written reporting. Specific approaches to the assessment of academic achievement, social and emotional functioning and intelligence will also be explored.

EDU8318 ORGANISATIONAL TRANSFORMATION THROUGH LEARNING (FOEDU - PGRD)

Units 1.0 (Education not elsewhere classi) Band 5

The first module sets the context for the course, critically considering why organisational transformation through learning is of fundamental importance to educational institutions in the 21st Century. Different approaches to organisational transformation are introduced and their underpinning concepts explored. The first three modules serve as an orientation and theoretical preparation for the fourth module which gives detailed consideration to a particular process, IDEAS, that has the demonstrated capacity to transform schools. IDEAS is used as a practical example a way that organisational transformation through learning may be achieved in schools. The main components: the Research-based Framework, an implementation process and the notion of parallel leadership are considered in depth and their practical application explored. For this course, it is desirable (though not es sential) to have access to a workplace setting where aspects of IDEAS may be trialled and/or its key concepts explored in context.

EDU8319 MARKETING YOUR EDUCATIONAL ORGANISATION (FOEDU - PGRD)

Units 1.0 (Education not elsewhere classi) Band 5

The first module sets the context for the course, exploring the broader evolution and contemporary meaning of marketing. The question of how marketing can relate to education settings, and cur rent applications of marketing concepts to education, is then explored from both a theoretical and practical standpoint. Approaching market ing planning, implementation and evaluation from a strategic viewpoint is then introduced as the starting point for an institution wide market ing effort. A range of concepts will be explored from the strategy perspective, and a framework for an education setting to develop a strategic approach to marketing is part of this investigation. Consid eration of organisational culture as a means of enacting educational change toward a marketing orientation is then examined. Following this, implementation and application of various marketing concepts and strategies pertinent to an education setting are examined. Estab lished marketing concepts and strategies such as customer service, relationship marketing, internal marketing, promotional or external marketing, and marketing evaluation are explored to provide a prac tical and balanced perspective on implementation and evaluation of marketing in education settings.

EDU8324 LEARNING DIFFICULTIES: READING (FOEDU - PGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

This course focuses on the teaching of children with specific learning difficulties in reading. The emphasis is on assessment and diagnosis of children with reading problems and on the structuring, implemen tation and analysis of appropriate intervention programmes. Note: Students will require regular access to a classroom for completion of this course.

EDU8326 LEARNING DIFFICULTIES: MATHEMATICS (FOEDU - PGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

This course offers postgraduate students an opportunity to explore current issues in mathematics education and how these issues relate to inclusion in today's diverse classrooms. Prevention and intervention of learning difficulties in mathematics in the classroom is a major fo cus. Effectively teaching students with long term mathematics learning disabilities will also be examined in this course.

EDU8328 CONSULTATION AND COMMUNICATION: THEORY AND PRACTICE (FOEDU - PGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

In this course the student is introduced to the theory and practice of collaborative consultation and related communication and interper sonal problem solving skills. The course is designed to meet the needs of both class teachers and specialist support teachers. Its particular focus is on the delivery of appropriate instruction and ser vices to children with learning, behaviour, and adjustment problems, but is relevant to all educators seeking professional development in communication skills and the processes of consultation.

EDU8331 CAREER DEVELOPMENT IN EDUCATIONAL SETTINGS (FOEDU - PGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

This course will introduce students to the major theories of career development and associated practices that are relevant for persons training as school guidance officers, educators and career practition ers and others who are interested in the broad area of career planning and development. Emphasis will be given to integration of theory and practice within educational/learning environments. Emerging theories and technologies will also be considered. It is expected that students will have access to an educational or training setting in which they are able to apply the concepts and principles studied in this course.

EDU8332 INTRODUCTION TO COUNSELLING IN EDUCATIONAL CONTEXTS (FOEDU - PGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

This course provides students with an opportunity to develop an awareness and understanding of the key issues presented to guid ance personnel in contemporary education settings and to develop basic counselling skills with these contexts in mind. A strong online pedagogy supports student learning and helps to build a sense of belonging to a community of practice where students are seen as significant contributors to knowledge building and skill development in this complex field. An ecological and case study approach is used to assist students develop skills in case analysis and formulation as part of the determination to engage in counselling as an intervention in an educational setting. This foundation work introduces the need for the development of high level skills in the application of basic counselling competencies in the service of student wellbeing. The delivery of counselling services in educational settings requires an understanding of the legal, ethical and professional competency is sues that apply when working with children, adolescents and adults. These are canvassed throughout the course. The course will also provide an opportunity for students enrolled in the Career Develop ment specialisation of the Postgraduate Certificate in education to apply basic counselling skills to career guidance and counselling practice.

EDU8333 ADVANCED COUNSELLING IN EDUCATIONAL CONTEXTS (FOEDU - PGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

Pre-requisite: EDU8332

EDU8333 builds on the basic micro-skills of counselling that were introduced in EDU8332 (Introduction to Counselling in Educational Contexts). The micro-skills training approach to counselling has a long history with strong evidence of efficacy. EDU8333 extends basic micro-skills of attending, active listening and questioning to the skills of influencing, shaping counselling sessions for better outcomes and integrating the skills through case analysis. Finally, counselling and psychotherapy theory is explored to inform the process of developing a personal theory and practice of counselling in educational contexts. A strong online pedagogy supports student learning and helps to build a sense of belonging to a community of practice where students are seen as significant contributors to knowledge building and skill development in this complex field. An ecological and case study ap proach is used to assist students develop skills in case analysis and formulation as part of the determination to engage in counselling as

EDU8338 AUTISM (FOEDU - PGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

This course examines the conceptual frameworks, in the field of autism spectrum disorder, of the triad of impairment/difference (so cialisation, communication and restricted interests/repetitive be haviours) and beyond, and the three cognitive theories: theory of mind, central coherence and executive function. Child, parent and school perspectives are presented, as well as personal accounts from adults with ASD. The process of evaluating the evidence base of practices in the field to inform support design is a critical course element. Teachers will learn how to determine needs, and the impact they have on access and participation, as well as how to formulate effective support plans. Responding to behaviour and catering for the unique learning styles of these students is highlighted within a respectful and child-centred framework.

EDU8406 THEORIES FOR LEARNING FUTURES (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

Within a framework of contemporary theories of learning, participants in this course will investigate concepts of lifelong, life-wide and con nected learning. Underpinning these characteristics and imperatives for learning futures lies a diversity of cultural, social and philosophical experiences and expectations. Students will explore issues of multi literacies, cultural diversity/cultural convergence, inclusivity and sustainability as well as how these impact in pluralist learning envi ronments. This course facilitates students' understandings of how these theories and issues impact on curriculum, instructional strate gies, assessment and evaluation with particular reference to adult, professional and workplace learning contexts.

EDU8415 MULTI-MODAL TEXTS AND NEW LITERACIES (FOEDU - PGRD)

Units 1.0 (Education not elsewhere classi) Band 5

The purpose of this course is to provide opportunities for students to investigate the impact of Information and Communication Technolo gies (ICTs) on both social and literate practices and to consider the implications for literacy education. Students will consider different points of view on the impact of technology on literacy, in particular, reading. A study will be made of the characteristics of texts delivered via new platforms and the codes and conventions which aid in their construction and deconstruction. Students will draw conclusions about the techno-literacy practices required to be literate in the 21st century and develop literacy pedagogy to support critical engagement with these practices. The focus of the course will be on multi-modal texts and literate practices arising from technology rather than the specifics of the technologies themselves. NOTES: 1. This course (EDU8415) is available through INTERNET DELIVERY ONLY. There are NO print materials for this course. 2. For details of the technical requirements and accessing Internet study materials, please consult the following URL: http://usqconnect.usq.edu.au.

EDU8601 ADVANCED STUDIES IN PROFESSIONAL PRACTICE (FOEDU - PGRD)

Units 2.0 (Education Studies) Band 5

The course begins with an analysis of the challenges created for educational organisations by the emergence of post-corporate influ ences. Post-corporate responses to these influences are explored and assessed. The role of educational leadership in generating con structive responses to post-corporate challenges is then analysed, with four leadership approaches emphasised. These are: transforma tional leadership; strategic leadership, educative leadership and or ganisation-wide leadership.

EDU8602 ADVANCED STUDIES IN SPECIALISATION (FOEDU - PGRD)

Units 2.0 (Education Studies) Band 5

Students will pursue an in depth study within their specialisation area. It will involve an extensive investigation of the literature relevant to the particular focus of the individual's major study area. This will lead to the submission of a critical literature review paper and that will form the basis of a proposed paper for presentation at a conference. NOTES: 1. This course (EDU8602) is available through INTERNET DELIVERY ONLY. There are NO print materials for this course. 2. For details of the technical requirements and accessing Internet study materials, please consult the following URL: http://usqconnect.usq.edu.au.

EDU8605 BUILDING COMMUNITIES OF PRACTICE (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

This course aims to critically examine the concept of Communities of Practice and related phenomenon emerging across sectors as di verse as education, management, and the social sciences. By apply ing theoretical and empirical frameworks to highlight issues around conflict, trust and mutuality, inclusion, power, and the significance of broader social and organizational contexts, learners will investigate and evaluate the development and sustainability of Communities of Practice. Participants in the course will experience first-hand the de velopment of a learning community as they create their own knowl edge around organising themes and key capacities for the building and facilitation of Communities of Practice. NOTES: 1. This course (FET8605) is available through INTERNET DELIVERY ONLY. There are NO print materials for this course. 2. For details of the technical requirements and accessing Internet study materials, please consult the following URL: http://usqconnect.usq.edu.au.

EDU8606 LIFELONG CAREER DEVELOPMENT (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

This course will introduce students to some of the major theories of career development, particularly those relevant to lifelong adult career development and the changing world-of-work. The course overviews the practices and providers of career development, current interna tional and domestic policy issues, industry trends, and lifespan devel opment and societal issues that relate to career development. In addition to theory, the course entails practical activities for part of the assessment which will require students to complete a set of self-re flective learning tasks that underpin career self-management for lifelong learners.

EDU8701 TEACHING AND LEARNING IN CONTEMPORARY CONTEXTS: THEORY AND PRACTICE (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

This course provides opportunity for beginning and more experienced educators to develop and refine their knowledge, skills and capacity to effectively facilitate learning in their context. Through analysis of contemporary learning theory and critical incidents, learners will be challenged to explore, reflect on and question their understandings and assumptions about learning and teaching. Engagement with critically reflective practice and development of a teaching and learning portfolio provide students with a solid foundation for ongoing professional development, growth and renewal.

EDU8702 SCHOLARSHIP IN HIGHER EDUCATION: REFLECTION AND EVALUATION (FOEDU - PGRD)

Units 1.0 (Teacher Education: Higher Educ) Band 5

Higher education educators will be introduced to the key capacity-building processes of constructive self-evaluation and self-reflection. This course requires students to evaluate the success or otherwise of the 'teaching capacity enhancement plan'. An action learning pro cess will also be used to allow participating higher education educa tors to identify and develop key features to be incorporated into an ongoing cycle for improvement. This course seeks to recognise ap propriate professional development activities or other relevant activi ties that can be demonstrated as contributing to the development of teaching capacities in higher education educators.

EDU8703 CRITICAL MULTILITERACIES (FOEDU - PGRD)

Units 1.0 (Curriculum Studies) Band 5

This course explores curricular and pedagogical issues relevant to the teaching of multiliteracies in the 21st century. The course will begin by investigating the philosophy, strategies, tactics and aims of critical literacies work in educational settings and how power and politics are implicated in literate practices within and outside educa tion. The course will also address current tensions within the field of literacies - including the ongoing debate between advocates of critical and functional literacies - and the intersection between literacy, media and technoculture from a critical perspective. Students will explore the possibilities of critical and transformative pedagogies, ethical considerations and implications for their work as educators.

EDU8704 NEW PEDAGOGIES (FOEDU - PGRD)

Units 1.0 (Curriculum Studies) Band 5

The course will explore the impetus for and the effects of a move to the decolonization of education generally, and will focus specifically on "new" (to Western eyes) pedagogies such as Red pedagogy (Sandy Grande), Kaupapa Maori pedagogy (Linda Tuiwhai Smith, Graham Smith, Russell Bishop), Native Hawai'an pedagogy (Manulani Meyer) and Islamic perspectives on knowing (Christopher Stonebanks). A major intention here is to then connect the Western critical tradition to these emerging decolonialist pedagogies. Major theorists in the critical pedagogical field and the intellectual and ac tivist traditions in which they have worked will be presented, as will specific examples of new critical pedagogy in practice.

EDU8705 PERSONAL PEDAGOGY IN CONTEXT (FOEDU - PGRD)

Units 1.0 (Curriculum Studies) Band 5

This course has been designed to familiarise teachers with the nature of personal pedagogical theories in general and to provide opportu nities for educators to make explicit their own personal pedagogical theories. The course will begin with an exploration of the origins and characteristics of teachers' personal pedagogical theories. The challenges of making personal pedagogical theories explicit will be discussed along with techniques for their articulation. There will also be a major focus on the elements and structure of personal pedagog ical theories, that is, on the various ways in which teachers represent their practical knowledge and theories and on the links among such elements.

EDU8712 CONTEMPORARY APPROACHES TO ALTERNATIVE EDUCATION (FOEDU - PGRD)

Units 1.0 (Curriculum Studies) Band 5

The course commences with an exploration of the roots of formal education, and the evolution of curriculum and pedagogy. Participants engage in a critical analysis of the development of curriculum and pedagogy globally, considering the impact of national curricula, testing and reporting; they consider the impact of the raising of school leaving age and the use of flexible learning and vocational and community strategies for re-engaging early leavers, the implementation of super schools, and small school closure worldwide. Participants engage in a critical analysis of the possible reasons for student disaffection in their chosen educational context, discussing and analysing a range of alternative epistemologies and pedagogical practices applicable to that context.

EDU8719 CONTEMPORARY ISSUES CONFERENCE (FOEDU - PGRD)

Units 1.0 (Education Studies) Band 5

The course will be structured around an online conference that will include several themes or strands that reflect current trends and is sues in education. Students will prepare a proposal for a paper in which they will draw upon their prior study and experience to respond to one of the conference themes and will participate in anonymous peer review of submitted proposals. Using their reviews for guidance, students will complete their papers, present them online using an appropriate medium, and engage in discussion of their own and other papers.

EDV3401 PROGRAM DESIGN AND EVALUATION (FOEDU - UGRD)

Units 1.0 (Teacher Educ: Vocational Educa) Band 5

Pre-requisite: EDC1400 or EDU1010

In this course learners will examine theories, models and frameworks of program design and evaluation and their application in a range of post-compulsory education and training contexts. Learners will use this foundation to inform the development and justification of an edu cation/training program designed to respond to an identified train ing/learning need in their own instructional context as well as a comprehensive plan for the evaluation of their program. This course requires learners enrolled in the Bachelor of Education (Technical and Vocational Education) to successfully complete 15 days of super vised professional experience. Students in the Bachelor of Vocational Education and Training are required to complete a minimum of 7 days of supervised instruction.

EDV3500 COMPETENCY BASED TRAINING AND ASSESSMENT (FOEDU - UGRD)

Units 1.0 (Teacher Educ: Vocational Educa) Band 5

This course aims to enable teachers and trainers in post-compulsory education programs (schools, TAFE private and community providers) and in industry workplace training, to develop knowledge, understand ing and skills in the design, development, implementation and assess ment of competency-based programs that lead to nationally recog nised vocational qualifications. As such, the course is designed to meet the requirements for students to demonstrate competence equivalent to completion of a Certificate IV in Training and Assess ment regarded as the minimum industry standard for delivery and assessment of nationally recognised vocational training. Successful completion of this course requires learners to demonstrate compe tence 'on the job' and therefore has a mandatory 25 hour practical VET teaching/training placement. Students who successfully complete this course may choose to apply for recognition against the Certificate IV in Training and Assessment, which will incur a nominal administra tion fee payable by the student.

EDV3551 VOCATIONAL AND WORKPLACE LITERACIES (FOEDU - UGRD)

Units 1.0 (Teacher Educ: Vocational Educa) Band 5

This course will develop awareness and understanding of the scope and depth of literacy skills that impact on learning and work in con temporary society. It considers current literature on the nature and impact of literacy demands on learners and workers and identifies the issues involved in the context of today?s complex and diverse learning and work contexts. Skills will be developed in the analysis of literacy competencies that underpin relevant jobs and identification of how they are reflected in industry training packages. The focus includes providing teachers/trainers with the knowledge and skill to particularly plan for and support the English language, literacy, nu meracy(LLN), English as a second language (ESL) and information communications technologies (ITC) needs of learners in vocational and workplace environments; implement workplace literacy audits; and develop effective strategies for teaching and assessment as well as program evaluation and review. The course assessment allows for some flexibility to accommodate the wide range of teaching and training contexts in which students in the course may be involved. Assessment allows students to link their project work to their particular education or work environment.

EDV4440 ADVANCED PROFESSIONAL EXPERIENCE (FOEDU - UGRD)

Units 1.0 (Teacher Educ: Vocational Educa) Band 5

Pre-requisite: EDV3401 and EDC3100

This course constitutes the final supervised "professional experience" course in the Bachelor of Education (Technical and Vocational Edu cation) specialisation. It also provides an opportunity for graduates of the three year Bachelor of Vocational Education and Training wishing to articulate into the four year Bachelor of Education (Tech nical and Vocational Education) specialisation to meet requirements for registration with the Queensland College of Teachers. As such, the course provides the final opportunity for students to have an in tensive, supervised teaching and learning experience with adolescent and Senior Phase learners in technical and vocational education in secondary schools and technical college settings. The course has as its major focus the exploration and development of a portfolio of instructional methodologies that support learners' development of technical and vocational knowledge, skills and understandings as well as fostering their development as self-directed, lifelong learners. The building of teaching and learning relationships - both pedagogi cal/andragogical and collegial - is also a focus of this course and provides a foundation for ongoing reflective professional practice. A 40 day professional experience placement is attached to this course.

EDV4500 PROFESSIONAL STUDIES PROJECT (FOEDU - UGRD)

Units 1.0 (Teacher Educ: Vocational Educa) Band 5

In this course, students will pursue and report on an in-depth project related to a curriculum innovation derived from the relevant curriculum documents which guide their teaching engagement (for example, VET training packages, Queensland Studies Authority Grade 8 to 12 Syllabi or workplace policies and procedures). This curriculum inno vation project will be distinctive in that it will differ from the curriculum options already offered within the context of the embedded profes sional placement. The type of focus necessarily involves the conduct of context analysis, critical engagement with the relevant literature and the design of a teaching/instructional event. Students undertaking this course as part of the do so with the intention of seeking teacher registration in Queensland must focus their work in this course on a project directly related to an issue or development in curriculum or instruction in the formal education system.

EDX1170 FOUNDATIONS OF LANGUAGE AND LITERACIES (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

This course will explore how the development of oral language forms the basis of literacy learning by examining how emerging literacies are influenced by experiences with speaking, listening, viewing and symbolic representation in the social contexts of home and schooling. There is also a focus on the importance of oral language experiences, developing knowledge and understanding of skills and resources required for effective literacy teaching and learning, the effective use of teacher talk and the understanding of the relationships between context and text in the creation of environments for engaging children in authentic literacy practices.

EDX1250 THE ARTS CURRICULUM AND PEDAGOGY (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

This course encourages individual and co-operative development of foundational knowledge, understandings and skills for teaching in drama, dance, media, music and visual arts. Students will have the opportunity to engage in experiences to develop personal expression, aesthetic judgement and critical awareness, in order to become more responsive to children's creative needs. Students will experience constructivist approaches and focus upon play and inquiry-based pedagogies, reflecting upon their learning and critically analysing the use of these pedagogical tools for creativity. At all times during the course the inclusive teaching environment and aspects of safe and ethical practice will be considered. The use of information communi cation technologies will be embedded throughout this course. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, stu dents may be transferred to the WEB offering and advised of this change before semester commences.

EDX1280 FOUNDATIONS OF NUMERACY (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

Foundations of Numeracy is a shared course for the specialisations of Early Childhood, Primary / Middle and Special Education and will focus on aspects of teaching, planning and assessing the number, pattens and algebra strands of the mathematics curriculum, under pinned by a clear understanding of relevant subject-matter knowledge and current theories of learning and teaching. An approach to teaching that is based on thinking strategies rather than rote proce dures will be emphasised. Consequently, methods of doing and teaching mathematics experienced during the course are likely to be different to those experienced in the students' own schooling. Past and present practices will be critically examined in the light of research findings, curriculum documents and teaching practice. The course also serves to ensure that students themselves have an appropriate level of mathematical understanding and proficiency to undertake their professional roles. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester com mences.

EDX1450 HPE CURRICULUM AND PEDAGOGY (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

This course explores pedagogical and curriculum aspects of teaching the current Years 1-9 HPE curriculum documents and the Early Years Curriculum Guidelines. In doing so it provides a range of understand ings and competencies for interpreting and managing the HPE envi ronment for teaching and learning. This course presents an overview of the concepts, philosophy, language and culture of HPE generally. The focus of this course will be to present general and occasionally specific, insights into appropriate pedagogical knowledge which can be considered in relation to the Queensland 1-9 HPE syllabus. It also gives an exploration of the basic curriculum components as they apply to the planning, teaching and assessment of health and physical education. Central to an understanding of the syllabus will be the tenets of an inclusive curriculum that seeks to enhance the learning opportunities for all children. Teachers will be expected to engage with the social justice principles of equity, diversity and supportive environments. Of particular importance in the course will be the design of relevant learning experiences and associated assessment process es, management of classrooms, the introduction of strategies and technologies into the teaching and learning context, and the impact of these considerations on curriculum. There will be a particular focus on developing competencies needed for lesson and unit planning and teaching in Years 1-9, based on appropriate pedagogical prac tices. Students will have the opportunity to develop and practice skills and confidence in effective teaching practices specifically related to teaching HPE. It is expected that students will become increasingly independent and reflective practitioners.

EDX2170 ENGLISH CURRICULUM AND PEDAGOGY (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

This course examines current theories and issues in literacy educa tion. There will be a focus on curriculum and pedagogy for literacies learning, and the English curriculum in particular, by studying a variety of approaches to the teaching of reading and writing and use of chil dren's literature to develop a flexible repertoire of practices for plan ning for a balanced approach. This will contribute to the development of a literacies pedagogy for new times, which will necessarily reflect current research and recent initiatives in literacies education. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, stu dents may be transferred to the WEB offering and advised of this change before semester commences.

EDX2190 AUSTRALIAN HISTORY AND SOCIETY: CURRICULUM AND PEDAGOGY (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

This course engages students in a comprehensive and evaluative analysis of key curriculum and pedagogical approaches to the teaching and learning of History in contemporary classroom settings. It will be conducted through a variety of lectures, tutorials, discussions and related activities in seminar groups, independent inquiry, individ ual and small-group consultations and participation in 'interactive workshops'. All sessions are designed to further elaborate, consolidate and extend understanding through social-constructivist learning ex periences. The course is web supplemented and has a web-site which includes an electronic noticeboard and forum.

EDX2260 TEACHING SCIENCE FOR UNDERSTANDING (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

The aim of the course is to develop students' understanding of content in science, in parallel with their awareness of ways of transforming this understanding of the content for the learners in their context. Students will have the opportunity to examine their own misconcep tions, and to understand how such misconceptions might be avoided. Problem-solving skills will be advocated together with an approach to science that incorporates honesty, open-mindedness and informa tion sharing. Content will include: 1.Selected topics from the science curriculum (Physical Sciences, and Earth and Space Sciences) 2.Application of the notion of pedagogical content knowledge to the topics encountered in #1, and the development of suitability trans formed content which would be accessible to learners in the appro priate age groups. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

EDX3160 SCIENCE CURRICULUM AND PEDAGOGY (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

The aim of the course is to develop students' understanding of ped agogical strategies to address content in science, in parallel with their awareness of ways of transforming this understanding of the content so that what they know and the ways they have come to know it be come accessible to the children they teach. Sessions which involve the presentation of relevant scientific ideas, together with the identi fication of ways in which these ideas might be transformed so that they are accessible to children and young adolescents, will act as the stimulus for a series of laboratory sessions and workshops. Problem-solving skills will be advocated together with an approach to science that incorporates honesty, open-mindedness and informa tion sharing.

EDX3250 ADOLESCENCE: ISSUES AND CHALLENGES (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

This course has as its major focus an explication some of the major developmental, social and emotional challenges facing adolescents in school today. It builds on knowledge gained in EDC1100 Lifespan Development & Learning, EDC2100 Managing Supportive Learning Environments, and EDC2400 Diversity & Pedagogy. Key challenges are identified and discussed along with their implications for student behaviour and student welfare in the school environment. The role of the classroom teacher in working with, relating to and supporting adolescents is a particular focus of the course.

EDX3270 LITERACIES EDUCATION (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

This course focuses on the integration of literacies learning into the planning and implementation of learning opportunities for students in early childhood, primary and the middle years of schooling. Drawing on a range of pedagogies, including multiliteracies pedagogy and Designs for Learning, this course will enable pre-service teachers to design and plan integrated and inclusive learning opportunities and authentic assessment to ensure that the learning of literacies is em bedded into learning across the curriculum. Specific attention will be paid to the planning of focused learning/teaching episodes about the language forms and features and textual structures of written, visual and multimodal texts. The course will also focus on how to cater for diverse learners and the development of flexible repertoires of learning/teaching strategies for teaching reading and writing across a range of educational contexts.

EDX3280 MATHEMATICS CURRICULUM AND PEDAGOGY (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

Students will examine a variety of concepts from each strand within the primary school and middle school mathematics curriculum. Past and present practices will be critically examined in the light of research findings, curriculum documents and teaching practice. These practices will be analyzed, compared, adapted, modified and refined in the context of group discussion and guided workshop activities. Readings, computers and focus questions will be used to help students identify and address challenges faced by the typical teacher of mathematics. Students will be encouraged to build frameworks for thinking about and articulating their own approaches to teaching mathematics. Components making up the first assessment item will be integrated into these workshops and assessed on a continuous ongoing basis.

EDX4150 TRANSITIONS IN SECONDARY EDUCATION (FOEDU - UGRD)

Units 1.0 (Teacher Education) Band 5

In recent times both Federal and State Governments have identified the need to provide suitable pathways for students so they can tran sition effectively from the school setting to further study and training or into the workplace. This course will provide students with a framework for developing their knowledge and awareness of how the role of senior schooling is changing and also provide opportunities for students to reflect upon the changing role of the teacher in sec ondary schools. The course utilises a case study strategy to ensure the students meet and discuss contemporary issues related to path ways with experts in the school setting. With the emphasis upon supporting students as they choose the most appropriate pathways for their future, the students in this course will investigate processes currently in place related to career planning and education.

ELE1301 COMPUTER ENGINEERING (FOENS - UGRD)

Units 1.0 (Computer Engineering) Band 2

This course provides a fundamental understanding of the operation of the digital computer. It includes digital logic fundamentals; number systems; binary arithmetic; computer architecture; bussing: address modes; memory; instruction sets; machine and assembly language programming; analog to digital and digital to analog converters; in put/output methods and general interface techniques with practical examples.

ELE1502 ELECTRONIC CIRCUITS (FOENS - UGRD)

Units 1.0 (Electronic Engineering) Band 2

This course introduces the fundamental ideas, theory and devices of electronics. It develops these ideas in an applied way to the extent that the student will be able after successful completion, to use inte grated circuits, resistors and capacitors to arrange and build a range of circuits, and to apply basic scientific and mathematical principles to analyse simple circuits. The course is designed around a group of concrete projects which the students respond to, build, test and appropriately document. By this approach, a realistic understanding is gained and attention is focussed on those aspects of electronics as a component of engineering industry which are most valuable.

ELE1801 ELECTRICAL TECHNOLOGY (FOENS - UGRD)

Units 1.0 (Electrical Engineering) Band 2

Pre-requisite: ENG1500 or MAT1500 or Students must be enrolled in the following Program: MEPR

Electrical engineering is about the use of electrical and electronic technology to achieve most of our daily needs. To understand how electricity is used to achieve these needs, in Electrical Technology, students are provided with a working knowledge of electrical compo nents, machines, power supply systems and safety devices commonly encountered in the workplace. Analysis of DC and AC circuits, transformers, motors, generators, power supply systems, batteries and rectifiers form part of the work.

ELE1911 ELECTRICAL AND ELECTRONIC PRACTICE A (FOENS - UGRD)

Units 0.0 (Elect and Electr Eng and Techn) Band 2

The purpose of this practice course is to provide experimental support for the first level of all day or first and second level of all external programs in Electrical and Electronic Engineering, Computer Systems Engineering, Power Engineering and Instrumentation and Control Engineering. This course provides equipment familiarisation and safety information, together with experimental work in analog and digital electronics, waveform generation, combinational and sequential logic, DC circuits and machines, rectification, series resonance, power factor correction, transformers, AC motors and generators. The principle objectives are to allow the student to develop practical skills, and knowledge of devices, equipment and techniques, to rein force the learning of theory and develop observation and interpretation skills, and to stimulate interest and develop self confidence.

ELE2101 CONTROL AND INSTRUMENTATION (FOENS - UGRD)

Units 1.0 (Electrical, Electronic Enginee) Band 2

Pre-requisite: ENG1500 or MAT1500 or Students must be enrolled in the following Program: MEPR

This course covers the elements of classical control. A good grounding in the understanding of the dynamic behaviour of systems is followed by a study of the elements that make up some control systems. Standard techniques for modifying the behaviour of control systems are examined. Particular studies of real world control systems are used to bring together the topics previously covered.

ELE2103 LINEAR SYSTEMS AND CONTROL (FOENS - UGRD)

Units 1.0 (Electrical, Electronic Enginee) Band 2

Given that all engineering processes are time varying in nature, it is highly desirable to be able to model and hence predict their behaviour in time. This course initiates the skills necessary for the analysis, modification and achievement of specific behaviour in dynamic engi neering systems. At present, it is linear analysis which provides the most general and useful solutions to engineering problems. The ability to control the performance of dynamic systems is an essential part of most engineering tasks. The study of classical control tech niques and hardware provides an introduction to many of the prob lems that face the control engineer. Attention will be restricted to single input single output systems.

ELE2303 EMBEDDED SYSTEMS DESIGN (FOENS - UGRD)

Units 1.0 (Computer Engineering) Band 2

This course develops the techniques used in microcomputer design, interfacing and applications. It includes microcomputer architecture; assembly language programming; I/O methods and interface tech niques for parallel and serial, synchronous and asynchronous sys tems; programmed and multiple interrupt I/O, and DMA; interface examples involving standard and non standard microcomputer inter faces; and development of software for 8 bit and 16 bit microproces sors. A Microcomputer hardware and software design project is used to develop practical design skills.

ELE2501 ELECTRONIC WORKSHOP AND PRODUCTION (FOENS - UGRD)

Units 1.0 (Electrical, Electronic Enginee) Band 2

Pre-requisite: ELE1801 and ELE1502

A technical officer or professional engineer, employed in the electrical and electronic industry, will at some time be involved in the design and development of electronic equipment. A knowledge of manufac turing processes and construction practice is therefore necessary; whether developing new processes, improving existing processes, using manual skills "hands on" or supervising others using these skills. The information presented in this course will provide the nec essary background to manufacturing processes and the manual skills necessary to develop a final product. The aim of this course is to enable the student to comprehend the principles of modern manufac turing processes and to acquire competency in the design, construc tion and documentation of electronic equipment. The principles of component selection, printed circuit design using CAD software, fabrication and assembly techniques are presented and modern au tomated assembly using surface mount technology is introduced.

ELE2503 ELECTRONIC SYSTEMS (FOENS - UGRD)

Units 1.0 (Electronic Engineering) Band 2

Pre-requisite: ELE1502

Completion of this course will enable an understanding of the opera tion of most of the basic circuits found in electronic equipment of both an analogue and a digital nature. The transistor as an amplifier is treated leading to an understanding of differential amplifiers and power amplifiers, but also extending briefly to high frequency effects and problems of handling small voltage signals. This leads to a con sideration of operational amplifier small scale effects and thus to the questions of analogue measurements and instrumentation amplifiers. The effect of capacitors on analogue circuit performance is covered leading to active filters and the theory of oscillation in a context of feedback theory. Switched mode voltage regulators are introduced as well as the operation of monostable and astable circuits, waveform generating circuits and interfaces between simple analogue and digital signal areas.

ELE2504 ELECTRONIC DESIGN AND ANALYSIS (FOENS - UGRD)

Units 1.0 (Electronic Engineering) Band 2

Pre-requisite: ELE1502 or Students must be enrolled in the following Program: MEPR

Familiarity with electronic devices and circuits is fundamental to electrical engineering. The material covered here will further develop both in breadth and depth that which was covered in the preceding courses, with a significant emphasis on developing design skills. Topics to be covered will include: semiconductor devices (discrete and integrated), logic families, multistage amplifiers, operational amplifiers, active filters, negative and positive feedback, oscillators, power supplies and selected circuits used in communication systems.

ELE2601 TELECOMMUNICATIONS PRINCIPLES (FOENS - UGRD)

Units 1.0 (Communications Technologies) Band 2

Pre-requisite: (ELE1502 and ELE1801) or Students must be enrolled in one of the following Programs: GCEN or GDET or METC

The electronic communications industry is an essential part of the modern world. It provides two way communications for both voice and data services as well as radio and television broadcasts. This course introduces the building blocks and the principles on which typical electronic communications systems operate. It examines the nature of signals in both the time and frequency domain and considers how information signals may be transmitted using modulated carrier signals. Radio frequency transmission lines, radio wave propagation and basic antennas are included. The course also covers fibre-optic data communication systems.

ELE2702 ELECTRICAL MEASUREMENT AND ANALYSIS (FOENS - UGRD)

Units 1.0 (Electrical Engineering) Band 2

Pre-requisite: (ENG1500 or MAT1500) and ELE1801

In electrical, electronic and instrumentation industries, engineering professionals perform tests and measurements for quality assurance and performance evaluation to comply with Australian Standards. They need to acquire basic knowledge and skills in electrical analogue measurement techniques and to become familiar with Australian Standards. Topics in this course deal with theoretical aspects of using analogue measuring instruments and test equipment, and analytical techniques for performance evaluation of components, devices and circuits.

ELE2704 ELECTRICITY SUPPLY SYSTEMS (FOENS - UGRD)

Units 1.0 (Electrical Engineering) Band 2

This course introduces the principles and practical aspects of gener ation, transmission distribution and control of electrical energy. On successful completion of this course, the student should be able to discuss the technical, environmental and economic considerations of planning and operating different types of electrical plant (genera tors, transformers, circuit breakers, cables, insulators and transmis sion lines), as well as principles of substation layout, control, instru mentation and protection. The student should also be aware of the theoretical principles of system stability, load flow, and fault analysis of power systems using computing software tools.

ELE2912 ELECTRICAL AND ELECTRONIC PRACTICE B (FOENS - UGRD)

Units 0.0 (Elect and Electr Eng and Techn) Band 2

Pre-requisite: ELE1801 and ELE1301 and ELE1502

The purpose of this practice course is to provide experimental support for level two of all internal programs and level three of all external programs in Electrical and Electronic, Computer Systems, Power Engineering, Instrumentation and Control Engineering. Engineering practice skills, such as the ability to perform practical and project work, innovation, problem identification and solution and engineering judgement will be developed as the student's progress through their program. The development of communication skills is also encouraged in the engineering practice courses. This practice course will also reinforce the learning of theory and develop observation and interpre tation skills and to stimulate interest and develop self confidence. The course provides equipment familiarisation and safety information for electrical measurement, telecommunications, microprocessor programming and PCB design.

ELE2913 ELECTRICAL AND ELECTRONIC PRACTICE C (FOENS - UGRD)

Units 0.0 (Elect and Electr Eng and Techn) Band 2

The purpose of this practice course is to provide experimental support for the 2nd level of day programs, and the 4th level of all external programs in Electrical & Electronic Engineering. This practice course provides equipment familiarisation and safety information, experience with prototyping together with experimental work in Rotating Ma chines, Transformers and Power Systems, Electronic Circuit Testing, Component and Circuit Characteristics, Waveform Analysis and Transmission Lines. The principle objectives are to allow the student to develop practical skills; a knowledge of devices, equipment and techniques; reinforce the learning of theory; develop observation and interpretation skills; stimulate interest and develop self confidence.

ELE3105 COMPUTER CONTROLLED SYSTEMS (FOENS - UGRD)

Units 1.0 (Electrical, Electronic Enginee) Band 2

Pre-requisite: ELE2103 or Students must be enrolled in one of the following Programs: GCNS or GCEN or GDNS or MEPR or MENS or METC

To apply control to any 'real' problem, it is first necessary to express the system to be controlled in mathematical terms. The 'state space' approach is taught both for expressing the system dynamics and for analysing stability both before and after feedback is applied. These concepts involve revision and extension of matrix manipulation and the solution of differential equations. By defining a time-step to be small, these state equations give a means of simulating the system and its controller for both linear and nonlinear cases. Many of the implementations of on-line control now involve a computer, which applies control actions at discrete intervals of time rather than contin uously. It is shown that discrete-time state equations can be derived which have much in common with the continuous ones. Simulation does not then rely on a very small time step. The operator 'z' is first introduced with the meaning of 'next', resulting in a higher order dif ference equation to represent the system, then shown to be a param eter in the infinite series which is summed to form a 'z- transform'. It is shown that the discrete-time transfer function in z can be derived from the Laplace transform of the continuous system, with additional terms to represent the zero order hold of the DAC. Analysis of stabil ity in terms of the roots of a characteristic equation are seen to parallel the continuous methods and techniques of pole assignment and root locus are also seen to correspond. Techniques are presented for synthesising transfer functions by means of a few lines of computer code, to make stable control possible for systems which would be unstable with simple feedback.

ELE3107 SIGNAL PROCESSING (FOENS - UGRD)

Units 1.0 (Electrical, Electronic Enginee) Band 2

Signal processing is the treatment of signals to enable detection, classification, transmission or enhancement. Such signals may, for example, be the apparent noise generated by a mechanical process, music, speech or other audio, or a video image. This course aims to give the student a thorough grounding in the theoretical and practical aspects of digital signal processing. Practical applications of signal processing are emphasised via directed experimentation and assign ment work.

ELE3305 COMPUTER SYSTEMS AND COMMUNICATIONS PROTOCOLS (FOENS - UGRD)

Units 1.0 (Computer Engineering) Band 2

Computing and data communications have converged, such that data communications has become an integral part of many computer systems. This course is based around two central themes. The first is the logical extension of the material covered in the preceding Computer Engineering courses. This involves a more detailed study of advanced computer design and operating system topics including memory management, virtual memory, process management, cache memory, processor architectures and performance. The second theme is the design, implementation and use of data communication systems. This section, comprising approximately half the course, covers local area network protocols such as Ethernet, together with higher level protocols such as TCP/IP. An in-depth understanding of the theoretical and practical operation of these protocols and the In ternet is emphasised by implementation examples.

ELE3307 REAL TIME SYSTEMS (FOENS - UGRD)

Units 1.0 (Computer Engineering) Band 2

Pre-requisite: ELE1301 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MENS

Many engineering systems today involve the integration of computer hardware and software in the form of embedded algorithms and de vice controllers, particularly those operating in real time. Examples include digital signal processors (DSP's) for telecommunications systems, real time process control and device driver software to control hardware devices. This course aims to give students exposure to concepts related to real time systems and event driven program ming, together with practical experience in the design of advanced engineering computer applications using low level operating system functions and hardware devices.

ELE3401 SOFTWARE ENGINEERING DESIGN PRINCIPLES (FOENS - UGRD)

Units 1.0 (Computer Engineering) Band 2

In this course the student will gain a broad understanding of all as pects of the software development process. The topics covered in clude end-user requirements analysis and specification, the software lifecycle, design and specification techniques, component testing and integration testing, and maintenance and cost issues, together with an introduction to software project management. The selection of software development paradigms, design for re-use, test coverage, coding and documentation conventions, and revision management tools are examined. Current and emerging thinking in software devel opment is addressed using professional literature and industry case studies. The course is enhanced by the coverage of other aspects such as ethical considerations and team psychology.

ELE3506 ELECTRONIC MEASUREMENT (FOENS - UGRD)

Units 1.0 (Electronic Engineering) Band 2

Pre-requisite: (ELE1502 and (ELE2101 or ELE2103) and (ELE2503 or ELE2504)) or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or MENS

Central to the profession of all electrical engineering professionals is the measurement of electrical quantities, or more generally, phys ical quantities whose values have been rendered electrical by a transducer. Such measurements are almost invariably made with the aid of electronics, and increasingly by sophisticated instrumentation which provides multidimensional displays and analytical capabilities. Automation of such measurements is also on the rapid increase. However, in the face of these developments the need to comprehend the physical principles of making accurate, precise and trustworthy measurements, particularly of small quantities (microvolts, microam peres), remains fundamental. It is the task of the engineering profes sional to be able to specify and evaluate equipment for a given measurements task; this requires an appreciation of electronic mea surement systems : at the system level by an awareness of the range, operating principles and limitations of commercial test equipment; and, at the circuit level which includes the effects and minimisation of interference, certain commonly employed circuit and IC configura tions such as the Phase Lock Loop and frequency synthesis, and choice of components and construction details. An important aspect of the operating requirements of equipment is the need for them to be electromagnetically compatible. It is also the responsibility of professionals to implement measurement systems with regard to their human and environmental impact, and some introduction to these issues is also provided.

ELE3803 ELECTRICAL PLANT (FOENS - UGRD)

Units 1.0 (Electrical Engineering) Band 2

Pre-requisite: ELE1801 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GDNS or MENS

Electricity touches almost every aspect of our lives and occupations. In Electrical Plant students develop skills and knowledge in the selec tion, installation, operation, control and maintenance of electrical equipment such as transformers, power supplies, motors, generators and other types of energy converters found in the workplace. It pro vides students with skills to carry out performance analysis of electri cal equipment, power generation and supply systems and conduct energy audit of electrical installations.

ELE3805 POWER ELECTRONICS PRINCIPLES AND APPLICATIONS (FOENS - UGRD)

Units 1.0 (Electrical Engineering) Band 2

Pre-requisite: (ELE1502 and ELE1801) or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GDNS or MENS

Power Electronics deals with the study of semiconductor devices and their applications in in the industry. Power semiconductor devices, such as the diode, thyristor, triac and power transistor, are used in applications as switching devices. The modern electrical engineer requires knowledge of these devices and their applications in rectifi cation, inversion, frequency conversion, dc and ac machine control, renewable energy and switch-mode power supplies. Engineers need to be aware of the undesirable effects that any power electronic equipment imposes on both the supply system and the load, and how these effects may be minimised.

ELE3807 POWER SYSTEMS ANALYSIS (FOENS - UGRD)

Units 1.0 (Electrical Engineering) Band 2

Engineers designing and managing electrical power networks need to be familiar with the mathematical tools and the computer based techniques which are commonly used to analyse, operate and monitor such systems. The course deals with fault level calculation, power flow, power system stability and economic operation.

ELE3913 COMPUTER SYSTEMS ENGINEERING PRACTICE (FOENS - UGRD)

Units 0.0 (Computer Engineering) Band 2

The purpose of this practice course is to provide experimental support for the 3rd level of the day programs, and the 5th level of the external Bachelor of Engineering and Bachelor of Engineering Technology programs in Computer Systems Engineering, and the fourth level of the external Bachelor of Engineering in Instrumentation and Control Engineering. Day students will complete this laboratory work in con junction with the courses listed above as co-requisites. In the case of external students, this laboratory work will be performed during a one week residential school. This practice course provides equipment familiarisation, experience with prototyping, Electronic Circuit Testing, Component and Circuit Characteristics, Waveform Analysis and Transmission Lines, and Computer Hardware and Software. The principle objectives are to allow the student to develop practical skills; a knowledge of devices, equipment and techniques; reinforce the learning of theory; develop observation and interpretation skills; stimulate interest and develop self confidence.

ELE3914 ELECTRICAL AND ELECTRONIC PRACTICE D (FOENS - UGRD)

Units 0.0 (Elect and Electr Eng and Techn) Band 2

Pre-requisite: ELE1801 and ELE1301 and ELE1502

This course provides experience with a range of advanced electrical and electronic equipment of the kind not likely to be available for analysis in industry. This equipment includes advanced electronic test equipment, electromagnetic compatibility measuring equipment, automatic electronic test equipment programmed with graphical programming software and programmable logic controllers, power electronic systems such as motor drives and rectifiers and a variety of electrical machines. Work during the course will be in small teams and students are expected to perform satisfactorily in this context.

ELE3915 ELECTRICAL AND ELECTRONIC PRACTICE E (FOENS - UGRD)

Units 0.0 (Elect and Electr Eng and Techn) Band 2

This is the final practice course for Bachelor of Engineering students majoring in Electrical and Electronic or Computer Systems Engineer ing. Day students will complete this laboratory work in conjunction with the courses listed above as Day co-requisites. In the case of external students this laboratory work will be performed during a one week residential school, during either year 6 or 7 of their program. If the latter, the course may be undertaken immediately adjacent to ENG3902 Professional Practice 1, so that both may be completed over a two week period. This course provides experimental work and project work in the areas of computer systems and computer network ing. The principle objectives are to allow the student to develop knowledge of techniques, apply theory and interact with phenomena in real situations, and further develop problem identification and so lution skills together with a capacity for self learning. A significant proportion of the course is devoted to group based project work.

ELE3916 SOFTWARE ENGINEERING TEAM PRACTICE (FOENS - UGRD)

Units 0.0 (Computer Engineering) Band 2

This is the final practice course for Bachelor of Engineering students majoring in Software Engineering and for Bachelor of Engineering Technology students majoring in Computer Systems Engineering. Day students will complete this laboratory work in conjunction with the courses listed above as Day co-requisites. In the case of external students this laboratory work will be performed during a one week residential school, during year 6 of their program. For Bachelor of Engineering students, the course may be undertaken in year 7 imme diately adjacent to ENG3902 Professional Practice 1, so that both may be completed over a two week period. This course provides experimental work and project work in the area of computer network ing. The principle objectives are to allow the student to develop knowledge of techniques, apply theory and interact with phenomena in real situations, and further develop problem identification and so lution skills together with a capacity for self learning. A significant proportion of the course is devoted to group based project work.

ELE4402 SOFTWARE ENGINEERING PROJECT MANAGEMENT (FOENS - UGRD)

Units 1.0 (Computer Engineering) Band 2

In this course the student will be introduced to the issues involved in managing software projects, both small and large. It is important that the team player recognize that the success of a large project depends on the interaction of a large number of factors, some of which are beyond the control of those who are directly involved in the project. Issues which must be addressed include client liaison, product specification, planning, selection of appropriate technologies, staffing, personnel management, progress assessment and team leadership.

ELE4605 FIELDS AND WAVES (FOENS - UGRD)

Units 1.0 (Communications Technologies) Band 2

Pre-requisite: (MAT1502 and ELE2103 and ELE2601) or Students must be enrolled in the following Program: MEPR or MENS

It is a common requirement of an electrical engineer to convey elec trical energy from one place to another, whether for the purpose of power or information transport. A pair of conductors used for this purpose constitute a transmission line, and for any appreciable dis tance a.c. voltages and currents on the line must be regarded as a travelling wave - whether from a power station, in a radio receiver, or across a digital circuit board. The electric and magnetic fields as sociated with voltage and currents may be similarly propagated as a travelling wave; such fields also constitute the basis of electrical machines and are the cause of much unwanted interference. There fore, an understanding of both wave propagation and electro- mag netic fields is essential in all branches of electrical engineering.

ELE4606 COMMUNICATION SYSTEMS (FOENS - UGRD)

Units 1.0 (Communications Technologies) Band 2

Pre-requisite: (ELE2504 and ELE2601) or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or MENS

The purpose of this course is to provide an introduction to the spe cialised techniques and components which are common to both analog and digital communication systems. Topics studied include phase locked loops, noise, modulation methods, electromagnetic propagation, antennas and optical fibre communication. The relevance of these topics is illustrated by reference to existing communication systems such as the telephone network, TV, cellular mobile and mi crowave radio, radio navigation aids, and satellite communication systems. The course is intended for final year electrical degree stu dents, and assumes some knowledge of electromagnetic fields and Maxwell's equations.

ENG1002 INTRODUCTION TO ENGINEERING AND SPATIAL SCIENCE APPLICATIONS (FOENS - UGRD)

Units 1.0 (EnginTech not classified) Band 2

The purpose of this course is to introduce students to the engineering and spatial science professions, to provide them with an understand ing of the fundamental concepts of engineering science and to devel op the basic skills necessary to effectively study in an engineering or spatial science discipline. Students will learn how to apply these skills and knowledge, using an engineering systems approach, to a range of authentic multidisciplinary engineering and spatial science problems. Topics covered include the nature of engineering and spatial science; fundamentals of engineering science and their appli cation; study skills and an exposure to a range of professional skills including technical communications, calculation and presentation tools and information literacy.

ENG1100 INTRODUCTION TO ENGINEERING DESIGN (FOENS - UGRD)

Units 1.0 (Computer Graphics) Band 2

The rationale for this course is to motivate students by fostering cre ativity and introducing conceptual design, sustainable design in engi neering, industrial design, computer aided design and drafting early in the course. Early training and practice in the engineering design method, the introduction to engineering handbooks and commercial catalogues is necessary for a foundation to which students can relate future studies in the more advanced courses of the program. Engi neers need skills in graphical communication and spatial vision in the practice of their profession.

ENG1101 INTRODUCTION TO ENGINEERING PROBLEM SOLVING (FOENS - UGRD)

Units 1.0 (EnginTech not classified) Band 2

This course introduces the student to some important engineering tools that will provide the basis for future work and study. The student will be introduced to the concept of a system and the need for multi disciplinary and virtual teamwork in most engineering activities. As pects of physical properties and conceptual designs are investigated and both these are applied to the analysis of complex real world projects. The course is presented as an initial introduction to problem based learning, and the use of virtual teamwork and electronic com munication is emphasized throughout. All students are expected to contribute and to interact in a positive and constructive manner with other team members. This interaction is assessed. Students are ex pected to work both independently and as part of a team to provide solutions to projects which demonstrate use of appropriate technology and cultural sensitivity. Students must plan and reflect on their own learning, peer and self assess and demonstrate they have met their learning goals, both individually and as a team.

ENG1500 ENGINEERING FUNDAMENTALS (FOSCI - UGRD)

Units 1.0 (EnginTech not classified) Band 2

This course integrates mathematical and physics concepts to provide students with an introduction to the fundamentals for engineering and surveying. Topics included are: basic arithmetic, measurement, basic algebra, functions and graphing, exponential, logarithmic and trigonometric functions, force and electricity.

ENG1901 ENGINEERING PRACTICE 1 (FOENS - UGRD)

Units 0.0 (EnginTech not classified) Band 2

This course is the first of a series of Practice courses that are intended to enable students to acquire engineering and professional practice skills. Engineering practice skills, such as the ability to perform practical and project work, innovation, problem identification and so lution, and engineering judgement, will be developed as students progress through their programmes of study through activities such as laboratory and field work, engineering problem solving and design and project work. Students will generally work in teams to assist with the building of group interaction skills such as negotiation and inter active thinking. The development of other professional practice skills, such as written and oral communication, is also encouraged in the engineering practice courses. In this introductory course, external students will attend a residential school and undertake practical work primarily in the areas of instrumentation and measurement, or engi neering materials and manufacturing. They will be required to prepare a comprehensive report and to present a seminar on one aspect of this work. Students will be introduced to the library and computing facilities of the University and are expected to utilise these resources in the compilation of their reports and seminars. A series of keynote addresses will be staged to assist students with their task. On campus students will also undertake practical work in the areas of instrumen tation and measurement, or engineering materials and manufacturing, and will be required to prepare a comprehensive report and to present a seminar. For these students, the practical work will be performed throughout the semester. All students will be introduced to the Workplace Health and Safety Act and will undertake a preliminary workplace health and safety exercise. ENG1901 Engineering Practice 1 is intended primarily to cater for the needs of recent school leavers and people with limited working experience in engineering industry. If you have a trade certificate and have been employed in industry for some time, you will probably be able to claim exemption from the course.

ENG2002 TECHNOLOGY, SUSTAINABILITY AND SOCIETY (FOENS - UGRD)

Units 1.0 (EnginTech not classified) Band 2

Students of engineering and surveying need to understand and be convinced that through their future professional work they will relate to the rest of society. Throughout their careers they will need to strive to ensure that this relationship is meaningful and successful. Only then will they earn respect for themselves and their profession, and ensure their work will be valued and recognised. For engineers and surveyors to meet their responsibilities towards society they must be able to appreciate how politics, culture, economics and the law affect their work and how their work impacts on different sections of the community and the physical environment. They must also be prepared to deal with the issue of long-term sustainability. The goal of this course is to provide students with the opportunity to develop skills and attitudes that would help them promote and defend their work within their profession and within society at large.

ENG2102 ENGINEERING PROBLEM SOLVING AND ANALYSIS (FOENS - UGRD)

Units 1.0 (EnginTech not classified) Band 2

Pre-requisite: ENG1101

This course will increase a student's ability to work as part of an en gineering team. It presents a range of engineering theory and appli cations through engineering design concepts that are learnt within the context of solving a real world problem. This course focuses pri marily on the use of statistical analysis to analyse data, propose so lutions, solve problems and to evaluate possible solutions. In addition the student is required to further develop their computer skills (espe cially Excel) to illustrate and present the results of their work.

ENG2909 WORK EXPERIENCE - ASSOCIATE (FOENS - UGRD)

Units 0.0 (EnginTech not classified) Band 2

Students must complete a minimum of 30 days of professional practice in their discipline field to be eligible to graduate from the Associate Degree of Engineering program. This work experience course is intended to enable students to document practical engineer ing and professional practice skills they acquire within the workplace. Work experience may be achieved in numerous ways ranging from roles as junior members of teams to tasks that form part of discrete engineering projects. This experience should enhance a student's ability to perform practical and project work, to be innovative, to solve problems and identify solutions, thereby developing engineering judgement. Students will prepare a career episode report (CER) of less than two pages in length in which they compare their acquired competencies to at least two Engineers Australia (EA) stage 1 com petency units. A diary with regular entries must be maintained and periodically certified by the work experience provider as a true and faithful record of the hours the student has completed. The CER prepared for ENG2909 may be used as a part of the required docu mentation when applying to Engineers Australia for registration as a Chartered Engineering Officer. All students should demonstrate at least a basic achievement in two elements drawn from Appendix C, stage 1 competency units, Applicant's hand book for Chartered status, Engineers Australia. On campus students are advised to contact the Industry Experience and Development Office at Student services for assistance with work experience queries. Both on-campus and exter nal students will be required to submit their CER and work diary electronically for review and assessment by the due date to permit timely assessment.

ENG2911 AD CAPSTONE PROJECT (FOENS - UGRD)

Units 0.0 (EnginTech not classified) Band 2

Students will work in small teams on design-based projects that en able them to demonstrate achievement of the graduate attributes required for an Engineering Associate. Each group of students will work on a discipline-related project for which they will collectively complete a design solution, within the specified time constraints. Suggested project topics from industry are welcome, but may not be offered in the same year as proposed to ensure thorough vetting by the staffing team. Working in teams will reinforce students' group in teraction skills such as negotiation and interactive thinking. The available projects will require students to apply discipline-specific skills and knowledge acquired during their Associate Degree program.

ENG3003 ENGINEERING MANAGEMENT (FOENS - UGRD)

Units 1.0 (EnginTech not classified) Band 2

Engineers have a sound educational base in the theory and applica tion of technology, and they are well placed to play important roles as managers in manufacturing, construction and other engineering industries. Many engineers take on managerial roles during their careers, some within a short time of graduation. It is therefore essen tial that graduate engineers have an understanding of the basic principles of management and their application in engineering organ isations. Graduates also need an appreciation of the social environ ment within which they will practice, particularly those aspects of the law and ethics pertaining to the engineering profession.

ENG3103 ENGINEERING PROBLEM SOLVING COMPUTATIONS (FOENS - UGRD)

Units 1.0 (EnginTech not classified) Band 2

Pre-requisite: (ENG2102 and MAT1502) or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GDNS or MENS

This is the third in a sequence of four courses that use a 'problem based learning approach' to extend the student's knowledge of the complex world of engineering. In this course the student will build on the problem solving skills developed in earlier courses whilst acquir ing, mastering and assimilating new knowledge and techniques into their chosen field of study. Of particular importance to the engineer is the ability to develop an appropriate model to describe the be haviour of an engineering system, and then to analyse that behaviour and apply engineering judgement in the interpretation of the results of that model. Often this model will be of a mathematical nature and the engineer requires the ability to solve such numerical problems. The student will be required to develop skills in programming using a scripting language. The student will undertake a range of numerical computation exercises using a scripting language. As in the previous courses of this strand, the student is to develop skills in problem solving within an engineering context. A number of real world prob lems and case studies provide the basis for meeting this objective.

ENG3111 TECHNOLOGY DESIGN PROJECT (FOENS - UGRD)

Units 1.0 (EnginTech not classified) Band 2

Pre-requisite: ENG2102

In this course, the widest implications of a service, product, or process are considered at the project design stage, including not only the technical interactions of the various subsystems, but also the financial, ethical, political, sociological, and socio-economic implications. This course leads the student to an understanding of the philosophy and methodology of the design process in the context of systems which embrace political, sociological, economic, technical, and ergonomic aspects. The Technology Design Project is the capstone project course in the three-year Bachelor of Engineering Technology pro gram. The project is team-based with students working in small groups of four students drawn from a specific discipline area. Each team will work on a project drawn from the list of the current years Engineers Without Borders (EWB) challenge (or similar) but in greater detail and with more focus on interactions within the system. The project is intended to enable students to demonstrate their attainment of in-depth design skills with a definite deliverable in the form of a detailed report accompanied by engineering drawings and related calculations. The experience gained in this course will enhance a student's ability to perform project work, to be innovative, to solve problems and identify solutions, thereby developing engineering judgement This is a senior course and it is assumed that the student has the maturity, knowledge and skills base commensurate with having completed the first two years of their undergraduate course.

ENG3902 PROFESSIONAL PRACTICE 1 (FOENS - UGRD)

Units 0.0 (EnginTech not classified) Band 2

This is the first of two courses which address, in a generic sense, the practice of professional engineering and professional spatial sci ence. The course is concerned largely with non-technical matters, generally independent of the specific disciplines, which involve the particular work undertaken, performance and responsibilities borne by the professional engineer and spatial scientist. The major manifes tations of this professional practice is the participation in professional development activities and the planning, execution and reporting of project work. Hence a major portion of this course is directed at the preparation for the commencement of your final year ENG4111 Re search Project Part 1 and ENG4112 Research Project part 2. This preparation includes consulting with supervising staff, a lecture and attendance at the annual "Project Conference" in which ENG4903 Professional Practice 2 students present their completed project work to other students, staff and members of various professions. Students will also participate in, and report on, a range of laboratory sessions, demonstrations, seminars and workshops provided by staff of the Faculty, the wider university and by industry representatives. Students are required to choose and self organise the completion of one or two similar activities off campus. These activities (labeled "Booths") seek to provide the student with some insight into the "cutting edge" of current engineering and surveying practice.

ENG3909 WORK EXPERIENCE - TECHNOLOGIST (FOENS - UGRD)

Units 0.0 (EnginTech not classified) Band 2

Students must complete a minimum of 45 days of professional practice in their discipline field to be eligible to graduate from the Bachelor of Engineering Technology program. This work experience course is intended to enable students to document practical engineer ing and professional practice skills they acquire within the workplace. Work experience may be achieved in numerous ways ranging from roles as junior members of teams to tasks that form part of discrete engineering projects. This experience should enhance a student's ability to perform practical and project work, to be innovative, to solve problems and identify solutions, thereby developing engineering judgement. Students will prepare a career episode report (CER) of less than two pages in length in which they compare their acquired competencies to at least three Engineers Australia (EA) requirements for Engineering Technologist certification. A diary with regular entries must be maintained and periodically certified by the work experience provider as a true and faithful record of the hours the student has completed. The CER prepared for ENG3909 may be used as a part of the required documentation when applying to Engineers Australia for registration as a Chartered Engineering Technologist. All students should demonstrate at least a basic achievement in three elements drawn from Appendix C, stage 1 competency units, Applicant's hand book for Chartered status, Engineers Australia. On campus students are advised to contact the Industry Experience and Development Office at Student services for assistance with work experience queries. Both on-campus and external students will be required to submit their CER and work diary electronically for review and assess ment by the due date to permit timely assessment.

ENG4004 ENGINEERING PROJECT AND OPERATIONS MANAGEMENT (FOENS - UGRD)

Units 1.0 (EnginTech not classified) Band 2

Engineering Project and Operations Management techniques are used extensively in modern engineering industry to plan, organise and control construction and manufacturing. Engineering project and operations management is also referred to as `operational research' and utilises quantitative analysis to assist with the decision making process. In this course several analytical techniques will be investi gated including network analysis, project management, linear pro gramming and quality control. Many of these quantitative methods are used, not only in engineering production and project work, but also in the management of other processes.

ENG4104 ENGINEERING PROBLEM SOLVING SIMULATIONS (FOENS - UGRD)

Units 1.0 (EnginTech not classified) Band 2

Pre-requisite: ENG3103 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GDNS or MENS

This course introduces the student to the treatment of real world en gineering systems. Advanced numerical techniques and programming skills for the handling of non linearity and partial differential equations will be learnt. In addition, the student is required to explore the philosophical approaches to engineering problem solving and evaluate the "downstream" consequences of specific solutions to the problems.

ENG4111 RESEARCH PROJECT PART 1 (FOENS - UGRD)

Units 1.0 (EnginTech not classified) Band 2

Pre-requisite: ENG3902 or Students must be enrolled in the following Program: GDST

The project (comprising ENG4111 Research Project Part 1 immedi ately followed by ENG4112 Research Project Part 2) is intended to integrate and augment the student's total formal knowledge by means of its application to a real problem at the appropriate professional level. This course (being the first half of the project) will comprise firstly the selection, negotiation and approval of a project topic appro priate to the student's major study. Following this the student will (i) research the background, context and literature, (ii) develop an ap propriate methodology, (iii) demonstrate a sound appreciation of the overall task and its constraints by formal reporting, and (iv) make substantial progress in the execution of the work.

ENG4112 RESEARCH PROJECT PART 2 (FOENS - UGRD)

Units 1.0 (EnginTech not classified) Band 2

Pre-requisite: ENG4111

Following satisfactory progress in ENG4111 Research Project Part 1 in the preceding semester of offer, and with the continuing guidance of supervisor/s, the student will further develop skills spanning both the technical and non-technical dimensions of engineering and spatial science at the professional level. The student will study and replicate the rationale, style and format of the academic dissertation and present the total project work (comprising ENG4111 Research Project Part 1 and ENG4112 Research Project Part 2) as a dissertation.

ENG4903 PROFESSIONAL PRACTICE 2 (FOENS - UGRD)

Units 0.0 (EnginTech not classified) Band 2

Pre-requisite: ENG3902

This is the second of two courses which address, in a generic sense, the work undertaken, the performance required and responsibilities borne by the practices of professional engineering and spatial science. As the final practice course in the Bachelor of Engineering and Bachelor of Spatial Science, this course is particularly concerned with interaction with the professions at large. It is also concerned with developing an awareness of professional ethics, environmental re sponsibilities and sustainability principles. A major part of all engineer ing and spatial science project work is the appropriate communication of the outcome. This course provides guidance and experience in both verbal (seminar) and written reporting skills and is undertaken to complement the courses ENG4111 Research Project Part 1 and ENG4112 Research Project Part 2 in the final year of the Bachelor Degree. The presentation of a major seminar on the work undertaken during the final year project is a requirement for the completion of this course.

ENG4909 WORK EXPERIENCE - PROFESSIONAL (FOENS - UGRD)

Units 0.0 (EnginTech not classified) Band 2

Students must complete a minimum of 60 days of professional practice in their discipline field to be eligible to graduate from the Bachelor of Engineering program. This work experience course is intended to enable students to document practical engineering and professional practice skills they acquire within the workplace. Work experience may be achieved in numerous ways ranging from roles as junior members of teams to tasks that form part of discrete engi neering projects. This experience should enhance a student's ability to perform practical and project work, to be innovative, to solve problems and identify solutions, thereby developing engineering judgement. Students will prepare a career episode report (CER)of less than two pages in length in which they reflect on their acquired competencies and how they relate to at least four Engineers Australia (EA) requirements for level 1 certification. A diary with regular entries must be maintained and periodically certified by the work experience provider as a true and faithful record of the hours the student has completed. The CER prepared for ENG4909 may be used as a part of the required documentation when applying to Engineers Australia for registration as a Chartered Professional Engineer. All students should demonstrate at least a basic achievement in four elements drawn from Appendix C, stage 1 competency units, Applicant's hand book for Chartered status, Engineers Australia. On campus students are advised to contact the Industry Experience and Development Office at Student services for assistance with work experience queries. Both on-campus and external students will be required to submit their CER and work diary electronically for review and assess ment by the due date to permit timely assessment.

ENG5001 PROFESSIONAL SKILLS IN ENGINEERING (FOENS - PGRD)

Units 1.0 (EnginTech not classified) Band 2

This course will provide students with the opportunity to acquire or enhance the personal and professional skills required for them to succeed in their respective USQ engineering program. Two themes are followed throughout the course. Firstly, the development of per sonal and self management skills and, secondly, the development of skills and understanding about the stages in, and processes used when applying the 'engineering method'. The learning is situated in the Australasian context and case studies are used so students will acquire their knowledge and skills about the engineering and spatial science professions in a real world environment. The first assessment item requires students to reflect on and self-assess their progress towards achieving Engineers Australia's Stage 1 Competencies and then map a pathway to help them achieve that goal. In the second assessment item students will apply the engineering method to a project, and use basic project management skills to manage the processes in each stage of the method.

ENG8001 ENGINEERING AND SURVEYING RESEARCH METHODOLOGY (FOENS - PGRD)

Units 1.0 (EnginTech not classified) Band 2

The course provides students with the ability to (critically) evaluate research literature including conference papers and journal articles in order to determine the current state of knowledge. In addition, the course will instruct students in the principles of research to enable them to conduct research and prepare an original project in their professional area of interest. Students will be instructed how to pro pose and justify an appropriate research plan for a particular research problem, to choose and apply appropriate methodology, to judge the degree to which conclusions are supported by data, to judge the logical consistency of written material and evaluate the outcome of a research project in terms of useable knowledge, and to design, defend and evaluate research proposals, and to apply techniques for writing clear and well expressed technical papers and reports.

ENG8002 PROJECT AND DISSERTATION (FOENS - PGRD)

Units 4.0 (EnginTech not classified) Band 2

Pre-requisite: ENG8001

This course provides a vehicle for students to apply their formal knowledge to the solution of an engineering problem. With appropriate supervision, students will define and analyse the problem, and then develop and evaluate possible solutions. Where possible, the solution to the problem will be trialed using appropriate hardware. Students are expected to produce an accurate and detailed written account of their work.

ENG8011 ASSESSMENT OF FUTURE SPECIALIST TECHNOLOGY (FOENS - PGRD)

Units 1.0 (EnginTech not classified) Band 2

An overview is made of products and markets: Food and subsistence, travel, entertainment and spectator sport, health and healing, partic ipation sport, conflict, functions of government, information and en forcement. Changes that shape our surroundings are traced back to their original invention - eg. the invention of the lift underpinned the possibility of the high rise building. Routes to innovation are consid ered, including product convergence, cross fertilisation - as with the effect of computing power on biotechnology, inventing by analogy - as with the 'spin' transistor. The nature of product stagnation is re viewed - as with the vacuum cleaner - and means whereby novelty can be introduced (eg. Dyson). Fashion in innovation is observed - the tendency for leapfrogging sequences of advances in a narrow field. Advantageous deficiency is mentioned - the deliberate introduc tion of defects to induce sales of replacements.

ENG8101 TECHNOLOGICAL IMPACT AND ITS MANAGEMENT (FOENS - PGRD)

Units 1.0 (EnginTech not classified) Band 2

This course seeks to review current technological development and to evaluate its impact on the world on we live in. The relationship between modern society and technological development is examined and the role of technological development on wealth creation and business is presented. The overall social need to manage such de velopment is assessed as well as Technology creation, transfer and exploitation.

ENG8103 MANAGEMENT OF TECHNOLOGICAL RISK (FOENS - PGRD)

Units 1.0 (EnginTech not classified) Band 2

This course is concerned with the prediction and assessment of technical risks. It introduces a range of qualitative and quantitative techniques used for the analysis of risk and to manage technological projects and processes in such a way that potential adverse outcomes are minimised and opportunities maximised. The techniques have broad application and may be applied in the management of many technical areas, including manufacturing, construction, processing and plant supervision.

ENG8104 ASSET MANAGEMENT IN AN ENGINEERING ENVIRONMENT (FOENS - PGRD)

Units 1.0 (EnginTech not classified) Band 2

The aim of this course is to enhance the ability of technology man agers in making better economical and financial decisions for the construction and maintenance of infrastructure assets. This course is designed to cover all aspects of Asset management applied to in frastructure. The students are guided through the historical develop ment of asset management, the role of asset management in an en gineering environment, development of strategic planning for asset management, economic management of assets including asset val uation, asset operations and maintenance, integrated asset manage ment, and computer based asset management systems.

ENG8111 PROJECT REQUIREMENTS MANAGEMENT (FOENS - PGRD)

Units 1.0 (EnginTech not classified) Band 2

The aim of the course is to introduce students to the critical nature of requirements in complex project environments and to explain the role that requirements play throughout the lifecycle. At the end of the course, students will appreciate the critical role played by require ments in major projects, understand the attributes of effective require ments, and know how requirements management occurs throughout the life of a complex project.

ENG8205 TECHNOLOGY MANAGEMENT PRACTICE (FOENS - PGRD)

Units 1.0 (EnginTech not classified) Band 2

The course briefly revises and then builds upon basic undergraduate management studies in the major areas of project estimating and planning, feasibility studies, contract law, financial management, management theory and personnel management.

ENG8206 WHOLE OF LIFE FACILITIES MANAGEMENT (FOENS - PGRD)

Units 1.0 (Construction Engineering) Band 2

The aim of this course is to equip the manager of technological and engineering facilities with the skills to manage complex engineering facilities in a manner that optimises their operations, maintenance and renewal. Building on the strategic asset management principles developed in ENG8104 - Asset Management in Engineering Environ ment, and the principles developed in the other core Master of Technology Management courses, this course is operationally orient ed and includes operations and maintenance strategy formation and evaluation, demand forecasting and management, performance of facilities, maintainability, performance modelling, maintenance and rehabilitation management, costing, and information management.

ENG8207 TECHNOLOGICAL INNOVATION AND DEVELOPMENT (FOENS - PGRD)

Units 1.0 (EnginTech not classified) Band 2

Building on the foundation course of ENG8101 Technological Impact and Its Management, this course is designed to enable students to understand the commercial research and development process, ap praise the factors which impact on innovation and its development from a managerial point of view, understand and apply the organisa tional, social and environmental factors which impact on product and process innovation, appreciate and manage the relevant risks, and understand key issues such as new product development and com mercialisation.

ENG8300 SELF-ASSESSMENT PORTFOLIO (FOENS - PGRD)

Units 1.0 (EnginTech not classified) Band 2

Students are required to take this course when they first enrol in the Master of Engineering Practice program. During this course students will prepare a portfolio consisting of a number of significant written works. The major activity in this course requires students to undertake a self-assessment of their existing attributes and capabilities against those required for the program. They will then be required to produce a Pathway to Graduation Plan in which they will plan the content of the Workplace Portfolio courses that they will use to demonstrate their existing attributes and capabilities, and the Technical courses they will undertake in the program to enable them to satisfy the re maining attribute and capability requirements. The second component of the course requires students to write Career Episode Reports that demonstrate their achievement of one or more of the attributes or capabilities. The information in a Career Episode Reports must be verified and endorsed by a professional engineer. Normally there will be a considerable amount of negotiation between the examiner and the student before the final versions of the Pathway to Graduation Plan and the other portfolio documents are submitted.

ENG8311 WORKPLACE PORTFOLIO PART 1 (FOENS - PGRD)

Units 2.0 (EnginTech not classified) Band 2

Pre-requisite: ENG8300

Students satisfy the Workplace Portfolio requirements of the Master of Engineering Practice program by satisfactorily completing two courses, this course, and the course ENG8312 Workplace Portfolio Part 2, which is offered in Semester 2. Students may undertake the courses in any order. Together, these courses are designed to enable students to use the knowledge and skills they have gained in the workplace to demonstrate (a) achievement of Engineers Australia's Stage 2 Competencies and (b) the discipline specific competencies defined in their Self-assessment Portfolio in the course ENG8300. During this course students will prepare half of the Career Episode Reports that were defined in their Self-assessment Portfolio in the course ENG8300. In each Career Episode Report students will demonstrate their achievement of one or more of the competencies, or, as they are described in EA documents, "Elements". The informa tion in each Career Episode Report must be verified and endorsed by a professional engineer when the final version is submitted. When completed, the portfolio should demonstrate that the student has achieved approximately half of the required Elements that they must demonstrate in their Workplace Portfolio.

ENG8312 WORKPLACE PORTFOLIO PART 2 (FOENS - PGRD)

Units 2.0 (EnginTech not classified) Band 2

Pre-requisite: ENG8300

Students satisfy the Workplace Portfolio requirements of the Master of Engineering Practice program by satisfactorily completing two courses, this course, and the course ENG8311 Workplace Portfolio Part 1 which is offered in semester 1. Students may undertake these courses in any order. Together, these courses are designed to enable students to use the knowledge and skills they have gained in the workplace to demonstrate (a) achievement of Engineers Australia's Stage 2 Competencies and (b) the discipline specific competencies defined in their Self-assessment Portfolio in the course ENG8300. During this course students will prepare half of the Career Episode Reports that are defined in their Workplace Portfolio Summary Sheet. In each Career Episode Report students will demonstrate their achievement of one or more of the competencies or, as they are de scribed in EA documents, "Elements". The information in each Career Episode Report must be verified and endorsed by a professional engineer when the final version is submitted.

ENG8411 RESEARCH PROJECT AND DISSERTATION PART A (FOENS - PGRD)

Units 1.0 (EnginTech not classified) Band 2

The project (comprising ENG8411 Research Project Part 1 immedi ately followed by ENG8412 Research Project Part 2) is intended to integrate and augment the student's total formal knowledge by means of its application to a real problem at the appropriate professional level. This course (being the first half of the project) will comprise firstly the selection, negotiation and approval of a project topic appro priate to the student's major study. Following this the student will (i) research the background, context and literature, (ii) develop an ap propriate methodology, (iii) demonstrate a sound appreciation of the overall task and its constraints by formal reporting, and (iv) make substantial progress in the execution of the work.

ENG8412 RESEARCH PROJECT AND DISSERTATION PART B (FOENS - PGRD)

Units 2.0 (EnginTech not classified) Band 2

Pre-requisite: ENG8411

Following satisfactory progress in ENG8411 Research Project Part 1 in the preceding semester of offer, and with the continuing guidance of supervisor/s, the student will further develop skills spanning both the technical and non-technical dimensions of engineering and spatial science at the professional level. The student will study and replicate the rationale, style and format of the academic dissertation and present the total project work (comprising ENG8411 Research Project Part 1 and ENG8412 Research Project Part 2) as a dissertation.

ENG8801 CODE-BASED STRUCTURAL DESIGN (FOENS - PGRD)

Units 1.0 (Structural Engineering) Band 2

Structural engineering design is a continually evolving process. The development of computer analysis tools has had a massive impact on what engineers do in their day to day work. Twenty or thirty years ago structural engineers needed proficiency in a wide range of manual calculation methods to analyse structures. A set of "design calculations" at the time was likely to include extensive pages of de tailed numerical workings. Some may argue that proficiency with such hand calculation methods remains useful to a design engineer but such skills are no longer essential. What is essential is a sophis ticated and informed understanding of how to model a structure in a computer so that the model conforms both with reality and with the expectations of the design codes. Using a process of learning by discovery, the student is guided through a series of discussions and investigative computer modelling exercises. These demonstrate how very minor modelling changes can lead to very different "answers". The course looks in considerable detail at approximate methods of analysis that can be used both to enhance the students understanding of a structural system and as a check of computer analysis results. The course takes the opportunity to use computer modelling to inves tigate various structural phenomena and to consolidate and extend undergraduate understanding of design principles. There is significant emphasis placed on the development of meaningful computer aided design calculations that record modelling assumptions and the primary analysis output.

ENG8803 MECHANICS AND TECHNOLOGY OF FIBRE COMPOSITES (FOENS - PGRD)

Units 1.0 (Structural Engineering) Band 2

Components and structures manufactured from fibre composites are used increasingly in variety of industries. Composite materials have many desirable properties over conventional metallic materials includ ing high corrosion resistance, high strength to weight ratio, and they can easily be optimized to suit any applied load. This course aims to provide students with knowledge of the governing principles of com posites, characterization, performances and other technical aspects of practical importance for practicing engineers and scientists.

ENG8804 ADVANCED DESIGN PRACTICE USING FINITE ELEMENT ANALYSIS (FOENS - PGRD)

Units 1.0 (Structural Engineering) Band 2

This course is concerned with the mechanics of "driving" an FEA package, using FEA output to develop a more sophisticated qualitative understanding of structural phenomena, and using quantitative FEA results as the basis for design decisions particularly where code methods are not directly applicable. A considerable emphasis is placed on using FEA to consolidate and extend the understanding of a number of phenomena likely to have been introduced in an un dergraduate course. The course includes a substantial amount of design relevant theory required to understand the analysis of plate element models.

ENG9001 RESEARCH PAPER 1 (FOENS - RSCH)

Units 1.0 (EnginTech not classified) Band 2

Pre-requisite: ENG8001

This course provides the opportunity for graduate engineering stu dents to produce a research paper relevant to their current research interests. The program of investigation will be designed by the student in consultation with the supervisors nominated for the research component of the degree. The program of investigation will require approval by the examiner of the Research Papers courses. A research paper will be produced at the conclusion of this course. If this course is taken without the student having developed substantial prior knowledge in the chosen area of investigation, the paper would nor mally be a substantial critical review of the relevant literature. How ever, if the student does have substantial prior knowledge in the chosen area, either through private study or by preparing one or more papers in this series on the same subject area, then a higher level of research paper is expected. This may involve the introduction of additional elements such as theoretical analysis, simulation, experi ment design, data acquisition, and data analysis.

ENG9002 RESEARCH PAPER 2 (FOENS - RSCH)

Units 1.0 (EnginTech not classified) Band 2

Pre-requisite: ENG8001

This course provides the opportunity for graduate engineering stu dents to produce a research paper relevant to their current research interests. The program of investigation will be designed by the student in consultation with the supervisors nominated for the research component of the degree. The program of investigation will require approval by the examiner of the Research Papers courses. A research paper will be produced at the conclusion of this course. If this course is taken without the student having developed substantial prior knowledge in the chosen area of investigation, the paper would nor mally be a substantial critical review of the relevant literature. How ever, if the student does have substantial prior knowledge in the chosen area, either through private study or by preparing one or more papers in this series on the same subject area, then a higher level of research paper is expected. This may involve the introduction of additional elements such as theoretical analysis, simulation, experi

ENG9011 INDEPENDENT RESEARCH IN ENGINEERING AND SURVEYING 1 (FOENS - RSCH)

Units 1.0 (EnginTech not classified) Band 2

Full time research in engineering or surveying under the supervision of selected staff members.

ENG9012 INDEPENDENT RESEARCH IN ENGINEERING AND SURVEYING 2 (FOENS - RSCH)

Units 1.0 (EnginTech not classified) Band 2

Full time research in engineering or surveying under the supervision of selected staff members.

ENG9021 INDEPENDENT RESEARCH IN ENGINEERING AND SURVEYING 1 (FOENS - RSCH)

Units 2.0 (EnginTech not classified) Band 2

Part time research in engineering under the supervision of selected staff members.

ENG9022 INDEPENDENT RESEARCH IN ENGINEERING AND SURVEYING 2 (FOENS - RSCH)

Units 2.0 (EnginTech not classified) Band 2

Part time research in engineering under the supervision of selected staff members.

ENG9023 INDEPENDENT RESEARCH IN ENGINEERING AND SURVEYING 3 (FOENS - RSCH)

Units 2.0 (EnginTech not classified) Band 2

Part time research in engineering under the supervision of selected staff members.

ENG9041 INDEPENDENT RESEARCH IN ENGINEERING AND SURVEYING 1 (FOENS - RSCH)

Units 4.0 (EnginTech not classified) Band 2

Full time research in engineering under the supervision of selected staff members.

ENG9042 INDEPENDENT RESEARCH IN ENGINEERING AND SURVEYING 2 (FOENS - RSCH)

Units 4.0 (EnginTech not classified) Band 2

Full time research in engineering under the supervision of selected staff members.

ENG9043 INDEPENDENT RESEARCH IN ENGINEERING AND SURVEYING 3 (FOENS - RSCH)

Units 4.0 (EnginTech not classified) Band 2

Full time research in engineering under the supervision of selected staff members.

ENL1000 INTRODUCTION TO LITERATURE (FOART - UGRD)

Units 1.0 (Literature) Band 1

Introduction to Literature is designed as a foundation course in literary and cultural studies. It introduces students to basic skills of reading, interpretation, research and essay writing. Through a study of literary genres (poetry, short fiction and the novella) and new narrative forms (film and computer games), the course develops self-directed learning skills and a familiarity with the tools of critical analysis.

ENL1001 AUSTRALIAN STORIES (FOART - UGRD)

Units 1.0 (Literature) Band 1

This course serves as an introduction to Australian stories and the role they play in the formation of cultural identities. It examines the heterogeneity of Australian culture through its stories and will direct particular attention to the way in which narrative reimagines social, cultural and political values.

ENL2002 ROMANTICISM (FOART - UGRD)

Units 1.0 (Literature) Band 1

Pre-requisite: ENL1000 or ENL1001

The final decades of the eighteenth century and the early decades of the nineteenth century were a time not only of radical changes in politics, literature, art, ideas and everyday life, but also a conservative reaction to those changes. This course examines British literature of the period in its social contexts, focusing on the relationships between literary form and ideology in the novel, and the paradoxical claims for romantic poetry as a product of individual genius that would legis late for society in a time of change.

ENL2003 THE ART OF STORYTELLING (FOART - UGRD)

Units 1.0 (Literature) Band 1

Pre-requisite: ENL1000 or ENL1001

Storytelling is considered to be a universal cultural practice. The study of narrative forms and structures thus contributes to a general understanding of how people make sense of themselves and their world. This course enables students to expand on concepts and skills from introductory English courses, providing more detailed strategies for analysing narratives in a variety of different textual forms, including novels, films and new media. Analyses of texts will be organised around key concepts of Narrative Time and Narrative Distance, en abling students to identify structural commonalities across the different types of narrative texts and to pinpoint specific characteristics of each form. Consideration will also be given in each case to historical and cultural contexts, to highlight the relationship between text and con text, but also to demonstrate the more general validity of narrative analysis

ENL3000 MODERN LITERATURE (FOART - UGRD)

Units 1.0 (Literature) Band 1

Pre-requisite: 3 courses of Literature

This course will introduce students to English and European literatures of the early twentieth century. It will examine prose and poetry of the Modernist period as a means of framing reading strategies and critical debates. The course also considers the set texts within their socio-historical context.

ENL3004 THE LITERARY CANON: HOW TO READ GREAT BOOKS (FOART - UGRD)

Units 1.0 (Literature) Band 1

Pre-requisite: 3 courses of Literature

This course provides students with a range of strategies for reading 'great books'. A number of celebrated English literary texts will be examined in terms of their sophistication and value, framed within the context of historical debates about the cultural importance of Classic Literature and the social and political functions of an English literary canon.

ENL3005 THE AUSTRALIAN NOVEL 1975-2010 (FOART - UGRD)

Units 1.0 (Literature) Band 1

This course surveys selected novels by celebrated Australian writers published between 1975-2010. Through detailed exploration of the works the course will examine the changing forms and functions of the literary estate. It will direct particular attention to the way in which these books intervene in contemporary debates about the sources, influences, character and tensions in the Australian social contract.

ENL4000 CRITICAL THEORY: PURE AND APPLIED (FOART - UGRD)

Units 1.0 (Literature) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BAHN or MSTA

This course surveys the history of literary theory and criticism, with a focus on the development of prominent movements in the twentieth century based on historical perspectives. The survey spans from the classical period to issues in contemporary critical theory, tracing the influence of classical and neoclassical thinkers in recent critical per spectives, including Feminism, Marxism, Structuralism, Formalism, and Psychoanalytic Criticism.

ENL4001 CULTURAL THEORY AND POPULAR CULTURE (FOART - UGRD)

Units 1.0 (Literature) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BAHN or BTAH or BVAH or BCAH or MSTA

The objective of this course is to study the history of theories of culture from the mid-nineteenth century to the present day. Issues studied include the relation between culture and society, with a particular emphasis on Australian Cultural Studies, art and commodity produc tion, and the emergence of popular culture in industrial and post-in dustrial societies. The course caters to the interests of literature, creative arts, and students across a range of cognate disciplines. It has both a theoretical component and a strong applied component, illustrating the relevance of cultural theory to the analysis of literature, visual arts, popular music, fashion, film, television and other popular texts.

ENL4012 TRANSFORMING CLASSICS (FOART - UGRD)

Units 1.0 (Literature) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BAHN or MSTA

The aim of this course is to study the reasons for the survival of classic texts and their transformation from literature to cinema. It compares and contrasts texts from different periods, and the changes over time of their meanings and media. It compares and contrasts films with novels and play texts.

ENS7507 ENGLISH - LEVEL 7 (5 WEEK) (OAC - NONA)

Units 1.0 (English Language) Band 1

The course has been organised around the communicative and en abling skills that students need to develop to cope with the language and task types encountered in Pearson PTE (Academic). The course will develop knowledge of test structure and components through analysis of task types found in each component of the test. It will also provide the opportunity to develop and practise a variety of strategies to improve time management and test taking performance.

ENS7607 ENGLISH - LEVEL 7 (10 WEEK) (OAC - NONA)

Units 2.0 (English Language) Band 1

The course has been organised around the communicative and en abling skills that students need to develop to cope with the language and task types encountered in Pearson PTE (Academic). The course will develop knowledge of test structure and components through analysis of task types found in each component of the test. It will also provide the opportunity to develop and practise a variety of strategies to improve time management and test taking performance.

ENV2103 HYDRAULICS I (FOENS - UGRD)

Units 1.0 (Civil Engineering n.e.c.) Band 2

Pre-requisite: CIV1501

In common with many other areas of engineering, the body of knowledge within the traditional fluid mechanics areas has expanded widely to a point where the different disciplines of engineering need different specialised knowledge. This is reflected in the acceptance of "hydraulics" or "hydraulic engineering" as a specialist field of study of prime interest to civil, mining, environmental and agricultural engi neers. Since water can largely be regarded as incompressible, some of the traditional concepts of fluid mechanics need to be treated only briefly to permit a greater grounding in the types of problems encoun tered by hydraulic engineers. The course seeks to provide grounding in fluid statics, steady uniform and non-uniform incompressible flow in pipelines and channels, pumped systems, culvert hydraulics and flow measurement.

ENV2201 LAND STUDIES (FOENS - UGRD)

Units 1.0 (Environmental Studies not else) Band 2

Professionals in arts, science, education, engineering and surveying are increasingly required to have a knowledge of physical land re sources and natural resources management. This course provides an introduction to the physical land resources of geology, soils, landform, climate, vegetation and fauna, the principles of resource management and ecosystem operation and the major causes of land degradation. It also includes an introduction to the methods involved in undertaking land resource surveys and land evaluations, and in cludes the processes and legislative requirements associated with environmental impact assessments.

ENV2902 HYDRAULICS PRACTICE (FOENS - UGRD)

Units 0.0 (Water and Sanitary Engineering) Band 2

Pre-requisite: ENV2103 or ENV1101

This course covers a range of experimental activities in the area of Hydraulics. Students will conduct testing and experimental work in a team environment in the Laboratory and/or remotely via internet access. Students will then analyse and present the subsequent results on an individual basis. Laboratory sessions provide for a better un

ENV3104 HYDRAULICS II (FOENS - UGRD)

Units 1.0 (Civil Engineering n.e.c.) Band 2

Pre-requisite: ENV1101 or ENV2103 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GDNS or MENS

The emphasis of this course is the application of hydraulic theory to the solution of problems commonly encountered in engineering hy draulics and to the design of hydraulic systems and structures. The basic concepts of the conservation of mass, momentum and energy (introduced in Hydraulics I) are reviewed, extended and applied to a variety of hydraulic systems. New material on unsteady pipeline and open channel flows, loose boundary hydraulics and coastal hydraulics is presented and applied. Students are practised in the design and analysis of open channel, pipeline and pumping systems and a wide range of hydraulic structures.

ENV3105 HYDROLOGY (FOENS - UGRD)

Units 1.0 (Hydrology) Band 6

Pre-requisite: ENG2102 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or PGCN or GDNS or MENS

This course provides the basic skills to carry out the hydrologic analyses and designs that are often encountered in engineering practice. Knowledge of engineering hydrology is required for the de sign of stormwater drainage systems, for the management of flooding and is also needed to determine how much water can be reliably obtained from water supply catchments and groundwater systems. The course provides a background to hydrological techniques used by professional engineers, including those codified in 'Australian Rainfall and Runoff-A Guide to Flood Estimation'.

ENV3904 ENVIRONMENTAL ENGINEERING PRACTICE (FOENS - UGRD)

Units 0.0 (Environmental Engineering) Band 2

Pre-requisite: ENV4203 or Students must be enrolled in one of the following Programs: GDNS or MENS

Students will gain an understanding of the engineering practice of environmental sanitation and evaluate some tests to ascertain the quality of water using bio-chemical and engineering principles. Stu dents will engage in a range of activities related to environmental engineering practice through laboratory experiments, field excursion, and lecture/tutorial.

ENV4106 IRRIGATION SCIENCE (FOENS - UGRD)

Units 1.0 (EnginTech not classified) Band 2

Pre-requisite: AGR3304 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GDNS or MENS

The control of the application of water to land (irrigation) and the re moval of surplus water from land (drainage) is critical to much of Australia's agriculture. This course will provide the skills necessary for the design and management of effective, efficient and sustainable on farm irrigation systems. Irrigation application methods (current and proposed) are studied with an emphasis on the evaluation and optimisation of performance. Efficient irrigation also requires an ap preciation of the physical processes of the entry, storage and redis tribution of water in soils; the uptake of water by plants (including limitations caused by soil salinization); evaporation of water directly into the atmosphere; and evaporation through plants as transpiration (evapotranspiration). The course will also show students that the long term viability of irrigation is dependent upon the provision of adequate surface and subsurface drainage.

ENV4107 WATER RESOURCES ENGINEERING (FOENS - UGRD)

Units 1.0 (Hydrology) Band 6

Pre-requisite: (ENV3104 and ENV3105) or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GCEN or GDNS or MENS

This course is designed as the upper level course for students electing to major in water engineering. Engineers involved in surface water participate in a broad range of activities. These activities include the assessment, design, operation and management of infrastructure associated with flooding and catchment runoff as well as water stor ages. To effectively engage in these activities, engineers need to understand Australian surface water issues and the various frame works that influence and govern water management. The course also introduces students to a selection of industry-standard simulation models available to practicing engineers. Material presented in the earlier courses under the segregated headings of hydraulics and hydrology is integrated in ENV4107. The course assignments make use of typical water management problems to enhance learning outcomes.

ENV4203 PUBLIC HEALTH ENGINEERING (FOENS - UGRD)

Units 1.0 (Water and Sanitary Engineering) Band 2

Pre-requisite: ENV1101 or ENV2103 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GDNS or MENS

An efficient water supply and distribution system, a reliable supply of potable water, an appropriate system of wastewater collection, treatment and disposal, and an effective municipal solid waste man agement are essential for the health and well being of modern urban communities. The design, installation, operation and maintenance of these facilities are traditionally the responsibilities of local govern ment engineers or consulting engineers employed by local govern ment. This course therefore includes the modules on water supply and distribution system, conventional and advanced water treatment processes, wastewater treatment, sludge and solid waste treatment. In order to understand the principles and processes of water and wastewater treatment, there is a need to appreciate the vectors of waterborne diseases, microbiology, as well as topics in water chem istry. Environmental matters (notably solid refuse management) and legislation likely to be included in the responsibilities of a local gov ernment engineer are also included in this course.

ENV4204 ENVIRONMENTAL TECHNOLOGY (FOENS - UGRD)

Units 1.0 (Environmental Engineering) Band 2

Pre-requisite: MAT1100 or MAT1500 or Students must be enrolled in one of the following programs: GCEN or GDET or METC or MENS or GCNS or GDNS or MSST

This course is designed to introduce the student to the interactive complexity of environmental problem solving. It will : (i) acquaint students with a wide range of pollution and waste management issues (including air, water and noise pollution; solid waste disposal; biore mediation; and the setting of emission and quality standards); (ii) provide students with the knowledge to assess and develop solutions for these issues; (iii) provide an awareness of modern environmental protection legislation and ethical considerations that form the back ground to engineering activity.

ENV5205 SOLID AND LIQUID WASTE TREATMENT (FOENS - PGRD)

Units 1.0 (Environmental Engineering) Band 2

Pre-requisite: ENV4203 or ENV4204 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GDNS or MENS

This course revises and builds upon basic principles of solid and liquid waste treatment introduced in undergraduate civil engineering studies. The course aims to develop a reasonable postgraduate level of ex pertise, principally in the areas of solid waste treatment methodology, and the design of wastewater treatment facilities.

FIN1101 INTRODUCTION TO CORPORATE FINANCE (FOBUS - UGRD)

Units 1.0 (Banking and Finance) Band 3A

This course provides an introduction to the basic concepts of corpo rate finance. The objective of the financial manager is to maximise the market value of the firm's shares. In this course, the concepts and tools that are needed to make decisions that increase the market value of the firm's shares are examined. The concepts and tools that are covered include the valuation of future cash flows, the valuation of shares and bonds, capital budgeting, risk and return, capital structure, dividend policy and risk management. Whilst the main focus of the course is the Australian business environment, the tools are quite general and apply with only minor changes to most business environments.

FIN1103 FINANCIAL MARKETS (FOBUS - UGRD)

Units 1.0 (Banking and Finance) Band 3A

This course examines the structure, operation and performance of the Australian financial system using principles of financial and monetary economics. Students are introduced to a selection of finan cial markets, products and institutions the operations of which largely determine key financial variables that affect decisions to save and invest in the real economy.

FIN2105 PORTFOLIO MANAGEMENT (FOBUS - UGRD)

Units 1.0 (Investment and Securities) Band 3A

Pre-requisite: FIN1101 and FIN1103 and STA2300

The current trend in the funds management industry is away from security analysis (stock picking) and towards asset allocation (man aging the balance of equities, bonds, cash etc). The former, which may be called investment management, has been surpassed in im portance by the latter, which may be called portfolio management. Portfolio management is important to both individuals who manage their own personal assets and managers who manage the assets of others. This course aims to cover the important aspects of portfolio management. Coverage includes: the construction of the portfolio and importance of investment objectives and policies; the manage ment of the portfolio including the selection of assets, the utilisation of modern portfolio methods and the revision of the portfolio; and the protection of the portfolio through the use of derivatives. Emphasis is placed on the analytical aspects of portfolio management and the decision making process to enable students to apply the established theories and models in the financial world.

FIN2106 PERSONAL FINANCIAL PLANNING (FOBUS - UGRD)

Units 1.0 (Banking and Finance) Band 3A

Pre-requisite: FIN1101 and FIN1103

In this course, students will be exposed to the personal financial planning environment and process. The environment covers the regulatory framework within which financial planners operate as well as their responsibilities. The process covers the various components of personal financial planning (for example, taxation, investments, credit, superannuation and retirement, insurance, social security and estate planning). These concepts are integrated through the study of financial plan construction and the actual preparation of a financial plan. Taxation Law, Managed Investments, Superannuation and Retirement Planning and Insurance Markets and Products are offered in specific courses if students wish to pursue those issues in more detail. Formerly FIN1106.

FIN2108 CREDIT ANALYSIS AND LENDING MANAGEMENT (FOBUS - UGRD)

Units 1.0 (Banking and Finance) Band 3A

Pre-requisite: FIN1101 and FIN1103

Business firms extend credit, banks extend loans. The focus of this course is credit analysis and lending. It provides an overview of lending principles, covers analytical aspects such as the financial analysis of a firm to determine credit worthiness, provides an overview of policy and legal issues, and looks at special types of credits like consumer loans, real estate loans, corporate loans and international loans. It also covers related topics such as securitisation, problem loans and marketing of loans.

FIN2302 FINANCIAL ECONOMICS AND METHODS (FOBUS - UGRD)

Units 1.0 (Banking and Finance) Band 3A

Pre-requisite: ECO1000 and FIN1101 and FIN1103 and STA2300

Financial Economics and Methods is a course in economic theory and relevant applications for finance students. It draws upon well-established microeconomic theory, which helps to provide an under standing of the interactions between agents and markets within the global financial system. The course also develops macroeconomic theory that directly relates to the monetary and banking system. A solid foundational understanding of financial economics is critical for students to develop core competency in finance. The methods com ponent of the course will cover quantitative applications commonly encountered in finance, particularly computations using Excel. This component will be a hands-on, application approach involving the use of real-world financial data. Students will be provided the back ground to conduct analysis of data and encouraged to interpret the results obtained.

FIN3101 FINANCE THEORY AND APPLICATIONS (FOBUS - UGRD)

Units 1.0 (Banking and Finance) Band 3A

Pre-requisite: FIN1101 and STA2300 and FIN2302

This course extends the material presented in FIN1101 and FIN2302. It also introduces further more advanced theory and applications thereof. Firstly, some fundamental issues in finance such as the consumption/investment trade-off and the interaction of that decision with capital markets (under conditions of certainty) are introduced. The arithmetic of mean-variance portfolio theory is then presented. This allows portfolio theory to be developed, which then leads into the presentation of the related capital asset pricing model together with two important applications. The important 'existence' issue of an optimal capital structure is then examined by way of the proposi tions resulting from Modigliani and Miller's analysis together with some alternative theories of capital structure. Empirical evidence on capital structure is examined and the various theories of capital structure assessed from a practical point of view. Various methods of evaluating the levered firm are then developed with particular emphasis given to the incidence of taxes in a dividend imputation tax system. Finally, the interesting and important area of mergers, acqui sitions and governance is explored. Formerly FIN2101.

FIN3103 BUSINESS DATA FORENSICS (FOBUS - UGRD)

Units 1.0 (Banking and Finance) Band 3A

Pre-requisite: STA2300

The course aims primarily to introduce students to a variety of data mining, statistical and forecasting tools and techniques and the situ ations in which they are applicable. The course concentrates predom inantly on identifying the appropriate tools and techniques applicable to a variety of business problems and making judgments as to the type of analysis that should be used and drawing conclusions about the accuracy of that analysis. We also discuss the identification of a business problem, the collection and preparation of data and, using SAS software, provide examples of predictive and descriptive models that provide statistical or other means of analysis. Formerly FIN2103.

FIN3106 INTERNATIONAL FINANCE (FOBUS - UGRD)

Units 1.0 (Banking and Finance) Band 3A

Pre-requisite: FIN2105

This course has been written with the intention of providing a system atic analysis of a representative range of analytical issues in interna tional finance and investment against the background of global finan cial markets. The course initially examines the international monetary system and analyses exchange rates, their determinants and their relationship to significant economic factors. The remainder of the course adopts the investment, financing and dividend decisions of firms and applies them to an international setting.

FIN3109 MANAGING FINANCIAL INSTITUTIONS (FOBUS - UGRD)

Units 1.0 (Banking and Finance) Band 3A

Pre-requisite: FIN2108

This course provides a broad appraisal of authorized deposit taking institutions (ADIs), and the associated decision making processes of the financial services sector in Australia. A range of topics is ad dressed including: the Australian financial environment; understanding financial statements; evaluating returns, risks and performance; the yield curve and gap management; the management of liabilities, liq uidity, the securities portfolio and capital; managing loan portfolios and hedging and pricing with various interest rate derivatives. For merly FIN2109.

FIN5000 FINANCIAL MANAGEMENT (FOBUS - PGRD)

Units 1.0 (Banking and Finance) Band 3A

Co-requisite: ACC5202 or ECO5000

This course will introduce students to the concepts and tools of finan cial management. The focus of the course is decision making in a fi nancial context. It therefore examines the techniques that are used in businesses to make decisions that are consistent with the efforts to increase the wealth of the owners of the business in a corporate environment. The topics covered include but not limited to the valua tion of future cash flows, the valuation of stocks and bonds, capital budgeting, risk and return and long term financing. The course con sists of core modules and program specific modules for each post graduate program if applicable.

FIN5003 DECISION SUPPORT TOOLS (FOBUS - PGRD)

Units 1.0 (Banking and Finance) Band 3A

The course aims to enhance the ability of managers to make deci sions by formulating real world problems, often featuring ambiguity, in a manner which allows the application of quantitative management tools. The generalised approach of problem formulation, modelling, solution, interpretation and implementation will be addressed. The course will deal with the issues of data reduction, inference testing, forecasting, decision analysis, scheduling, location and layout deci sions, Just-In-Time, project management and quality management. Formerly MGT5001.

FIN5414 PERSONAL INVESTMENTS (FOBUS - PGRD)

Units 1.0 (Investment and Securities) Band 3A

This course introduces students to the range of investment alterna tives with some focus on the managed funds industry in Australia. The other investment alternatives (equity, fixed interest and derivative securities) are also discussed but they are covered in more detail in another course, FIN2105 Portfolio Management. This course outlines the rationale for personal investments, provides an overview of the investments industry and introduces students to the range of personal investments funds. In addition, the course provides an introduction to investment concepts and macroeconomic analysis, and provides students with a framework for evaluating portfolios in terms of their diversification, management and performance.

FIN5415 SUPERANNUATION AND RETIREMENT PLANNING (FOBUS - PGRD)

Units 1.0 (Investment and Securities) Band 3A

Superannuation legislation has played a major role in the development of the Personal Financial Planning practice. This course provides a comprehensive review of the superannuation and retirement planning industry in Australia, including the Social Security system as it relates to pre-retirees and retirees. This course is aimed at helping students devise strategies for use in both the accumulation phase and the re tirement phase with the objective of maximising benefits.

FIN5416 INSURANCE AND RISK MANAGEMENT (FOBUS - PGRD)

Units 1.0 (Insurance and Actuarial Studie) Band 3A

This course has been written from a financial planning perspective but can be taken by those with a general interest in risk management or by those specifically interested in the insurance aspects of financial planning. It does not contain any actuarial studies content. The gen eral nature of risk and its management is explored, of which insurance is but one aspect. The economic output of insurance entities is dis cussed with reference to the life and general insurance industries, whose market structure is important from a pricing, conduct and performance perspective. The public face of insurance is its products, and most life, general, health and mandated policies are investigated with particular emphasis on legal and taxation aspects, as applicable to consumers and small business. The role and professional advice methodology of the insurance advisor is explored. Finally, regulation and compliance within the financial services sector in general and the insurance industry in particular is examined in some detail.

FIN8104 INTERNATIONAL FINANCIAL MANAGEMENT (FOBUS - PGRD)

Units 1.0 (Banking and Finance) Band 3A

Pre-requisite: FIN8202

This course covers the financial management, and more specifically, the financial management dimensions of leading a multinational en terprise. It includes international monetary system, exchange rate dynamics and forecasting, discussion of exchange rate risk and ex posure management and finally, sources of international finance.

FIN8107 FINANCIAL RISK MANAGEMENT (FOBUS - PGRD)

Units 1.0 (Investment and Securities) Band 3A

This course commences by examining the nature and scope of finan cial risk management as it applies to participants in financial markets. Given no arbitrage opportunities or risk neutral pricing as appropriate, the simplest forms of derivatives (forwards and futures) are then in troduced in terms of the mechanics and strategies of these markets together with the theoretical pricing of forward/futures contracts. Given that a swap is nothing more than a convenient way of bundling forward contracts, an introductory exploration of the issues relating to interest rate and currency swaps is then undertaken although the detailed pricing of these instruments is left for a more advanced course. The varied world of options is then explored with particular emphasis on the mechanics of options markets and the properties and strategies of option contracts/positions. Both the binomial and Black-Scholes option pricing models are treated in detail together with variations in the application of these models to assets other than equities (stocks). The Greek Letters and Value at Risk are of consid erable importance to derivative market makers and/or financial insti tutions and these concepts are then treated at the introductory level. The course concludes with a general review of contemporary issues with specific reference to any part played by derivatives in those events.

FIN8201 FINANCE FOR EXECUTIVES (FOBUS - PGRD)

Units 1.0 (Banking and Finance) Band 3A

This course will introduce students to financial markets, the tools and concepts of basic finance, comprehension of basic financial state ments, time value of money, valuation of shares and bonds, risk and return considerations, capital budgeting and the cost of capital. It forms the first of three courses in the Finance stream and as such, should be seen as introducing many of the key concepts and founda tions upon which the other two courses are built. Given the far reaching consequences of the Global Financial crisis of 2007-2009 it is clear that any discussion or examination of finance must incorpo rate a global perspective. To this extent, the content of the course involves a brief examination of international financial markets and institutions as well as a more detailed examination of the operations of the derivatives market. Similarly, many of the finance concepts studies in this course have a global as well as domestic application. In addition, this course will adopt a decision making focus in the context of finance with the tools and techniques taught in this course enabling businesses to maximise the wealth of owners.

FIN8202 FINANCIAL MARKETS AND INSTRUMENTS (FOBUS - PGRD)

Units 1.0 (Banking and Finance) Band 3A

Pre-requisite: FIN8201

This course examines the structure, operation and performance of the global financial system, using principles of financial and monetary economics. Students are introduced to a selection of financial mar kets, institutions and instruments, the operations of which largely determine key financial variables that affect decisions to save and invest in the real economy. The main components of the Australian financial system and how they relate to major markets in the world are explained. In addition, a number of uniquely international financial institutions are examined, and a number of contemporary topics such as the recent global financial crisis are discussed.

GIS1401 GEOGRAPHIC DATA PRESENTATION (FOENS - UGRD)

Units 1.0 (Mapping Science) Band 2

The professional presentation of survey plans and -geographic infor mation on a map is an important facet of preparing data for client use. Preparation and interpretation of survey plans and maps requires knowledge, skill and experience in cartography and computer aided drafting (CAD). Students will also need the skills to combine non-geographic information, with other mapping information in a thematic presentations. This course is designed to provide the above skills to students.

GIS1402 GEOGRAPHIC INFORMATION SYSTEMS (FOENS - UGRD)

Units 1.0 (Geomatic Engineering not elsew) Band 2

The course will cover the basic concepts and principles of geographic information systems (GIS). Topics to be covered include introduction to GIS, GIS data (nature, input, editing, output & management), co ordinate system & projection, and GIS tools for vector & raster pro cessing, as well as proximity, network and surface analyses.

GIS3404 GEOGRAPHIC DATA VISUALISATION (FOENS - UGRD)

Units 1.0 (Mapping Science) Band 2

The course is designed to introduce students to computer assisted geographic data (or cartographic) visualization methods and process es. Key topics include: introduction to geographic data visualization; terrain and 3-D visualization and analysis; temporal and non-temporal cartographic animation; multi-media cartography; and application and case studies.

GIS3405 SPATIAL ANALYSIS AND MODELLING (FOENS - UGRD)

Units 1.0 (Geomatic Engineering not elsew) Band 2

Students will be introduced to the concepts, techniques, and applica tions of spatial analysis and modelling. Topics include: spatial statistics; overlay analysis; map algebra and cartographic modelling; spatial interpolation; surface analysis and terrain modelling; proximity analysis; network analysis; fuzzy sets; and spatial analysis issues and trends. Emphasis will be placed on how spatial analysis and modelling is used in practical applications, and a functional component of a modern spatial information system.

GIS3406 REMOTE SENSING AND IMAGE PROCESSING (FOENS - UGRD)

Units 1.0 (Mapping Science) Band 2

This course is designed to provide students with the basic and inter mediate knowledge and skills in the digital processing of remotely sensed images. Topics include: basic principles of remote sensing; image processing systems; pre-processing of remotely-sensed data; image enhancement techniques; image transformation and filtering techniques; unsupervised classification; supervised classification; post classification and accuracy assessment including field investiga tions; integration with GIS; and applications and case studies. Various imagery products will be studied, such as panchromatic, multispectral and hyperspectral data. Image processing software will be used to demonstrate and reinforce the concepts and principles involved.

GIS4407 WEB BASED GEOGRAPHIC INFORMATION SYSTEM (FOENS - UGRD)

Units 1.0 (Mapping Science) Band 2

Pre-requisite: GIS1402 or Students must be enrolled in one of the following Programs: GCGS or GDST or MSST or GCNS or GCST or GDNS or MENS

The course covers the fundamental concepts and principles of Web based GIS. It deals with the theories and principles behind Web based GIS development including Web mapping services, distributed (cloud) systems and client/server computing, Web interface design, networking fundamentals, geographic mark-up language, service and security in Web based GIS, Web mapping software and Web based GIS applications including voluntary geographic information

HIS1000 WORLD CIVILISATIONS TO 1500 CE (FOART - UGRD)

Units 1.0 (History) Band 1

This course examines the rise and fall of civilisations from the Neolith ic period to the start of the European Renaissance, focussing on cultural change, political and religious beliefs, and, in particular, social structures. The course introduces the basic principles of historical methodology and is compatible with the course ANT1000: World Ar chaeology which employs an anthropological approach. The course is particularly suited to Arts and Education students, and is ideal as a general elective for all those seeking an introduction to world history

HIS1001 INTRODUCTION TO AUSTRALIAN HISTORY (FOART - UGRD)

Units 1.0 (History) Band 1

This course is designed to introduce students to the historical study of Australia. It begins with Aboriginal Australia and ends with 1942. It will introduce students to central social, economic and political themes by examining the different ways in which historians have in terpreted them. It is intended to enhance students' content knowledge of Australia as well as to develop skills in research methods, historical interpretation and written presentation.

HIS1003 WORLD HISTORY SINCE 1500CE (FOART - UGRD)

Units 1.0 (History) Band 1

This course, following World Civilizations to 1500CE, focuses on key developments in world history from 1492 to 1914, especially the rise of European empires and their interaction with Asian, American and African regions of the world from the Age of Discovery to the First World War. Specific events are discussed for their global significance with an emphasis on cultural exchange, political change, unfree labour, women and industrialisation. The approach in this course al lows students to engage with world-systems theory, international re lations, and globalization. The course can be taken as a stand-alone course. It is also particularly suited to Education students and is ideal as a general elective.

HIS2000 CONTEMPORARY AUSTRALIA (FOART - UGRD)

Units 1.0 (History) Band 1

Pre-requisite: One unit of History or INR1000 or INR1001

This course will explore the social, economic, political and cultural history of Australia from World War II to the present. Its themes will be the persistence of racial beliefs and their impact on Australia's response to world affairs, Australia's new relations with Britain and the United States, consumerism and its effect on social order, the challenge of the social movements of the 1960s, 70s and 80s, the impact of globalisation and the Culture Wars of the Howard Govern ment. There will be further development of critical and interpretative skills through the analysis of primary sources. NOTE: Students who have already passed old unit 95501 will not be permitted to enrol in this course.

HIS2001 RACE RELATIONS IN AUSTRALIAN HISTORY (FOART - UGRD)

Units 1.0 (History) Band 1

Pre-requisite: Any two units of History or Indigenous Studies and one of which must have Australian content.

Racism has been a crucial factor in Australian society since the arrival of the first Europeans. This course will examine the historical devel opment of racial ideas and structures in the nineteenth and twentieth centuries. As well as surveying Indigenous European relations, it explores the impact of racism on Chinese, Melanesian, Irish, German, Italian and postwar migrant groups.

HIS2005 EUROPE: HISTORY OF AN IDEA (FOART - UGRD)

Units 1.0 (History) Band 1

Pre-requisite: Any First Year History Course

This course engages in questions about the idea of Europe and Eu ropeans. It introduces students to modern European history by exam ining some of the forces and trends that influenced the development of Europe between the Black Death (1348) to the turn of the unifica tion of Italy and of Germany in the nineteenth century. By focussing on significant turning-points and some of the colourful players in this historic age, students examine features of political, social and cultural change. In particular, the course allows students to engage with critical issues to do with Europe's hegemonic transformations and responses to the ideas emerging over the period with emphasis on primary source material. Content and assessment items in this course lead to an appreciation not only of the relevance of the rise of nation states, but also the nascent concerns and potential power of those termed 'the masses'

HIS3002 THE TWENTIETH CENTURY (FOART - UGRD)

Units 1.0 (History) Band 1

Pre-requisite: Any Two Courses of History or International Relations

This course traces the key events, themes and ideologies that shaped the world in the twentieth century. It focuses on social and political histories, and considers the manner in which international and local events have impacted people's everyday life. Course themes include ideas of popular resistance, terrorism and warfare, democracy, and decolonisation. Attention will also be given to structures of gender, poverty and race in order to understand the broad social, political and cultural movements that shaped the contemporary world

HIS3004 APPROACHES TO HISTORY (FOART - UGRD)

Units 1.0 (History) Band 1

Pre-requisite: Any first year History course plus one other in History or International Relations.

This course provides an introduction to the development of historical writing and current debates in the philosophy and methodology of the discipline of History. The course is divided into two parts. The first part surveys the evolution of the discipline of History from the ancient world to the present. The second part focuses on the methodological issues of objectivity/subjectivity, positivism/relativism, and postmodernism. Each section emphasises the interrelationship between the transmission and control of ideas, and the structure of society. An important theme in each part is the nature of ideology and hegemony.

HIS4001 WAR AND SOCIETY (FOART - UGRD)

Units 1.0 (History) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BAHN or MSTA

The experience of war is one which generates conflict between the societies or states engaged in warfare. It also generates conflict and responses within those societies engaged in conflict. This seminar will discuss ways in which the state, interstate groups and domestic social groups have responded to the impact of war, with a primary focus on the experience of Australia at war. It will consider the themes of nationalism, interstate relations, social class, gender, race, anti war protest, religion and ethnicity.

HIS4002 THEMES IN TRANSNATIONAL HISTORY (FOART - UGRD)

Units 1.0 (History) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BAHN or MSTA

Drawing upon a framework provided by twentieth century history, the course employs a thematic approach. The course investigates the construction of individual and community consciousness in both transnational and historical contexts. To do this, it investigates the formation and expression of identities, memories and community in multiple locales. The course integrates this approach with case studies of some of the central ideas and concepts that shaped the twentieth century world.

HIS4004 EUROPEAN WOMEN'S HISTORY (FOART - UGRD)

Units 1.0 (History) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BAHN or MSTA

This course is designed to provide opportunities for historical thinking and practice at an advanced level, with particular reference to select ed aspects of European women's history. The course focuses on the experience of women throughout European history up to the turn of the twentieth century in order to examine, analyse and discuss Euro pean history from a female perspective and gender issues more broadly. There is an emphasis on the dynamics of change in the Renaissance, Reformation and Enlightenment eras, and on works written by women. Students engage with theoretical approaches, primary sources and scholarly interpretations.

HMT1000 HISTORY OF WESTERN IDEAS (FOART - UGRD)

Units 1.0 (Studies in Human Society n.e.c) Band 1

This course provides a survey of some of the most significant currents of ideas in Western culture. Although the course circles back con stantly to certain recurring key ideas (the nature of reality, individual and society, culture and technology, gender, religion and belief), it follows a roughly historical structure, beginning with the origins of philosophical thinking amongst the ancient Greeks and in the early Christian world, discusses the origins of the modern world in the European Renaissance and Enlightenment, and finishes with some of the great issues of our own times, such as social revolution, the theory of evolution, structuralism, and environmentalism

HMT2000 ETHICAL ISSUES AND HUMAN RIGHTS (FOART - UGRD)

Units 1.0 (Studies in Human Society n.e.c) Band 1

This course introduces students to the main legal, ethical, and social justice responsibilities that are integral to professional and research contexts. While considering a range of approaches to moral philoso phy, students will focus on a rights based approach, together with an awareness of contemporary social justice issues. Examples and applications will be taken from a range of professions (e.g. human services, journalism) and codes of research ethics (e.g. human sub jects, animal ethics).

HMT3001 INDEPENDENT STUDY PROJECT A (FOART - UGRD)

Units 1.0 (Studies in Human Society n.e.c) Band 1

Pre-requisite: Students must have completed 16 units, of which 5 must be in the area of the proposed study project. Student enrolment is subject to the agreement of an appropriate supervisor.

This course enables students to enhance and diversify an area of specialist studies or acquire professional experience, through inde pendent learning and/or work placement. The course builds on theory and practice taught previously in students' chosen major. The course is flexible in terms of the variety of ways in which students may suc cessfully complete assessment. To complete this course however, students will be required to devise a special research project or complete a work placement. Students will demonstrate advanced scholarship through the submission of professional reports or an ex tended research essay.

HMT3002 INDEPENDENT STUDY PROJECT B (FOART - UGRD)

Units 1.0 (Studies in Human Society n.e.c) Band 1

Pre-requisite: Students must have completed 16 units, of which 5 must be in the area of the proposed study project. Student enrolment is subject to the agreement of an appropriate supervisor.

This course enables students to enhance and diversify an area of specialist studies or acquire professional experience, through inde pendent learning and/or work placement. The course builds on theory and practice taught previously in students chosen major. The course is flexible in terms of the variety of ways in which students may suc cessfully complete assessment. To complete this course however, students will be required to devise a special research project or complete a work placement. Students will demonstrate advanced scholarship through the submission of professional reports or an ex tended research essay. The material studied and the assessments must be different from HMT3001, if previously taken by the student.

HMT4001 HONOURS DISSERTATION A (FOART - UGRD)

Units 2.0 (Studies in Human Society) Band 1

Pre-requisite: Students must be enrolled in Program: BAHN or BCAH

This two unit course enables students enrolled in the Honours pro gramme to commence their dissertation under supervision. The stu dent shall enrol in either MODULE 1 or MODULE 2. The topic shall be chosen by the student and approved by the supervisor, and may be either the result of original investigations, or embody a critical appraisal or analysis of primary or secondary source material. The dissertation may be (i) fully written (Module 1), comprising 12,000-15,000 words; or (ii) consist of a professional body of work and a written exegesis of 5,000-8,000 words (Module 2). Module 2 is espe cially suited to BCAH students. This course will normally be followed by HMT4002 Honours Dissertation B.

HMT4002 HONOURS DISSERTATION B (FOART - UGRD)

Units 2.0 (Studies in Human Society) Band 1

Pre-requisite: Students must be enrolled in Program: BAHN or BCAH

This two unit course enables students enrolled in the Honours pro gramme to complete their dissertation under supervision. This course is a continuation of the work commenced in HMT4001 Honours Dis sertation A. The dissertation shall be (i) 12,000-15,000 words for a fully written dissertation (Module 1); OR (ii) a professional body of work and a written exegesis of 5,000-8,000 words (Module 2 - espe cially suited to BCAH students).

HMT4005 RESEARCH DESIGN (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BAHN or BCAH or MSTA

This course examines different methods of approaching a review of literature relevant to a research topic, culminating in the identification and refinement of research questions or hypotheses. It looks at how to select appropriate methods for answering the research question or testing hypotheses. Finally it discusses different approaches to presenting research data.

HSC8050 RESEARCH METHODOLOGY FOR THE HUMAN SCIENCES (FOSCI - PGRD)

Units 1.0 (Nursing not classified) Band 4

This course will develop students' abilities to be critical consumers of research. Studies will focus on extending students' knowledge about the purpose of research, research design and various methodologies including empirical, interpretive, critical and feminist approaches. Through examination of past research students will distinguish the hallmarks of effective research design including ethical considerations. They will learn about evidence based practice and write a critical literature review for their own area of practice.

HUS7001 INTRODUCTION TO COMPUTING BASICS (FOART - NONA)

Units 1.0 (Mathematics) Band 6

Through a process of self-development, students complete the Intro duction to Computing Basics while progressing in a program, which requires them to manage their learning and establish their future goals. Effective computing skills and knowledge will assist both the student's entry into higher education undergraduate degree courses and their success during the study in these courses. In addition, the teaching strategy will be inclusive of culturally relevant perspectives of Indigenous communication and its many practising forms within Indigenous communities. Hence, this enables a student to feel com fortable and will relate to the appropriate use of communication skills for the course from an Indigenous perspective. This will also ensure that students become successful and maintain skills into undergrad uate studies without compromising cultural identity.

HUS7002 NGUYA GOOLPANIE? WHAT DID YOU SAY? STUDY SKILLS (FOART - NONA)

Units 1.0 (Indigenous Studies) Band 1

Aboriginal and Torres Strait Islander peoples progress through the program, which requires them to manage their own learning and es tablish their own future goals through a process of self- development. In this course effective study skills and attitudes will be developed and applied to areas of communication studies. The language skills and writing skills are provided in a broad context to best enable stu dents to continue in the career of their choice.

HUS7003 IMBALA: HEARING TO UNDERSTAND: THINKING TO WRITE (FOART - NONA)

Units 1.0 (Indigenous Studies) Band 1

Aboriginal and Torres Strait Islander peoples progress through the program requires them to manage their own learning and establish their own future goals through a process of self- development. In this course advanced academic thinking and writing skills will be devel oped. The language skills, thinking skills and writing skills are provided in a broad context to best enable students to continue in the career of their choice.

HUS7004 INDIGENOUS CULTURAL STUDIES (FOART - NONA)

Units 1.0 (Indigenous Studies) Band 1

Using a process of self-paced instruction and research, the course follows a sequence of topics that focuses on Indigenous culture. A timeline approach, which follows Indigenous Australian lifestyles from creation, through invasion and contemporary issues, is adopted. The teaching strategy will be inclusive of culturally relevant instruction and perspectives. Hence, this enables students to feel more comfort able in addressing Indigenous and non-Indigenous viewpoints and histories.

IMH5001 PHILOSOPHY OF ABORIGINAL AND TORRES STRAIT ISLANDER HEALTH (FOART - PGRD)

Units 1.0 (Indigenous Health) Band 2

The course centres on the wider view Indigenous Australians have of health (both physical and mental) compared with the Western medical model of health, and the importance of culturally appropriate strategies and interventions in assessment, diagnosis and treatment of Indigenous mental health problems and disorders. Students are cautioned not make generalisations and assumptions about Indige nous people, as there are many Indigenous groups in Australia, with varying cultural issues. The problems inherent in gaining an in-depth understanding of 'culture' in general are emphasised, and students will move away from the belief that cultural competence is readily achievable. It needs to be acknowledged that non-Indigenous people are unable to fully understand the intricate cultural and traditional ways of Indigenous people and that Indigenous staff, with their knowledge of cultural dynamics, are indispensable in providing basic mental health intervention. Students will also become equipped with knowledge of how to gain greater knowledge of, and respect for, particular Indigenous cultural groups within Australia.

IMH5002 INDIGENOUS AUSTRALIAN MENTAL HEALTH TODAY (FOART - PGRD)

Units 1.0 (Indigenous Health) Band 2

Centrally important to this course is the fact that culture has profound influences on the experience and presentation of mental disorder - how and whether symptoms are expressed and how they are under stood. The available data indicate that, compared with non-Indigenous Australians, Indigenous Australians suffer a higher burden of emo tional distress and possible mental illness, widely acknowledged to be related to the unique historical, cultural and social situation of Aboriginal and Torres Strait Islander people. This perspective is taken into consideration in looking at the main types of mental disorders and problems experienced by Indigenous people. The difficulties of researching this field will be outlined. Newer tools such as those de veloped by Westerman specifically for use with Indigenous youth will be explored. The course also deals with implications of mental health problems experienced by Indigenous people, including the greater hospitalisations for most types of mental and behavioural disorders and greater contact with the criminal justice system. Some consider ation is also given to mental health issues of other indigenous cultures and communities throughout the world.

IMH5003 CULTURALLY APPROPRIATE INTERVENTION STRATEGIES IN INDIGENOUS MENTAL HEALTH (FOART - PGRD)

Units 1.0 (Indigenous Health) Band 2

Pre-requisite: IMH5001

The course emphasises the burden of mental illness Aboriginal and Torres Strait Islander communities, with a review of typical and atypical symptoms. It goes on to examine culturally appropriate inter ventions in relation to major issues such as substance abuse and dependence, suicide, psychotic disorders, anxiety and depression. Thus the core of the course is a critique of culturally appropriate in tervention strategies, or 'right way' approach, in alleviating the suffer ing of Indigenous clients. In this context, participants will be exposed to ethical and culturally sensitive strategies for establishing a relation ship, the formal assessment process (in collaboration with Indigenous Mental Health or Health workers), pre-interview procedures, appro priate interviewing techniques, potential interview issues, taking client history, interview assessment, summary and follow-up management options. In keeping with the developmental theme of this program, participants will be encouraged to reflect that in no other area of medicine/health is how they work, define and manage disorders so much influenced by cultural factors, as it is in mental health.

IND1000 INDONESIAN 1A (FOART - UGRD)

Units 1.0 (Southeast Asian Languages) Band 1

The study of Indonesian Language is intended to provide an oppor tunity to develop conversational and written linguistic skills in Indone sian at both colloquial and formal levels. Students will be given a strong foundation in vocabulary and grammar for comprehending the rules and conventions of contemporary language usage. Through a structured sequence of learning, students will be assisted to attain an active and productive command of the language. The course will develop not only correct linguistic performance, but through a close linkage between language and cultural features, it will develop com municative competence in the use of Indonesian language.

IND2000 INDONESIAN 1B (FOART - UGRD)

Units 1.0 (Southeast Asian Languages) Band 1

Pre-requisite: IND1000 or equivalent.

The study of Indonesian Language is intended to provide an oppor tunity to develop conversational and written linguistic skills in Indone sian at both colloquial and formal levels. Students will be given a strong foundation in vocabulary and grammar for comprehending the rules and conventions of contemporary language usage. Through a structured sequence of learning, students will be assisted to attain an active and productive command of the language. The course will develop not only correct linguistic performance, but through a close linkage between language and culture features, it will develop com municative competence in the use of Indonesian language.

IND2021 INTERMEDIATE INDONESIAN A (FOART - UGRD)

Units 1.0 (Southeast Asian Languages) Band 1

Pre-requisite: IND2000 or equivalent

The study of Indonesian Language is intended to provide an oppor tunity to develop conversational and written linguistic skills in Indone sian at both colloquial and formal levels. Students will be given a strong foundation in vocabulary and grammar for comprehending the rules and conventions of contemporary language usage. Through a structured sequence of learning, students will be assisted to attain an active and productive command of the language. The course will develop not only correct linguistic performance, but through a close linkage between language and cultural features, it will develop com municative competence in the use of Indonesian language. A further 750 words will be added to the students' vocabulary in this course.

IND2022 INTERMEDIATE INDONESIAN B (FOART - UGRD)

Units 1.0 (Southeast Asian Languages) Band 1

Pre-requisite: IND2021 or equivalent

The study of Indonesian Language is intended to provide an oppor tunity to develop conversational and written linguistic skills in Indone sian at both colloquial and formal levels. Students will be given a strong foundation in vocabulary and grammar for comprehending the rules and conventions of contemporary language usage. Through a structured sequence of learning, students will be assisted to attain an active and productive command of the language. The course will develop not only correct linguistic performance, but through a close linkage between language and cultural features, it will develop com municative competence in the use of Indonesian language. A further 750 words will be added to the students' vocabulary in this course.

IND3001 ADVANCED INDONESIAN A (FOART - UGRD)

Units 1.0 (Southeast Asian Languages) Band 1

Pre-requisite: IND2022 or equivalent.

The study of Indonesian Language is intended to provide an oppor tunity to develop conversational and written linguistic skills in Indone sian at both colloquial and formal levels. Students will be given a strong foundation in grammar and vocabulary for comprehending the rules and conventions of contemporary language usage. Through a structured sequence of learning, students will be assisted to attain an active and productive command of the language. The course will develop not only correct linguistic performance, but through a close linkage between language and cultural features, it will develop com municative competence.

IND3002 ADVANCED INDONESIAN B (FOART - UGRD)

Units 2.0 (Southeast Asian Languages) Band 1

Pre-requisite: IND3001 or equivalent

The study of Indonesian Language is intended to provide an oppor tunity to develop conversational and written linguistic skills in Indone sian at both colloquial and formal levels. Students will be given a strong foundation in grammar and vocabulary for comprehending the rules and conventions of contemporary language usage. Through a structured sequence of learning, students will be assisted to attain an active and productive command of the language. The course will develop not only correct linguistic performance, but through a close linkage between language and cultural features, it will develop com municative competence.

INR1000 INTERNATIONAL RELATIONS IN A GLOBALIZING ERA (FOART - UGRD)

Units 1.0 (Political Science) Band 1

The actors in international relations range from individual persons to groups and institutions - with the latter including states and sub-state units, international organizations and movements, non-governmental organizations, multi-national corporations and regional organizations. INR1000 focuses on the evolution of the international system with an emphasis on factors such as international law, organisations, war, social justice and human rights, and on the practice of diplomacy through a critical presentation of three major competing analytical perspectives of realism/states systems, world systems, and plural ism/Liberalism.

INR1001 GLOBAL TRANSITIONS AND HUMAN SECURITY (FOART - UGRD)

Units 1.0 (Political Science) Band 1

INR1001 develops students' knowledge and analytical skills by focus ing on several issues including human security, Australia's position in international politics, international security and issues of global in terest. These topics are considered within a human security frame work, and have a particular emphasis on their currency to Australia and its Asian region.

INR2000 ISSUES IN A GLOBALIZING WORLD (FOART - UGRD)

Units 1.0 (Human Geography) Band 1

This course briefly reviews the historical dimensions and contending analytical perspectives on international relations, with an emphasis on processes of globalisation and significant issues in contemporary world politics. Secondly, it explores the foreign policy perspectives of key regional and global actors. And, third, it puts the fore-mentioned into an international relations framework with a particular focus on Australia and the Asia-Pacific region

INR2002 CONTEMPORARY ISSUES IN ASIA (FOART - UGRD)

Units 1.0 (Political Science) Band 1

Major theories of political, social and economic development are analysed, with the relevance of these theories to Southeast Asia and East Asia being examined. The political development of Indonesia and Malaysia are used as case studies, with issues such as social and political change, ideologies, the military, political institutions and ethnicity being considered.

INR3000 AUSTRALIAN FOREIGN RELATIONS (FOART - UGRD)

Units 1.0 (Political Science) Band 1

This course provides a detailed analysis of Australian foreign policy. It seeks to acquaint students with Australia's historic and contempo rary relations on a global basis, including a specific emphasis on the Asia-Pacific region, and to identify factors that have contributed to the development of these relations. The course also discusses the international role of Australia in the present era.

INR3003 WAR AND TERRORISM: INTRODUCTION TO STRATEGIC STUDIES (FOART - UGRD)

Units 1.0 (Political Science) Band 1

Terrorism, the invasion of Iraq and Australian led peacekeeping inter vention in the region have increased interest in warfare and strategic issues in a variety of rapidly evolving scenarios. The use of force in world politics and the history of modern war have become an integral part of our daily lives. To understand such issues, students need to develop an in depth perspective on the development of strategic studies in the contemporary world. This course will focus on develop ments in strategic studies, including land, air and sea power, and their application to theories and issues. Terrorism, Peacekeeping, weapons of mass destruction, and international law all play a part in the relationships that shape contemporary warfare. The course is particularly suited to International Relations and History students.

INR3004 CHANGE IN CONTEMPORARY CHINA (FOART - UGRD)

Units 1.0 (Political Science) Band 1

Since 1949 when the People's Republic was established a succession of Chinese leaders has perceived a gap between the economic and technological capacity of the country and that of major western na tions. This course examines the approaches which have been adopted by the Chinese government to stimulate economic and technological development. In particular, it focuses on contemporary policies and on the patterns of continuity and change. It examines both domestic and international issues affecting China and analyses China's role and influence in world politics.

INR4010 INTERNATIONAL RELATIONS: GUIDED TOPICS (FOART - UGRD)

Units 1.0 (Political Science) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BAHN or MSTA

Drawing upon frameworks from the discipline of International Rela tions, the course provides information about, and analysis of, contem porary issues, international relationships and cross-cultural processes. It emphasises the main themes of globality and human security. The evolution of the Australia experience and Australians' evolving per ceptions, roles, values, and impacts on, primarily, the framing and formation of foreign policy, will be examined. Particular attention will be given to the personal and social concerns and skills of students that will enhance their role as competent citizens and workers and facilitate Australia's role in the region.

INR4011 AUSTRALIA AND ASIA - ISSUES (FOART - UGRD)

Units 1.0 (Political Science) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BAHN or MSTA

Drawing upon an International Relations framework, the course briefly reviews the key aspects regarding evolving perceptions and relation ships between Australia and Asia. Several contemporary issues are considered, including global and Asia-Pacific regional economies, Australian security, human security, and law and order challenges.

JRN1000 JOURNALISM PRACTICE (FOART - UGRD)

Units 1.0 (Journalism) Band 1

This course is designed to introduce students to the print news media and the theoretical models underpinning their practices. Emphasis will be placed on the need for students to identify newsworthy infor mation and, in their news writing, achieve accuracy, fairness and balance within the constraints imposed regularly on journalists. Stu dents will be introduced to news values, journalism research, interview skills and the elements that make up print news stories. They will be given considerable practice in writing effective introductory sentences, handling attribution and quotations, and structuring complete news stories.

JRN2000 NEWS REPORTING (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: JRN1000

This course teaches you to find, report and write news stories for the three major reporting rounds of government, the courts and sports . It builds on the news judgment and writing skills learned in JRN1000 Journalism Practice. The emphasis is on learning by doing. You will receive theoretical instruction and considerable practice in interview ing, note taking, reporting and story organisation. The journalist's role in society will be defined and explored through the use of re search techniques involving interviews, the Internet and databases. To successfully complete this course, you must have access to the Internet.

JRN2001 PUBLICATION LAYOUT AND DESIGN (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: JRN2003

This course will concentrate on the development of sub-editing, layout and design skills through theoretical studies and practical work. A focal point will be the professional issues that arise in the process of making sub-editing decisions. Instruction will be given in copy-tasting, layout, handling illustrations, writing headlines and blocklines, print production and electronic sub-editing. Students will also contribute to an on-going discussion group. Students are expected to have regular access to e-mail and the Internet.

JRN2002 RADIO JOURNALISM (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: JRN1000 and JRN2000

This course provides students with a hands-on introduction to report ing, writing, recording and presenting broadcast news for a working newsroom with real life deadlines. It stresses current affairs knowl edge. Students will learn to record and edit stories, think independent ly, refine their news sense, operate within the community as journalists and make ethical editorial decisions. Students will also develop a critical understanding of the role and function of broadcast journalism, including the theoretical debates concerning the news media's key functions. Topics covered include news in context, new media pro duction and broadcast news writing style, interview techniques, voice production and editorial decision-making.

JRN2003 FEATURE WRITING (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: JRN1000

This course will concentrate on preparation of larger journalistic arti cles for newspapers and magazines. Students will research and write different kinds of features, learning advanced interviewing, research and writing techniques.

JRN2005 BROADCAST REPORTING (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: JRN2002

This course focuses on developing individual skills in writing and re porting for broadcast news. Students will build on previous courses by learning to refine and improve their writing and reporting skills for broadcast. An introduction to television news will provide students with an ability to analyse and critique current broadcast news reporting practices. The course will take a practical approach to teaching ad vanced interview skills, writing for television, and packaging TV news reports. Students will also examine the ethical and professional issues surrounding broadcast journalism's new technologies and the de mands of an increasingly competitive industry.

JRN2006 MEDIA LAW AND ETHICS (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: JRN1000

This course provides a legal and ethical framework for professional practice in the field of journalism. Students will examine the Australian legal system, defamation law, contempt of court and parliament, and the law of copyright. The study of major developments in moral phi losophy will form a foundation on which to analyse specific case studies, with particular reference to the MEAA (Journalists) Code of Ethics.

JRN2010 NEWS LITERACY (FOART - UGRD)

Units 1.0 (Journalism) Band 1

This course is designed to teach students how to become more dis criminating news producers and/or consumers. The course will seek to help students recognise reliable information and teach them how to apply their critical-thinking skills so they can act on such informa tion. As part of their instruction, students also will learn how the journalistic process works and how professional journalists make decisions.

JRN3001 ONLINE JOURNALISM (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: JRN2003

Modern journalists need special skilling to cater for contemporary audiences and contemporary newsrooms. Today, they have only seconds to file news alerts and just minutes to send out stories to keep readers informed and up to date. Yet they still need to take the time to tell the story behind the story - to analyse, educate, inform and entertain. This course prepares students for work in the modern newsroom, where the newsgathering process is in flux but the respon sibilities of journalists remain firm. Within this framework, students will develop an advanced understanding of online storytelling by thinking creatively about multimedia and examining the impact of the Internet on news values and ethics. The use of web-based information to research and write news and features will also be explored. Stu dents should come to his course equipped with knowledge of the principles and practice of journalism, and with established skills in reporting, writing and editing.

JRN3002 BROADCAST NEWSROOM (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: JRN2002 and JRN2005

This course focuses on furthering the theory and practice of broadcast journalism through a major reporting project. The theoretical context provides for an increased understanding of the role of news and current affairs and addresses major contemporary media issues such as ethics, laws and regulations. Students will critique industry practice, develop story ideas, write proposals, conduct research and produce professional standard reports suitable for broadcast. They will be required to reflect on their practice in completing their major project. Students will be given professional support and guidance to advance the skills learnt in Broadcast Reporting. In addition, students will complete six Newsbreak reporting and sub-editing shifts.

JRN4001 ANALYTICAL AND OPINION WRITING (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: Students must be enrolled in the following Program: MSTA

This course builds upon the knowledge of and skills in reporting and writing news and feature articles. Students will learn to work with major political and social issues through intensive writing and analysis at an advanced level. They will study some of the classical traditions in these fields, including questions of moral certainty and argument, and rhetorical strategies illustrated by best practices in journalism. Students will look at examples from major journalistic publications and writers. They will learn how to develop both their writing and their analytical skills. Through an examination of issues, the course will familiarise students with the dividing line between editorialising and analysis, culminating in student work that is suitable for publication in print and/or online media.

JRN4004 SPECIALISED REPORTING (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: JRN4001 and two graduate level courses (areas of specialisation)

In reporting and writing on a major round or beat, journalists are ex pected to develop and draw on their subject matter expertise.This course builds on students' enrichment of their specialised knowledge in a field of study while at the same time developing advanced knowledge and skills to carry out analysis and specialty, complex storytelling. The emphasis will be on explanatory reporting for the general public, culminating in the production of an extended work of journalism. Students will reflect on their professional practice in the context of ethical issues and values related to truthtelling.

KNL1001 INDIGENOUS CULTURAL IDENTITY (FOART - UGRD)

Units 1.0 (Indigenous Studies) Band 1

The content of this course explores concepts of Indigenous identity at a variety of levels: individual or personal identity, group identity, international perceptions of identity from indigenous and non-indige nous perspectives, an historical view of Aboriginal and Torres Strait Islander societies and identities, ideas of contemporary Australian identity, and a view to the future. During this course of study, learners will be introduced to: Cultural, social and environmental factors affect ing personal and group identity, Events and concepts affecting notions of Australian identity, Indigenous social and cultural identities and how these have been affected by historical events, The effects of media and literature on development of views of Indigenous Australian identities, Possible futures in Australian notions of identity and inclu siveness.

KNL1002 TORRES STRAIT ISLANDER STUDIES (FOART - UGRD)

Units 1.0 (Indigenous Studies) Band 1

The content and structure of the course emphasize the need for students to adopt a greater educational stance and understanding in the area of Torres Strait Island Studies. Hence, the course seeks to broaden the awareness of students of the Torres Strait Islands and its peoples on the basis of a knowledge and understanding of, and empathy towards, those people who are the original inhabitants of the Torres Strait. Throughout the course, four major dimensions will be explored: The history and colonisation of the Torres Strait,Torres Strait Islander social, economic and legislative-political structures, Policies and practices in relation to education for Torres Strait Islander peoples, Significant Torres Strait Island cultures: cus toms, languages, protocols, and the Arts.

KNL2001 INDIGENOUS KNOWLEDGE AND AUSTRALIAN HERITAGE (FOART - UGRD)

Units 1.0 (Indigenous Studies) Band 1

A course on managing and recording Indigenous knowledge should provide a comprehensive understanding of traditional knowledge systems related to the environment, technology and science, lan guage and communication, survival skills, artefacts and weapons, economics, kinship and social organisation. Essentially the course will present an overview of elements of traditional Indigenous knowledge, how it is used and how it has survived change and the processes we need to follow to manage it, and to record it. The course will endeavour to explain the importance of knowledge to Aboriginal and Torres Strait Islander cultures and societies to the learner. It will illustrate the need to record and manage the knowledge of different groups to document such knowledge. In this course, students should gain knowledge and understanding of: The structure and influence of knowledge, communication and language globally, and in Indige nous and non-indigenous societies, and how knowledge can be utilised and managed; The importance of oral history and traditions and their relationship to nature, the customs and behaviours of Aus tralian Indigenous societies and cultures; Indigenous intellectual property rights and copyright, Government legislation and policy for mulation in relation to Australia Indigenous societies and cultures; Cultural Heritage and Native Title Legislation - implications for Indige nous Australian peoples; Research ethics in Indigenous contexts.

KNL2002 ON COUNTRY LEARNING: INDIGENOUS KNOWLEDGE THROUGH BUTCHULLA CULTURE (FOART - UGRD)

Units 1.0 (Indigenous Studies) Band 1

Knowledge of Indigenous peoples around the world is invariably told from a non Indigenous perspective. Aspects of Aboriginal culture in volving history, belief, kinship language etc are commonly accessed through text based non-Indigenous sources as part of a pan-continen tal narrative. The On Country Learning course examines the Aus tralian Aboriginal experience from an indigenous perspective utilising a unique combination of local Butchulla Aboriginal knowledge within the broader framework of Indigenous Studies. Thus broader issues relating to the Indigenous experience in Australia are learnt through local and specific examples involving class room and on country learning.

KNL3001 INDIGENOUS AUSTRALIAN CULTURES AND COMMUNITIES (FOART - UGRD)

Units 1.0 (Indigenous Studies) Band 1

The central core of the course is the presentation of Indigenous Australian perspectives and viewpoints to correct the imbalance in knowledge and understanding of Australia's history which has pre dominated since invasion. Consideration is given to the concepts of culture, society and group and individual identity. The course investi gates aspects of Indigenous Australian cultures including, kinship, languages and land affiliation. The emphasis is placed on having an understanding and appreciation of Indigenous Australian attitudes. The content and structure of this course will emphasize the need for a sound theoretical and philosophical understanding of cultural inter action and difference in community and relationship connections, confronting stereotypes that have been constructed around Australia's Indigenous populations, and reconstructing those images on a basis of knowledge and understanding of, and empathy towards, those people who are the original inhabitants of this country. Throughout the course, four major constructs will be explored: (i) contested views of historic and contemporary Indigenous Australian cultures, societies and identities; (ii) Aboriginal and Torres Strait Islander contemporary social, political and economic situations; (iii) policies and practices in relation to social issues for Aborigines and Torres Strait Islander peoples; (iv) identifying strategies for reducing social disadvantage

LAC1001 LANGUAGE SURVIVAL SKILLS (FOART - UGRD)

Units 1.0 (Northern European Languages) Band 1

IMPORTANT: Students must elect to study EITHER the German OR the Chinese stream of this course by signing up for the correct lecture for their chosen language LAC1001 requires NO prior knowledge of German or Chinese. The course aims to equip students with basis communicative skills and cultural knowledge such as might be re quired for a visit to the respective country as a tourist or on a short-term professional placement. Studying German or Chinese as part of an Arts, Business, Engineering, Science, Education, or IT degree to a credible level of language competence, can provide graduates with an important competitive edge when entering and advancing their careers in increasingly global employment markets.

LAC1002 LANGUAGE, PEOPLES AND PLACES (FOART - UGRD)

Units 1.0 (Northern European Languages) Band 1

Pre-requisite: LAC1001 or for German strand GER1101 or for Chinese strand CHI1000

IMPORTANT: Students must elect to study EITHER the German OR the Chinese stream of this course by signing up for the correct lecture and tutorial for their chosen language. LAC1002 is a beginners' level course and builds on the skills acquired in LAC1001. The course aims to equip students with the language skills required to cope well in typical communicative situations in a German- or Chinese-speaking environment. Studying German or Chinese as part of an Arts, Busi ness, Engineering, Science, Education, or IT degree, to a credible level of language competence, can provide graduates with an impor tant competitive edge when entering and advancing their careers in increasingly global employment markets.

LAC2001 LANGUAGE, CULTURE AND CUSTOM (FOART - UGRD)

Units 1.0 (Northern European Languages) Band 1

Pre-requisite: LAC1002 or for German strand GER1102 or for Chinese strand CHI2000

Studying German or Chinese as part of an Arts, Business, Engineer ing, Science, Education, or IT degree, to a credible level of language competence, can provide graduates with an important competitive edge when entering and advancing their careers in increasingly global employment markets. This course begins to use language skills as a gateway to a more extensive study of the cultures and customs of Germany and China in both their more traditional and their contemporary aspects. It explores the practice of culture and custom in both their national and international contexts, surveying the ways in which German and Chinese communities view themselves and express their identities in the context of living at home or abroad. The course also explores the ways in which students may encounter the varied cultures and customs of Germany and China as travellers or temporary residents. LAC2001 builds on the skills and concepts acquired in LAC1001 and LAC1002 and is the recommended entry level for students who have successfully completed Year 12 German or Chinese (Mandarin) less than two years ago. Emphasis in class activities (3 hrs per week) is on the application of language and cul tural concepts introduced in course materials and prepared by stu dents in independent study and practice prior to attending class. Im portant: Students in this course must elect to enrol in either the Ger man or Mandarin Chinese stream by signing up for the correct lecture for their chosen language. New students with some previous knowl edge of either German or Chinese are asked to contact the lecturer in the relevant language for a a placement test to determine their most suitable starting point in this major.

LAC2002 LANGUAGE, HISTORY AND IDENTITY (FOART - UGRD)

Units 1.0 (Northern European Languages) Band 1

Pre-requisite: LAC2001 or for German strand GER2101 or for Chinese strand CHI2021

IMPORTANT: Students must elect to study EITHER the German OR the Chinese stream of this course by signing up for the correct lecture and tutorial for their chosen language. This course continues to en hance students' language skills and the cultural frameworks estab lished in LAC2001 to provide a deeper knowledge of significant his torical periods and events in the development of German and Chinese nationhood. The course considers more general theoretical perspec tives about the formation of national identities and considers how social values immerge and change over time in both German and Chinese contexts. LAC2002 builds on the skills and concepts acquired in LAC1001 to LAC2001

LAC3001 LANGUAGE AND THE CONTEMPORARY WORLD (FOART - UGRD)

Units 1.0 (Northern European Languages) Band 1

Pre-requisite: LAC2002 or for German strand GER2102 or for Chinese strand CHI2022

This course raises students' language skills to beginning intermediate level, equipping them to comprehend set texts in their original lan guage. Students will be expected to read accounts of important contemporary issues occurring in Germany or China published in German or Mandarin. LAC3001 builds on the skills and concepts acquired in LAC1001 to LAC2002. Emphasis in class activities is on the application of language and cultural concepts introduced in course materials and prepared by students in independent study and practice prior to attending class. Important: Students in this course must elect to enrol in either the German or Mandarin Chinese stream.

LAC3002 LANGUAGE AND CULTURE SPECIAL PROJECT (FOART - UGRD)

Units 1.0 (Northern European Languages) Band 1

Pre-requisite: LAC3001

Important: LAC3002 consists of two streams Chinese OR German. Students in this course must elect to study ONE of the languages. The Language and Culture Special Project is designed to allow stu dents the opportunity to explore a topic of relevance to Ger man/Swiss/Austrian or Chinese culture, history, society, business, engineering, the performing or creative arts and to present their findings both in a written essay/report in the target language (ap prox.1000 words) and in a formal spoken presentation.. The project will be built upon the language skills and cultural knowledge already acquired to this level and will normally involve the application of such skills and knowledge to a specific area of study or activity.

LAC3003 LANGUAGE AND CULTURE SPECIAL PROJECT A (FOART - UGRD)

Units 2.0 (Northern European Languages) Band 1

Pre-requisite: LAC3001

Important: LAC3003 consists of two streams Chinese OR German. Students in this course must elect to study ONE of the languages. The Language and Culture Special Project is designed to allow stu dents the opportunity to explore a topic of relevance to Ger man/Swiss/Austrian or Chinese culture, history, society, business, engineering, the performing or creative arts and to present their findings both in a written essay/report in the target language (ap prox.2000 words) and in a formal spoken presentation. The project will be built upon the language skills and cultural knowledge already acquired to this level and will normally involve the application of such skills and knowledge to a specific area of study or activity

LAC3004 IN-COUNTRY STUDY/PROFESSIONAL PLACEMENT (FOART - UGRD)

Units 1.0 (Language and Literature not el) Band 1

Pre-requisite: LAC2002 or equivalent

The purpose of this course is to give students the opportunity to ex perience work/study in the relevant target-country and to formally demonstrate and communicate the knowledge, skills and experiences gained overseas. It will require students to record and to reflect upon their in-country experiences and to communicate insights gained to peers in LAC and related studies upon their return to Australia in the target-language. It is envisaged that a formally recognised in-country experience will enhance students' Post-graduation employment prospects. Students should be aware that the number of students admitted into this course will be restricted and acceptance will be at the discretion of the course examiner

LAW1101 INTRODUCTION TO LAW (FOBUS - UGRD)

Units 1.0 (Business and Commercial Law) Band 3

Pre-requisite: Students enrolled in BLAW, BABL, BALW, BBBL, BBLA, BCBL or BCLA are not eligible for enrolment.

This course is not suitable to be undertaken as an elective under the Bachelor of Laws program. This course is designed to introduce students to the impact of law on business. To do this it commences with a review of the components of the Australian legal system, the judicial process and the means by which disputes are resolved or litigated. Civil liability in contract law, negligence and other tortious actions are examined in some detail. Criminal law is also briefly covered as well as the law of agency.

LAW1201 LEGAL PROCESS AND RESEARCH (FOBUS - UGRD)

Units 1.0 (Law) Band 3

Pre-requisite: Students must be enrolled in one of the following Programs: BALW or BBLA or BCLA or BLAW

This course provides students with an introduction to the key skills necessary to undertake their substantive law courses, including how to read and analyse a case and how to interpret a statute. It also in cludes the development of skills relating to: legal citation, legal re search, problem-solving, and legal writing. These skills are explicitly taught and assessed throughout the course. Students will continue to build and develop these skills as they progress through other core courses in the Law program. The course also provides students with discipline specific knowledge relating to Australian legal institutions, sources of law, the passage of statutes through Parliament, and the development of the common law.

LAW1202 LAW IN CONTEXT (FOBUS - UGRD)

Units 1.0 (Law) Band 3

Pre-requisite: Students must be enrolled in one of the following Programs: BLAW or BALW or BBLA or BCLA or BSSC

It is important for those learning the skills of lawyers to understand that the law is part of the social fabric and reflects the views and values of the society in which it operates. This course is designed to introduce students to the law and skills required for lawyers. Students will learn to discuss and debate key legal concepts that relate to legal jurisprudence and principles underpinning the legal system such as the rule of law. Consideration of specific legal issues such as indige nous, multicultural, criminal activity, ethics, discrimination and gender and family issues will be covered. The course will engage students in the study of law.

LAW2104 BUSINESS AND CONSUMER LAW (FOBUS - UGRD)

Units 1.0 (Business and Commercial Law) Band 3

Pre-requisite: LAW1101 and Students enrolled in one of the following Programs: BLAW or BALW or BBLA or BCLA

This course is not suitable to be undertaken as an elective under the Bachelor of Laws program. In the introductory law course students were exposed to basic principles of legal liability. In this course the study of those principles is extended and applied in the context of responsibilities of business to consumers. This course examines statutory and judge made laws affording consumer protection, such as legislation on false and misleading conduct and judicial decisions on unconscionability. Also canvassed are aspects of property law relevant to individuals and small business, such as the classification of property, ownership, residential and commercial leases and transfers of title, and workplace issues. This leads into a discussion of insurable interests and managing business liabilities through insur ance generally. Aspects of consumer credit and cheque regulation are then considered. Finally, account is taken of the procedures available for debt recovery and consumer bankruptcy.

LAW2106 LAW OF BUSINESS ORGANISATIONS (FOBUS - UGRD)

Units 1.0 (Business and Commercial Law) Band 3

Pre-requisite: LAW1101. Students enrolled in BCBL and BCLA must complete LAW1201 Legal Process and Research instead of LAW1101 before enrolling in LAW2106. Students enrolled in BLAW, BABL, BALW, BBBL or BBLA are not eligible for enrolment

This course is not suitable to be undertaken as an elective under the Bachelor of Laws program. The objective of this course is to introduce students to the legal principles associated with partnerships, associ ations, trusts and corporations. In particular, students will be exposed to the Partnership Act and Corporations Act in detail and shall be required to be able to describe all appropriate legal principles dealing with such entities and the internal and external relationships thereof.

LAW2107 ENVIRONMENTAL LAW (FOBUS - UGRD)

Units 1.0 (Law not elsewhere classified) Band 3

This course is designed to acquaint students with the legal issues involved in the protection of the environment. This is to be achieved through exposure to the sources of Australian environmental regula tion: international, national and state. While there is no set prerequisite legal study required, it is recommended that students have completed Introduction to Law LAW1101 or Technology and Society ENG2002. The course examines the various sources of environmental law demonstrating how international initiatives are translated into domestic regulation. Through this mechanism students are exposed to some of the difficulties in this area of the law such as definitional difficulties as well as the incorporation of concepts such as ecologically sustain able development, intergenerational equity and the precautionary principle into regulation. This is achieved by an examination of the Australian and Queensland environmental regulatory framework. Such practical issues as increasing Commonwealth involvement in environmental matters, the regulation of environmentally relevant activities and land use planning, are dealt with.

LAW2201 CONTRACT A (FOBUS - UGRD)

Units 1.0 (Law) Band 3

Pre-requisite or Co-requisite: LAW1201

The law of contract is the basis of all commercial transactions and essential for all facets of professional endeavour. Students will gain a broad theoretical understanding of the basis of the law of contract. Specifically the aim of this course is to equip students with the knowledge of the legal requirements for concluding contracts, the capacity of parties to enter in to contracts and the required content of a legally enforceable contract.

LAW2202 CONTRACT B (FOBUS - UGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW2201

This course continues to expand the students' knowledge of contract law. This course will build upon the understanding of the principles of the law of contract gained in LAW2201 Contract A. Specifically the aim of this course is to equip students with further contract law knowledge, in particular that concerning statutory vitiating factors, the manner in which contracts may be performed and discharged, the legal remedies available in the event of a breach or non-perfor mance of a contract, other aspects of the impact of various statutes on contracts, and contracts for the international sale of goods. Stu dents will also further develop their research skills.

LAW2203 TORTS A (FOBUS - UGRD)

Units 1.0 (Law) Band 3

Pre-requisite or Co-requisite: LAW1201

The law of civil wrongs, known as torts, sets the standards of be haviour between members of society. The aim of this course is to introduce students to the theoretical basis on which the law of tort in general has developed and, in particular, the tort of negligence. Stu dents will gain an understanding of the circumstances in which an action for the tort of negligence may lie, the elements of the cause of action, the remedies available and possible defences to the action.

LAW2204 TORTS B (FOBUS - UGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW2203

This course broadens the students' knowledge of the extent of the civil obligations imposed by the law of torts. It will build upon the un derstanding of the principles of the law of torts gained in Torts A. Students will gain an understanding of a variety of negligence torts, the possible defences to them and the principle of vicarious liability. The course will also examine a number of other representative torts including nuisance and nervous shock.

LAW2205 CRIMINAL LAW A (FOBUS - UGRD)

Units 1.0 (Law) Band 3

Pre-requisite or Co-requisite: LAW1201 and LAW1202

Criminal law sets the limits which society, through the government, imposes on acceptable behaviour. The limits are set to provide the basis of a safe environment in which people can lead productive lives. Going beyond those limits can result in drastic consequences for the individual within the criminal law regime. This course will intro duce students to the fundamental principles that underlie criminal law in Queensland. It will also introduce students to criminal proce dure, with a focus on Queensland Magistrate and District Court trials; a selected range of criminal law offences and defences, and general principles of sentencing in Queensland. The course is designed to take students on the journey through the criminal process from arrest through to appeal, with a focus on some processes and offences likely to be encountered by commencing criminal law practitioners. Criminal law B will build upon the foundations laid in this course.

LAW2206 LEGAL CONFLICT RESOLUTION (FOBUS - UGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW1202 or LAW5502

A fundamental skill of a lawyer is the ability to successfully resolve conflicts in the professional arena. The course will introduce students to communication in a situation of conflict. Students will explore im portant skills in communication such as listening, interviewing and negotiating. Students will be introduced to the array of possible methods of resolving conflicts, including litigation. Some methods of conflict resolution such as mediation will be considered in detail so students have a sound practical knowledge. The course will give students grounding in the fundamentals of conflict resolution in the Australian legal system.

LAW2207 COMPANY LAW (FOBUS - UGRD)

Units 1.0 (Business and Commercial Law) Band 3

Pre-requisite: LAW3205

Companies are the business form of choice which dominate the commercial landscape. The variety, size and structure of companies varies greatly. The object of this course is to provide students with an overview of the major principles and mechanisms of company law. On completion of this course, students will have sufficient legal information concerning choice of the corporate business form, includ ing formation and characteristics of a company; the corporate consti tution; corporate finance, share structure and membership; constitu tion and powers of corporate organs (board and general meeting); corporate authority; corporate governance including directors' duties; shareholders' remedies; and administration and winding up of the company.

LAW2301 E-LAW (FOBUS - UGRD)

Units 1.0 (Law not elsewhere classified) Band 3

Pre-requisite: (Students must be enrolled in one of the following Programs: BLAW or BALW or BBLA or BCLA & Co-requisite: LAW1201) or (Students must be enrolled in Program: DJUR & Co-requisite: LAW5501) or (All other Students: Pre-requisite LAW1101)

This course introduces students to the law as it relates to the Internet and in particular e-commerce. It examines key legal areas that are relevant to the establishment or use of a website. The areas covered include regulatory models, jurisdiction, consumer protection, copyright, domain name disputes, patents, privacy, content regulation (for ex ample, censorship) and also electronic crime. In each area the appli cation of existing legal principles to e-commerce as well as the newly developed 'cyberlaw' principles will be examined. In some of these areas of law the growth in e-commerce has outstripped the growth in the law. In these areas we will identify the legal issues and look at any proposed laws that seek to clarify these new issues. Students must have access to the Internet to complete this course. This course is particularly useful to students who are involved in developing websites or dealing with websites either from a legal, marketing, or information technology point of view.

LAW3110 INSOLVENCY AND RESTRUCTURING LAW (FOBUS - UGRD)

Units 1.0 (Business and Commercial Law) Band 3

(Pre-requisite or Co-requisite: LAW2106) or (Pre-requisite: LAW1201) or (Pre-requisite: LAW5501)

The course will provide a comprehensive coverage of the law of in solvency and restructuring as it affects both individuals and corpora tions. The course examines the major types of insolvency administra tion provided for by the law, for both individuals and corporations - bankruptcy, Part X arrangements, receivership, voluntary administra tions and liquidations. Some emphasis is placed on the process of bankruptcy and liquidation and a major part of the course is a consid eration of the provisions dealing with company rescue.

LAW3130 REVENUE LAW AND PRACTICE (FOBUS - UGRD)

Units 1.0 (Taxation Law) Band 3

Pre-requisite: (ACC1101 and LAW2106) or (LAW2202 and LAW3206 for Students enrolled in one of the following Programs: BLAW or BALW or BBLA or BCLA) or (LAW5602 and LAW5706 for Students enrolled in Program: DJUR)

In order to participate in the planning of a client's tax affairs it is necessary to understand the relevant sections of the appropriate taxation laws applicable to the transaction or entity structure. This course primarily introduces students to the Income Tax Assessment Acts (ITAA36 and ITAA97) and the Goods and Services Tax Act 1999 (GSTA). Topics covered include assessable income, residency, capital gains tax, allowable deductions, classes of taxpayers, calcu lation of tax payable and offsets/rebates of tax, tax administration provisions and the taxation of business entities. Goods and Services Tax is also covered in detail.

LAW3131 REVENUE LAW AND PRACTICE II (FOBUS - UGRD)

Units 1.0 (Business and Commercial Law) Band 3

Pre-requisite: LAW3130

The material covered in the course will build upon the subject matter dealt with in the course Revenue Law and Practice and students will be expected to have retained a working knowledge of material cov ered in that course. This course looks in detail at taxation issues not covered there in order to provide students with a greater understand ing and knowledge of the Australian taxation system. Specifically it covers taxation of various business organisations, superannuation funds, and termination payments. It also examines Fringe Benefits Tax, International tax and the taxation of 'special' taxpayers such as primary producers.

LAW3201 CONSTITUTIONAL LAW A (FOBUS - UGRD)

Units 1.0 (Constitutional Law) Band 3

Pre-requisite: LAW1202

The constitutions of Australian governments are the basis by which power may be exercised over the citizens of the nation. Understanding the limits of those powers and the way the various government levels interact is the basis of understanding law making in Australia. Stu dents will become familiar with the Commonwealth and State Consti tutions, including the division of powers between different levels of government in Australia's federal system, the settlement of disputes between Federal and State Governments over which of them has power to make laws in particular areas, and the role of the High Court in the interpretation of the Constitution. Limits to law making powers will be considered. Students will be asked to consider to what extent interpretation of the Constitution should evolve as the needs of society change, and to critically reflect on the development of Australian constitutionalism since federation.

LAW3202 ADMINISTRATIVE LAW (FOBUS - UGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW2202 and LAW3201

Government departments and officials constantly make decisions that affect the rights of individuals. Administrative law is the body of common law, statute law and procedural rules through which govern ment institutions and bureaucratic actions are supervised and regu lated. This course examines the rights of individuals to challenge government decisions and actions and considers the kinds of pro cesses that government bodies need to follow in order to be seen to have followed correct process. Students will be asked to evaluate the effectiveness of administrative law principles and institutions in ensuring good and transparent decision-making by governments.

LAW3203 PROPERTY LAW A (FOBUS - UGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW1201

Possession and transfer of property of all types has been and contin ues to be a source of wealth and the primary activity of commercial and private endeavour. The legal rules that determine how these transactions take place are vital for ensuring stability. This course is designed to introduce students to the concepts of property and basic principles of property law. Students will gain an awareness of con cepts of real and personal property and principles governing the possession, creation and transfer of interests in property, tenures and estates in co-ownership. The recognition of native title and sub sequent case law and legislation will be examined, as will concepts of Crown land and leasehold.

LAW3204 PROPERTY LAW B (FOBUS - UGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW3203

This course continues the study of property law commenced in Property Law A. It looks at particular issues of real property law in greater depth which are important to understanding the practical and commercial context of property transactions. Topics covered will in clude the concept of land, fixtures, torrens title land, unregistered in terests, mortgages, easements and other encumbrances and leases.

LAW3205 EQUITY (FOBUS - UGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW1201

No study of law is complete without an understanding of the area of law which lessens and ameliorates the harsh impacts of common law rules. This course aims to provide a theoretical framework for the underlying fundamental principles of the law of Equity. The mate rial will explore the historical development of equity, its relationship with the common law and an analysis of its current applications. Students will have an appreciation for its special characteristics and discretionary nature. The course will examine the practical application of equitable actions and remedies. In particular, a focus will be the manner in which equity may intervene in the application of more strict common law rights. Finally, students may be expected to be able to critique recent developments and comment on the direction of its principles to deal with new circumstances.

LAW3206 TRUSTS (FOBUS - UGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW2202 and LAW3205

The use of trusts as a business form continues to be popular while at the same time trusts provide a sources of rights and responsibilities in many contexts. The purpose of this course is to introduce students to the nature of trusts and the various forms they may take. This will build on the basic principles of equity and fiduciary relationships covered in the Equity course. The focus will be on trusts which may be expressly created for commercial or personal use; and trusts created by operation of law or for remedial purposes. The course will be practical in the sense that it will require students to be able to identify the duties and obligations of all parties within the trusts rela tionship and consider all potential legal risks and liabilities. In partic

LAW3208 EVIDENCE (FOBUS - UGRD)

Units 1.0 (Law not elsewhere classified) Band 3

Pre-requisite: LAW1202 and LAW2205

Evidence law concerns the rules and principles that govern what in formation can be used in court proceedings, who can use it and how it can be used. These rules pervade the operation of all areas of law in which an issue may come before a court for determination. Therefore, understanding the rules of evidence is critical for all lawyers practising in a field in which disputes of fact may arise. This is effec tively any area of law. Criminal cases are the most heavily governed by laws of evidence, but these rules are also important for civil law, including contractual disputes, claims for damages for negligence and defamation. Although evidence law is largely procedural, its ap plication can have a profound effect on the outcome of a case. In particular, rules governing admissibility determine the evidence juries are allowed to hear and judges are permitted to take into account when reaching a verdict or deciding a fact in issue. This course ex amines those rules, including the rationales for their existence. Like laws in general, evidence law is a balance of competing considera tions. These rules attempt to reconcile the court's inquiry for the truth on disputed issues with considerations of expediency, reliability, fairness and other public policy considerations. Social and ethical questions arise throughout the course. Students will learn about the trial process as well as how witnesses are allowed to deliver testimo ny, rules of admissibility, including exclusionary rules and judicial discretions. The various forms of privilege from giving evidence will be considered, especially legal professional privilege, knowledge of which is essential for any students intending to practise in the legal profession. The course will focus on the rules of evidence applicable in Queensland under the common law and Evidence Act 1977 (Qld). The comparable federal regime covered by the Evidence Act 1995 (Cth) will also be considered. The information studied in this course is practical and aims to give students practical knowledge and skills to assist them in becoming competent practitioners.

LAW3209 PROCEDURE (FOBUS - UGRD)

Units 1.0 (Law not elsewhere classified) Band 3

Pre-requisite: LAW2202 and LAW3206 and LAW3461 Pre-requisite or Co-requisite: LAW3202

This course aims to familiarise students with the theoretical issues that underpin private civil litigation, as well as the processes that must be following in commencing, conducting, and finalising civil disputes in the Queensland and Federal courts. Students will also be exposed to alternative dispute resolution ("ADR") methodologies, and will consider the circumstances in which ADR is more appropriate than a progression to trial. Following successful completion of this course, students will understand the various steps that are taken to progress civil litigation, and will be familiar with the applicable statutes and rules; in particular the key provisions of the Uniform Civil Proce dure Rules 1999 (Qld) ('UCPR'). This is a practically focussed course, designed to assist future practitioners in confidently solving litigation related problems utilising best practice.

LAW3210 THEORIES OF LAW (FOBUS - UGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW1202 or LAW5502

While most law courses submerge students in the technical rules of various aspects of the law, this course places the law in the context of philosophies which critique the basis of those rules. Students will study various bodies of thought that have in the past influenced legal thinking, including legal positivism, natural law, feminist, realist and critical theories of law, and liberal, social and radical political theories. Against the background of classical and modern natural law theories, consideration will also be given to philosophies of virtue and character - particularly as applicable to lawyers.

LAW3211 LEGAL PROFESSIONAL PRACTICE AND ETHICS (FOBUS - UGRD)

Units 1.0 (Legal Practice) Band 3

Pre-requisite: LAW1202 and LAW2205 and LAW3204 Pre-requisite or Co-requisite: LAW3208

The course deals with the nature of legal practice, and involves further study of philosophies of applied ethics in legal practice. It includes skills exercises in letter drafting, and accounting for client money. Topics studied include the regulation of the legal profession; admis sion and discipline; engagement; billing; and responsibilities in relation to client money, the conduct of litigation and advocacy, competence and careful practice, confidences, and loyalty to clients. It also deals with civility and courtesy in dealings with clients and other lawyers.

LAW3421 FAMILY LAW (FOBUS - UGRD)

Units 1.0 (Family Law) Band 3

Pre-requisite: LAW3201 or LAW5701

Family law is a major area of legal practice which also overlaps with important social issues. The course will focus on the main areas to equip students with the ability to practice in Family Law. In relation to children's issues the course will maintain a child-centred focus to give students direction as to the requirements of the courts and the community that the best interests of the child should be taken into account. The course will also focus on the dispute resolution process es that pertain to Family disputes in a changing policy and legal en vironment.

LAW3422 SUCCESSION LAW (FOBUS - UGRD)

Units 1.0 (Law not elsewhere classified) Band 3

Pre-requisite: (LAW3204 or LAW5704) and (LAW3206 or LAW5706)

Succession law is an important area of legal practice as it deals with what happens to a person's estate on the death of that person, includ ing questions such as: 1.How are wills made, changed and interpret ed? 2.When and why should a testator's will be subject to challenge? 3.To what extent should a testator be obliged to make provision in his or her will for certain classes of people (such as spouses and children)? 4.What happens when a person dies without a will? 5.How is a deceased estate administered? In addition to considering these questions and the topics set out below, the course includes introduc tory skills in legal drafting and aims to give students a basic aware ness of some of the other relevant issues in this area, such as the proposals for uniform succession laws, taxation considerations and issues surrounding superannuation.

LAW3423 CRIMINAL LAW B (FOBUS - UGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW1202 and LAW2205

This course will build upon the understanding of the fundamental principles of criminal law and procedure acquired in Criminal Law A. Specifically the aim of the course will be to complete the criminal law picture by further exploring criminal law in Queensland. The course will focus on a range of indictable offences against the person that fall principally within the jurisdiction of the District and Supreme courts, and associated excuses and defences. The course will also cover: parties to offences; attempts; double jeopardy; the sentencing of se rious violent offenders; and advocacy.

LAW3441 NATURAL RESOURCES LAW (FOBUS - UGRD)

Units 0.0 (Law not elsewhere classified) Band 3

Pre-requisite: (LAW3203 and LAW3204) or (LAW5703 and LAW5704)

Today, the wealth of Australia ostensibly lies in its energy and natural resources, which are vast. These range from non-renewable oil, gas, coal, and uranium, to renewable geothermal, hydro, wind, solar, ocean, and bioenergy. Australia's energy and natural resources markets are both domestic and international, in particular engaging India and China. Coal seam gas is a topical issue for energy and re sources lawyers, especially in Queensland and New South Wales. Regulation of coal seam gas exploration, extraction, and consumption, is constantly changing. Energy and resources law addresses issues of regulation, parties, and interests. How do federal, state, and local governments balance the interests of mining companies, farmers, and Indigenous groups? What regulatory aspects of energy and re sources law do these governments affect? Energy and natural re sources law is an increasingly specialised field of legal practice. More is expected of the modern energy and resources lawyer than mere transaction work. Alternative dispute resolution is particularly impor tant. There is always the prospect of litigation, which is likely to in crease in frequency with the value of coal seam gas. This course also considers questions like: what power imbalances exist between par ties in negotiations? What is the Land Court? Who are the mining wardens? What are the Planning or Land and Environment Courts? Energy and resources law concludes with a view to the future. This field is changing. What regulation is required? What litigation is de served? Who is prepared to be an energy and resources lawyer?

LAW3442 WORKPLACE LAW (FOBUS - UGRD)

Units 1.0 (Legal Practice) Band 3

Pre-requisite: (LAW2202 or LAW5602) and (LAW2204 or LAW5604) and (LAW3201 or LAW5701)

The course provides a general introduction to many aspects of workplace law. Students will broadly examine the law relating to the employer/employee relationship, including: (i) the purposes of regu lation of employment and industrial relations; (ii) statutory regulation of the employment relationship and the bodies which regulate em ployment in Australia; (iii) categorising work relationships and recognising differences between an employment relationship and other types of work arrangements; (iv) basic employee entitlements and terms and conditions of employment; (v) sources of employment obligations - contracts, workplace agreements, statute and awards; (vi) collective bargaining and industrial action; (vii) enforcement of employment obligations; (viii) management of the employment rela tionship including performance management, disciplinary process, and controls on employment; (ix) workplace health and safety; (x) termination of employment, risks and remedies for termination; and (xi) workplace rights (including general protections). In addition to content, the course is designed to provide students with a practical, hands-on approach to various issues arising out of the employment relationship through a range of problem-solving exercises.

LAW3443 PUBLIC INTERNATIONAL LAW (FOBUS - UGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW2204 or LAW5604

International law is commonly referred to as the 'Law of Nations'. It shapes all international activity from trade to civilian air traffic to nu clear proliferation to climate change to human rights. This course will introduce some fundamental principles of international law and pro vide the framework for students to explore specific topics in interna tional law in further study.

LAW3461 CONSTITUTIONAL LAW B (FOBUS - UGRD)

Units 1.0 (Constitutional Law) Band 3

Pre-requisite: LAW3201

This course considers the Commonwealth's ability to pass laws in the area of race, immigration and aliens, as well as its financial powers. The trade and commerce power and corporations power are also considered. The course introduces human rights law in the context of Australian constitutional law.

LAW3463 PRIVATE INTERNATIONAL LAW (FOBUS - UGRD)

Units 1.0 (International Law) Band 3

Pre-requisite: LAW2202 and LAW2204 or LAW5602 and LAW5604

Private international law relates to litigation and private legal obliga tions that cross borders - whether national or state borders. The course includes the power of Australian courts to deal with interna tional and interstate litigation, opportunities for and restraints on forum shopping, and the enforcement of foreign and interstate judgments. It also involves choice of law: the principles by which a court will apply the law of another country or state in nominated fields of contract, tort, marriage and divorce, and property law.

LAW3464 INTERNATIONAL TRADE LAW (FOBUS - UGRD)

Units 1.0 (International Law) Band 3

Pre-requisite: LAW2204 or LAW5604

This course examines the impact of law on the enterprises that con duct international trade and business and on particular transactions entered into by such enterprises. The law concerning the formation and other aspects of international sales contracts pursuant to the Incoterms (latest version) and the CISG as well as the law relating to the international transport of goods by sea and international pay ments (documentary credits) will be examined. The course will also explore selected legal aspects of the World Trade Organisation and one particular regional grouping (namely the European Union). In addition, a study will be made of the law concerning some of the methods by which private international legal disputes are resolved.

LAW4401 CAPSTONE PROJECT (FOBUS - UGRD)

Units 1.0 (Business and Commercial Law) Band 3

The capstone project involves students undertaking a major project that involves initiative, organisation, research and other activities that may include analysis, problem-solving, reflection, written and oral communication, teamwork, interpersonal skills and ethical inquiry. Students will be required to make a selection from two or more cap stone projects. The course is intended to provide students with a capstone experience that requires and allows them to demonstrate detailed legal knowledge, together with various skills, in multiple areas as they prepare to complete and exit the law program.

LAW5201 COMMERCIAL LAW (FOBUS - PGRD)

Units 1.0 (Business and Commercial Law) Band 3

This course is designed to introduce students to the impact of law on business. To do this it commences with a review of the compo nents of the Australian legal system, the judicial process and the means by which disputes are resolved or litigated. Civil liability in contract law, negligence and other tortious actions are examined in some detail. Criminal law is also briefly covered as well as the law of agency.

LAW5206 CORPORATIONS LAW (FOBUS - PGRD)

Units 1.0 (Business and Commercial Law) Band 3

Pre-requisite: LAW5201

The objective of this course is to introduce students to the legal principles associated with partnerships, associations, trusts and corporations. In particular, students will be exposed to the Partnership Act and Corporations Law in detail and shall be required to be able to describe all appropriate legal principles dealing with such entities and the internal and external relationships thereof.

LAW5230 TAXATION LAW (FOBUS - PGRD)

Units 1.0 (Taxation Law) Band 3

Pre-requisite: (ACC5202 or ACC5502 or ACC5216 or ACC5218) and (LAW5206 or Master of Business students - equivalent course/equivalent experience).

In order to participate in the planning of a client's tax affairs it is necessary to understand the relevant sections of the appropriate taxation laws applicable to the transaction or entity structure. This course primarily introduces students to the Income Tax Assessment Acts (ITAA36 and ITAA97) and the Goods and Services Tax Act 1999 (GSTA). Topics covered include assessable income, residency, capital gains tax, allowable deductions, classes of taxpayers, calcu lation of tax payable and offsets/rebates of tax, tax administration provisions and the taxation of business entities. Goods and Services Tax is also covered in detail.

LAW5501 ADVANCED LEGAL PROCESS AND RESEARCH (FOBUS - PGRD)

Units 1.0 (Law) Band 3

Pre-requisite: Students must be enrolled in the Juris Doctor Program: DJUR

This course provides students with an introduction to the key skills necessary to undertake their substantive law courses, including how to read and analyse a case and how to interpret a statute. It also in cludes the development of skills relating to: legal citation, legal re search, problem-solving, and legal writing. These skills are explicitly taught and assessed throughout the course. Students will continue to build and develop these skills as they progress through other core courses in the Law program. The course also provides students with discipline specific knowledge relating to Australian legal institutions, sources of law, the passage of statutes through Parliament, and the development of the common law.

LAW5502 ADVANCED LAW IN CONTEXT (FOBUS - PGRD)

Units 1.0 (Law) Band 3

Pre-requisite: Students must be enrolled in the Juris Doctor Program: DJUR

It is important for those learning the skills of lawyers to understand that the law is part of the social fabric and reflects the views and values of the society in which it operates. This course is designed to introduce students to the law and skills required for lawyers. Students will learn to discuss and debate key legal concepts that relate to legal jurisprudence and principles underpinning the legal system such as the rule of law. Consideration of specific legal issues such as indige nous, multicultural, criminal activity, ethics, discrimination and gender and family issues will be covered. The course will engage students in the study of law.

LAW5504 COMPARATIVE LAW AND BUSINESS (FOBUS - PGRD)

Units 1.0 (Law) Band 3

Students will gain an overview of similarities and differences between selected legal systems, in so far as these impact on business trans actions. Particular issues to be discussed include the law of contracts, business structures and legal liability in a variety of legal systems.

LAW5601 ADVANCED CONTRACT A (FOBUS - PGRD)

Units 1.0 (Law) Band 3

Pre-requisite or Co-requisite: LAW5501

The law of contract is the basis of all commercial transactions. Stu dents will gain a broad theoretical understanding of the basis of the law of contract. Specifically the aim of this course is to equip students with the knowledge of the legal requirements for concluding contracts, the capacity of parties to enter in to contracts and the required content of a legally enforceable contract. Students will develop their research skills.

LAW5602 ADVANCED CONTRACT B (FOBUS - PGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW5601

This course continues to expand the students' knowledge of contract law. This course will build upon the understanding of the principles of the law of contract gained in LAW5601 Advanced Contract A. Specifically the aim of this course is to equip students with further contract law knowledge, in particular that concerning statutory vitiating factors, the manner in which contracts may be performed and dis charged, the legal remedies available in the event of a breach or non-performance of a contract, other aspects of the impact of various statutes on contracts, and contracts for the international sale of goods. Students will also further develop their research skills.

LAW5603 ADVANCED TORTS A (FOBUS - PGRD)

Units 1.0 (Law) Band 3

Pre-requisite or Co-requisite: LAW5501

The law of civil wrongs, known as torts, sets the standards of be haviour between members of society. The aim of this course is to introduce students to the theoretical basis on which the law of tort in general has developed and, in particular, the tort of negligence. Stu dents will gain an understanding of the circumstances in which an action for the tort of negligence may lie, the elements of the cause of action, the remedies available and possible defences to the action. Students will critically consider contentious current tort issues.

LAW5604 ADVANCED TORTS B (FOBUS - PGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW5603

This course broadens the students' knowledge of the extent of the civil obligations imposed by the law of torts. It will build upon the un derstanding of the principles of the law of torts gained in Torts A. Students will gain an understanding of a variety of negligence torts, the possible defences to them and the principle of vicarious liability. The course will also examine a number of other representative torts including nuisance and nervous shock.

LAW5605 ADVANCED CRIMINAL LAW A (FOBUS - PGRD)

Units 1.0 (Law) Band 3

Pre-requisite or Co-requisite: LAW5501

Criminal law sets the limits which society, through the government, imposes on acceptable behaviour. The limits are set to provide the basis of a safe environment in which people can lead productive lives. Going beyond those limits can result in drastic consequences for the individual within the criminal law regime. This course will intro duce students to the fundamental principles that underlie criminal law in Queensland. It will also introduce students to criminal proce dure, with a focus on Queensland Magistrate and District Court trials; a selected range of criminal law offences and defences, and general principles of sentencing in Queensland. The course is designed to take students on the journey through the criminal process from arrest through to appeal, with a focus on some processes and offences likely to be encountered by commencing criminal law practitioners. Criminal law B will build upon the foundations laid in this course.

LAW5606 ADVANCED CRIMINAL LAW B (FOBUS - PGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW5605

This course will build upon the understanding of the fundamental principles of criminal law and procedure acquired in Criminal Law A. Specifically the aim of the course will be to complete the criminal law picture by further exploring criminal law in Queensland. The course will focus on a range of indictable offences against the person that fall principally within the jurisdiction of the District and Supreme courts, and associated excuses and defences. The course will also cover: parties to offences; attempts; double jeopardy; the sentencing of se rious violent offenders; and advocacy.

LAW5607 ADVANCED COMPANY LAW (FOBUS - PGRD)

Units 1.0 (Business and Commercial Law) Band 3

Pre-requisite: LAW5705

Companies are the business form of choice which dominate the commercial landscape. The variety, size and structure of companies varies greatly. The object of this course is to provide students with an overview of the major principles and mechanisms of company law. On completion of this course, students will have sufficient legal information concerning choice of the corporate business form, includ ing formation and characteristics of a company; the corporate consti tution; corporate finance, share structure and membership; constitu tion and powers of corporate organs (board and general meeting); corporate authority; corporate governance including directors' duties; shareholders' remedies; and administration and winding up of the company.

LAW5701 ADVANCED CONSTITUTIONAL LAW A (FOBUS - PGRD)

Units 1.0 (Constitutional Law) Band 3

Pre-requisite: LAW5502 and LAW5606

The constitutions of Australian governments are the basis by which power may be exercised over the citizens of the nation. Understanding the limits of those powers and the way the various government levels interact is the basis of understanding law making in Australia. Stu dents will become familiar with the Commonwealth and State Consti tutions, including the division of powers between different levels of government in Australia's federal system, the settlement of disputes between Federal and State Governments over which of them has power to make laws in particular areas, and the role of the High Court in the interpretation of the Constitution. Limits to law making powers will be considered. Students will be asked to consider to what extent interpretation of the Constitution should evolve as the needs of society change, and to critically reflect on the development of Australian constitutionalism since federation.

LAW5702 ADVANCED ADMINISTRATIVE LAW (FOBUS - PGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW5602 and LAW5701 Pre-requisite or Co-requisite: LAW5706

Government departments and officials constantly make decisions that affect the rights of individuals. Administrative law is the body of common law, statute law and procedural rules through which govern ment institutions and bureaucratic actions are supervised and regu lated. This course examines the rights of individuals to challenge government decisions and actions and considers the kinds of pro cesses that government bodies need to follow in order to be seen to have followed correct process. Students will be asked to evaluate the effectiveness of administrative law principles and institutions in ensuring good and transparent decision-making by governments.

LAW5703 ADVANCED PROPERTY LAW A (FOBUS - PGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW5501

Possession and transfer of property of all types has been and contin ues to be a source of wealth and the primary activity of commercial and private endeavour. The legal rules that determine how these transactions take place are vital for ensuring stability. This course is designed to introduce students to the concepts of property and basic principles of property law. Students will gain an awareness of con cepts of real and personal property and principles governing the possession, creation and transfer of interests in property, tenures and estates in co-ownership. The recognition of native title and sub sequent case law and legislation will be examined, as will concepts of Crown land and leasehold. Students will debate contemporary property law issues.

LAW5704 ADVANCED PROPERTY LAW B (FOBUS - PGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW5703

This course continues the study of property law commenced in Ad vanced Property Law A. It looks at particular issues of real property law in greater depth which are important to understanding the practical and commercial context of property transactions. Topics covered will include the concept of land, fixtures, torrens title land, unregistered interests, mortgages, easements and other encumbrances and leases.

LAW5705 ADVANCED EQUITY (FOBUS - PGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW5501

No study of law is complete without an understanding of the area of law which lessens and ameliorates the harsh impacts of common law rules. This course aims to provide a theoretical framework for the underlying fundamental principles of the law of Equity. The mate rial will explore the historical development of equity, its relationship with the common law and an analysis of its current applications. Students will have an appreciation for its special characteristics and discretionary nature. The course will examine the practical application of equitable actions and remedies. In particular, a focus will be the manner in which equity may intervene in the application of more strict common law rights. Finally, students may be expected to be able to critique recent developments and comment on the direction of its principles to deal with new circumstances.

LAW5706 ADVANCED TRUSTS (FOBUS - PGRD)

Units 1.0 (Law) Band 3

Pre-requisite: LAW5602 and LAW5705

The use of trusts as a business form continues to be popular while at the same time trusts provide a sources of rights and responsibilities in many contexts. The purpose of this course is to introduce students to the nature of trusts and the various forms they may take. This will build on the basic principles of equity and fiduciary relationships covered in the Equity course. The focus will be on trusts which may be expressly created for commercial or personal use, and trusts created by operation of law or for remedial purposes. The course will be practical in the sense that it will require students to be able to identify the duties and obligations of all parties within the trusts rela tionship and consider all potential legal risks and liabilities. In partic ular consideration will be given to the manner in which trustees and trusts may deal with other parties.

LAW5708 ADVANCED EVIDENCE (FOBUS - PGRD)

Units 1.0 (Law not elsewhere classified) Band 3

Pre-requisite: LAW5502 and LAW5605

Evidence law concerns the rules and principles that govern what in formation can be used in court proceedings, who can use it and how it can be used. These rules pervade the operation of all areas of law in which an issue may come before a court for determination. Therefore, understanding the rules of evidence is critical for all lawyers practising in a field in which disputes of fact may arise. This is effec tively any area of law. Criminal cases are the most heavily governed by laws of evidence, but these rules are also important for civil law, including contractual disputes, claims for damages for negligence and defamation. Although evidence law is largely procedural, its ap plication can have a profound effect on the outcome of a case. In particular, rules governing admissibility determine the evidence juries are allowed to hear and judges are permitted to take into account when reaching a verdict or deciding a fact in issue. This course ex amines those rules, including the rationales for their existence. Like laws in general, evidence law is a balance of competing considera tions. These rules attempt to reconcile the court's inquiry for the truth on disputed issues with considerations of expediency, reliability, fairness and other public policy considerations. Social and ethical questions arise throughout the course. Students will learn about the trial process as well as how witnesses are allowed to deliver testimo ny, rules of admissibility, including exclusionary rules and judicial discretions. The various forms of privilege from giving evidence will be considered, especially legal professional privilege, knowledge of which is essential for any students intending to practise in the legal profession. The course will focus on the rules of evidence applicable in Queensland under the common law and Evidence Act 1977 (Qld). The comparable federal regime covered by the Evidence Act 1995 (Cth) will also be considered. The information studied in this course is practical and aims to give students practical knowledge and skills to assist them in becoming competent practitioners.

LAW5709 ADVANCED PROCEDURE (FOBUS - PGRD)

Units 1.0 (Law not elsewhere classified) Band 3

Pre-requisite: LAW5602 and LAW5706 and LAW5712 Pre-requisite or Co-requisite: LAW5702

This course aims to familiarise students with the theoretical issues that underpin private civil litigation, as well as the processes that must be following in commencing, conducting, and finalising civil disputes in the Queensland and Federal courts. Students will also be exposed to alternative dispute resolution ("ADR") methodologies, and will consider the circumstances in which ADR is more appropriate than a progression to trial. Following successful completion of this course, students will understand the various steps that are taken to progress civil litigation, and will be familiar with the applicable statutes and rules; in particular the key provisions of the Uniform Civil Proce dure Rules 1999 (Qld) ('UCPR'). This is a practically focussed course, designed to assist future practitioners in confidently solving litigation related problems utilising best practice.

LAW5711 ADVANCED LEGAL PROFESSIONAL PRACTICE AND ETHICS (FOBUS - PGRD)

Units 1.0 (Legal Practice) Band 3

Pre-requisite: LAW5502 and LAW5605 and LAW5704 Pre-requisite or Co-requisite: LAW5708

The course deals with the nature of legal practice, and involves further study of philosophies of applied ethics in legal practice. It includes skills exercises in letter drafting, and accounting for client money. Topics studied include the regulation of the legal profession; admis sion and discipline; engagement; billing; and responsibilities in relation to client money, the conduct of litigation and advocacy, competence and careful practice, confidences, and loyalty to clients. It also deals with civility and courtesy in dealings with clients and other lawyers.

LAW5712 ADVANCED CONSTITUTIONAL LAW B (FOBUS - PGRD)

Units 1.0 (Constitutional Law) Band 3

Pre-requisite: LAW5701

This course considers the Commonwealth's ability to pass laws in the area of race, immigration and aliens, as well as its financial powers. The trade and commerce power and corporations power are also considered. The course introduces human rights law in the context of Australian constitutional law.

LAW5713 ADVANCED CAPSTONE PROJECT (FOBUS - PGRD)

Units 1.0 (Law) Band 3

The advanced capstone project involves students undertaking a major project that involves initiative, organisation, research and other activities that may include analysis, problem-solving, reflection, written and oral communication, teamwork, interpersonal skills and ethical inquiry. Students will be required to make a selection from two or more capstone projects. The course is intended to provide students with a capstone experience that requires and allows them to demonstrate detailed legal knowledge, together with various skills, in multiple areas as they prepare to complete and exit the law pro gram.

LAW8074 PROJECT LEGAL ISSUES (FOBUS - PGRD)

Units 1.0 (Business and Commercial Law) Band 3

The course examines the following: (1) an introduction to law in the context of projects, (2) nature of the parties involved in projects, in cluding individuals and incorporated bodies, (3) the nature of partner ships, joint ventures and other alliances, (4) the law of torts, (5) legal issues associated with tendering, (6) formation of contracts, (7) management of contracts, (8) resolution of contractual disputes, (9) intellectual property law, (10) consumer protection and trade practices, (11) property-related law including ownership and occupation, and (12) planning laws and building legislation. The course is structured to provide a broad overview of the legal issues associated with a wide range of projects.

LAW8118 INTERNATIONAL BUSINESS LAW (FOBUS - PGRD)

Units 1.0 (International Law) Band 3

This course examines the impact of law on the enterprises that con duct international business and on particular transactions entered into by such enterprises. The law concerning the formation and other aspects of international sales contracts pursuant to the CISG as well as the law relating to the international transport of goods by sea and international payments (documentary credits) will be examined. The course will also explore selected legal aspects of the World Trade Organisation and one particular regional grouping (namely the Euro pean Union). In addition, a study will be made of the law concerning some of the methods by which private international legal disputes are resolved.

LIN5000 THE NATURE OF LANGUAGE (FOEDU - PGRD)

Units 1.0 (English as a SecLangTeach) Band 5

Students will be introduced to what language is, how it can be de scribed in terms of phonology, semantics and syntax, and how the meaning is realised in actual usage. They will be also introduced to some recent theories of language. NOTE: Minimum enrolment num bers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

LIN5003 SYLLABUS DESIGN AND MATERIALS WRITING (FOEDU - PGRD)

Units 1.0 (English as a SecLangTeach) Band 5

This course introduces students to principles of course design and looks at a number of frameworks for development of language teaching/learning material. The course will look at the inter-relation ships between theory of language, theory of learning, aims of syllabi, the social and personal contexts of student learning. It will also exam ine a number of different frameworks within which syllabus design is embedded and which determine the ways materials might be devel oped. Students will also be introduced to issues in language assess ment as a way of evaluating the effectiveness of a course. Students will be asked to prepare a "course of work" based on principles en countered in the program, to teach the course to a group of learners and to evaluate the success of their course of work.

LIN8001 PRINCIPLES OF SECOND LANGUAGE LEARNING (FOEDU - PGRD)

Units 1.0 (English as a SecLangTeach) Band 5

The course emphasises recent research in second language acqui sition and the theoretical issues underlying such research in terms of (a) various approaches to assessing and describing learner lan guage; (b) the notion of "interlanguage"; (c) the question of transfer from first language in SLL; (d) cognitive processes and strategies involved in second language learning and communication; (e) individ ual learner characteristics, learning and environment; (f) social and cultural factors affecting L1 and L2 use; (g) consideration of the im plications of SL learning research and theory for language teaching. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

LIN8002 METHODOLOGY IN TEACHING A SECOND LANGUAGE (FOEDU - PGRD)

Units 1.0 (English as a SecLangTeach) Band 5

This course links theory with practice in teaching the four macroskills: listening, speaking, reading and writing with vocabulary and grammar incorporated. Language learning objectives and outcomes are based on a student learning orientation aimed at developing communicative competence in contexts that are socially and culturally relevant. Principles of second language teaching methodology are grounded in principles of second language learning that are addressed in the LIN8001 course and are assumed knowledge for this course. It is highly recommended that LIN8001 be studied prior to LIN8002.

LIN8006 COMPUTER-ASSISTED LANGUAGE LEARNING (FOEDU - PGRD)

Units 1.0 (English as a SecLangTeach) Band 5

This course provides language teachers with an introduction to theory and practice of CALL. Course topics include theoretical bases for CALL; current trends and issues of CALL research; language teach ers' roles in CALL environments; the development and use of CALL applications such as multimedia / hypermedia materials and Internet tools; and strategies for integrating CALL into second language pro grams. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

LIN8007 LANGUAGE TESTING (FOEDU - PGRD)

Units 1.0 (English as a SecLangTeach) Band 5

The course will introduce students to the different types of language tests and forms of language assessment techniques and their pur poses. It will look at how language proficiency is measured and the ways scores are interpreted. It will also discuss the criteria for good tests: reliability and validity. Students will have practice in devising their own test packages in which they will demonstrate their under standing of the principles of second language testing.

LIN8015 INTRODUCTION TO SOCIOLINGUISTICS (FOEDU - PGRD)

Units 1.0 (Linguistics) Band 1

Language is inextricable from the society in which it is used. This course provides students with an overview of the most relevant topics concerned with language and society, as well as language and cul ture. It provides educators, applied linguists and language teachers with an understanding of the social aspects of language, including the most topical issues of language planning and policy, societal as pects of language use, attitudes towards social dialects and other language varieties. This course is useful not only for teachers and educators but also for those who take advocacy in maintaining native and community languages, including language program managers at institutional as well as national levels. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

LIN8017 BILINGUALISM AND BILINGUAL EDUCATION (FOEDU - PGRD)

Units 1.0 (English as a SecLangTeach) Band 5

This course looks at bilingualism from three main perspectives: 1. Psycholinguistic; 2. Socio-psychological; and 3. Educational. The course covers the following topics: Definitions of bilingualism; individ ual and societal bilingualism; the measurement of bilingualism; the psycholinguistic aspects of bilingual language acquisition and lan guage processing; code-switching, bilingualism and cognition; types of bilingual education.

MAC1901 MATHEMATICS FOR TEACHERS (FOSCI - UGRD)

Units 1.0 (Mathematics) Band 6

Students will be able to develop and extend their knowledge and understanding of mathematics and school mathematics through a variety of experiences involving problem solving, mathematical communication, reasoning and connecting mathematics, its ideas and its applications in the world around us. By working collaboratively and independently, students will be encouraged to think mathemati cally, and through many success experiences, gain confidence in solving mathematical problems. The content of the course will include the following topics: measurement and geometry; number and alge bra; statistics and probability.

MAR8001 MASTERS DISSERTATION A (FOART - PGRD)

Units 2.0 (Studies in Human Society) Band 1

Pre-requisite: Students must be enrolled in the following Program: MSTA

This 2 unit course enables students enrolled in the Masters program to commence their dissertation under supervision. The dissertation shall consist of a 20,000 word assignment on a topic chosen by the student and approved by the supervisor, and may be either the result of original investigations, or embody a critical appraisal or analysis of primary or secondary source material. This course must be taken only with MAR8002 (in separate semesters).

MAR8002 MASTERS DISSERTATION B (FOART - PGRD)

Units 2.0 (Studies in Human Society) Band 1

Pre-requisite: Students must be enrolled in the following Program: MSTA

This 2 unit course enables students enrolled in the Masters to com plete their dissertation under supervision. This course is a continuation of the work commenced in MAR8001. This course must be taken only with MAR8001 in separate semesters. The dissertation shall be 20,000 words in length.

MAR8003 MASTERS PROJECT A (FOART - PGRD)

Units 2.0 (Studies in Human Society) Band 1

The emphasis will be primarily on creative practice in order to identify and articulate significant discoveries made through experiential methodologies to increase Masters-level discipline expertise: formal academic writing is expected and professional industry-standards are also expected in the practice components. Management of projects will be of chief importance in order to maximise students' quality and effectiveness. Projects should enhance the reputation of the School of Creative Arts and aim for hybridity across creative dis ciplines.

MAR8004 MASTERS PROJECT B (FOART - PGRD)

Units 2.0 (Studies in Human Society) Band 1

The emphasis will continue to be primarily on creative practice in order to identify and articulate significant discoveries made through experi ential methodologies to increase Masters-level discipline expertise: formal academic writing is expected and professional industry-stan dards are also expected in the practice components. Management of projects will be of chief importance in order to maximise students' quality and effectiveness. Projects should enhance the reputation of the School of Creative Arts and aim for hybridity across creative dis ciplines.

MAR8005 DISSERTATION, EXEGESIS OR PROJECT (FOART - PGRD)

Units 2.0 (Studies in Human Society) Band 1

Pre-requisite: 4 units of completed Postgraduate Study and minimum GPA 5, or approval of Examiner.

Students will undertake a written research dissertation (10,000 words) or a project (5,000 words or equivalent in creative work, plus a written exegesis of 5,000 words). This is an opportunity to work under the guidance of an academic supervisor, and to undertake structured research. The written work may be presented in the format of a re search-based paper for publication in an approved academic or pro fessional journal. For creative projects, the creative work can be in the form of exhibition, performance, literary work, film, or other ap proved format. The exegesis should describe the research process, explain the creative work and place the creative practice undertaken in context. Students should identify and contact a staff member in the appropriate discipline area as soon as possible to discuss an appropriate topic, PRIOR to submitting their project proposal for this course.

MAT1000 MATHEMATICS FUNDAMENTALS (FOSCI - UGRD)

Units 1.0 (Mathematics) Band 6

This course develops fundamental mathematical concepts for many fields of study. Topics included are: basic arithmetic, measurement, basic algebra, functions and graphing, exponential, logarithmic and trigonometric functions. Skills are developed in reading, writing and communicating mathematical and quantitative information effectively in a range of settings.

MAT1001 BUSINESS MATHEMATICS FUNDAMENTALS (FOSCI - UGRD)

Units 1.0 (Mathematics) Band 6

This course provides a basic foundation for the mathematics encoun tered in tertiary programs in business and accounting. Topics included are: real numbers, fractions, powers and exponents, basic algebra, functions including linear, quadratic, exponential and logarithmic functions and their graphs, and introductory linear programming in cluding systems of equations and inequalities.

MAT1008 BUILDING PROFESSIONAL NURSING ATTRIBUTES B (FOSCI - UGRD)

Units 0.5 (General Nursing) Band 4

Pre-Requisite: Students must be enrolled in the following program: BNUR Co-Requisite: CMS1008

This course provides nursing students with a sound understanding of numeracy and its diverse use in the health profession, including the use of numbers for measuring medications and rates of delivery. The students are also expected: to understand the concepts of ratio and proportion and the use of units; to be able to reliably carry out calculations for medical purposes; and to interpret charts, graphs and tables. Students will also be expected to understand the univer sity learning management system, computer-based communication, management and storage of information, to have good word process ing skills and how to create presentations. The course will be closely linked to other courses in the first year nursing program.

MAT1100 FOUNDATION MATHEMATICS (FOSCI - UGRD)

Units 1.0 (Mathematics) Band 6

Assuming current skills at the level of Queensland Senior Secondary School Studies Mathematics B, this course strengthens and further develops algebra, functions, trigonometric, exponential, logarithmic and graphing competencies, and introduces matrices, vectors and calculus. Emphasis is placed on developing strong foundation mathematical skills in these areas for use in tertiary studies, and on exploring and applying these skills to a range of contexts.

MAT1101 DISCRETE MATHEMATICS FOR COMPUTING (FOSCI - UGRD)

Units 1.0 (Mathematics) Band 6

This course introduces the basic elements of discrete mathematics which provide a foundation for an understanding of algorithms and data structures used in computing. Topics covered include number systems, logic, relations, functions, induction, recursion, Boolean al gebra and graph theory.

MAT1102 ALGEBRA AND CALCULUS I (FOSCI - UGRD)

Units 1.0 (Mathematics) Band 6

It is assumed that students entering this course have up-to-date Qld Maths B competencies, that is, well-established algebra, function, graphing and trigonometry competencies, and introductory level skills in matrices, vectors and calculus. This course advances conceptual and technical competencies in these fields by investigating limits, continuity, inverse functions, compositions, rational functions and implicit functions. Calculus concepts, differentiation and integration are advanced and used in problem-solving applications. Vector alge bra is extended and applied to the description of lines and planes in space. Matrix algebra is extended to determinants, and used for modelling and to solve systems of linear equations in a range of settings. Euler notation is used to represent complex numbers and functions.

MAT1200 OPERATIONS RESEARCH 1 (FOSCI - UGRD)

Units 1.0 (Mathematics) Band 6

This course focuses on the model development, analytical techniques and the background mathematics necessary for the solution and post-optimal analysis of linear programming, integer programming, transportation, assignment, network, and critical path problems.

MAT1500 ENGINEERING MATHEMATICS 1 (FOSCI - UGRD)

Units 1.0 (Mathematics) Band 6

Assuming current skills at the level of Queensland Senior Secondary School Studies Mathematics B, this course strengthens and further develops algebra, function, trigonometric, exponential, logarithm and graphing competencies, and introduces matrices, vectors and calcu lus. Emphasis is placed on developing strong foundation skills in these areas for use in Engineering studies and on exploring and ap plying these skills to a range of engineering and surveying contexts.

MAT1502 ENGINEERING MATHEMATICS 2 (FOSCI - UGRD)

Units 1.0 (Mathematics) Band 6

Pre-requisite: Only Students enrolled in Program BENG must have done MAT1500 or MAT1100

It is assumed that students entering this course already have well-established algebra, function, graphing and trigonometry competen cies, and have already developed introductory level skills in matrices, vectors and calculus. This course advances conceptual and technical competencies in these fields by investigating limits, continuity, inverse functions, compositions, rational functions and implicit functions. Differentiation and integration are advanced and used in engineering applications and problem-solving. Vector algebra is extended and applied to the description of lines and planes in space. Matrix algebra is extended to determinants, and used for modelling and to solve systems of linear equations in a range of settings. Euler notation is used to represent complex numbers and functions.

MAT2100 ALGEBRA AND CALCULUS II (FOSCI - UGRD)

Units 1.0 (Mathematics) Band 6

Pre-requisite: (MAT1102 or MAT1502) or Students must be enrolled in one of the following Programs: MSBI or GCEN or GDET or METC

Module 1 is an introduction to ordinary differential equations (ODEs) and series including direction fields, Euler's method, first order sepa rable ODEs, first and second order linear ODEs with constant coeffi cients, Taylor and Fourier series. Module 2 covers multivariable cal culus including representation of functions of several variables, sur faces and curves in space, partial differentiation, optimisation, direc tional derivatives, gradient, divergence and curl, line integrals of the 1-st and 2-nd kinds, iterated integrals, Green's theorem. Module 3 extends the linear algebra of MAT1102 Algebra and Calculus 1 to cover eigenvalues and eigenvectors, vector space, bases, dimen sions, rank, systems of linear equations, symmetric matrices, trans formations, diagonalisation with applications.

MAT2409 HIGH PERFORMANCE NUMERICAL COMPUTING (FOSCI - UGRD)

Units 1.0 (Mathematics) Band 6

Pre-requisite: CSC1401 and MAT1102 or Students must be enrolled in one of the following Programs: MPIT or MCOT or MCTE

This course develops skills in programming modern high performance computers. It examines some of the typical hardware architectures and how they affect performance and programming. Algorithms to illustrate the principles are chosen from a range of scientific tasks. The course includes the study of numerical solutions of linear and non-linear equations, numerical interpolation and curve fitting, the numerical solution of ordinary differential equations, and Monte Carlo simulation. Interaction utilising modern graphics is exploited.

MAT2500 ENGINEERING MATHEMATICS 3 (FOSCI - UGRD)

Units 1.0 (Mathematics) Band 6

Pre-requisite: MAT1102 or MAT1502 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MENS

Module 1 is an introduction to ordinary differential equations (ODEs) and series including direction fields, Euler's method, first order sepa rable ODEs, first order and second order linear ODEs with constant coefficients, Taylor and Fourier series. Module 2 covers multivariable calculus including representation of functions of several variables, surfaces and curves in space, partial differentiation, optimisation, di rectional derivatives, gradient, divergence and curl, line integrals of the 1-st and 2-nd kinds, iterated integrals, Green's theorem. Module 3 extends the linear algebra of MAT1502 Engineering Mathematics 2 to cover eigenvalues and eigenvectors, vector space, bases, dimen sions, rank, systems of linear equations, symmetric matrices, trans formations, diagonalisation with applications. Engineering applications are discussed in each module.

MAT3103 MATHEMATICAL MODELLING AND DYNAMICAL SYSTEMS (FOSCI - UGRD)

Units 1.0 (Mathematics) Band 6

Pre-requisite: MAT2100 or MAT2500

The course uses mathematical tools introduced in pre-requisite studies to model a variety of realistic phenomena surrounding us in everyday life and introduces calculus of variations for optimisation problems. The course emphasises the importance of the dimensional analysis and demonstrates the close connection between phase-plane concept and qualitative analysis of solutions of ODE. The basics of technical communication in the mathematical sciences are devel oped throughout the course. This course is offered only in even-numbered years.

MAT3105 HARMONY OF PARTIAL DIFFERENTIAL EQUATIONS (FOSCI - UGRD)

Units 1.0 (Mathematics) Band 6

Pre-requisite: MAT2100 or MAT2500

This course establishes properties of the basic partial differential equations (PDEs) that arise commonly in applications such as the heat equation, the wave equation and Laplace's equation. It also develops the mathematical tools of Fourier transforms and special functions necessary to analyse such PDEs. The theory of infinite series is used to introduce special functions for solutions of ODEs and the general Sturm-Louiville theory. A modelling part introduces the use of partial differential equations to mathematically model the dynamics of cars, gases and blood. The analysis is based upon conservation principles, and also emphasises mathematical and physical interpretation. Nonlinear PDEs are introduced and discussed. This course is offered only in even numbered years.

MAT8180 MATHEMATICS/STATISTICS COMPLEMENTARY STUDIES A (FOSCI - PGRD)

Units 1.0 (Mathematical Sciences not else) Band 6

This course provides the opportunity for a student to pursue an area of study that will complement the other studies in the student's pro gram. Typically the course will consist of specialized investigations extending knowledge and skills in a certain area. The studies could involve, for example, directed readings, extension of the project (where appropriate), or some other approved activity which would complement the student's studies in the program.

MAT8190 MATHEMATICS/STATISTICS COMPLEMENTARY STUDIES B (FOSCI - PGRD)

Units 1.0 (Biological Sciences not elsewh) Band 6

Contact the Examiner to study this course by distance education. This course provides the opportunity for a student to pursue an area of study that will complement the other studies in the student's pro gram. Typically the course will consist of specialized investigations extending knowledge and skills in a certain area. The studies could involve, for example, directed readings, extension of the project (where appropriate), or some other approved activity which would complement the student's studies in the program.

MBA8000 BUSINESS ETHICS AND SUSTAINABILITY (FOBUS - PGRD)

Units 1.0 (Business and Management) Band 3A

The fundamental role of business is to benefit society through the provision of value-adding products and services. Unfortunately, we are becoming increasingly aware of business activities that not only fail to benefit society, but cause it enormous harm. Whilst some harmful activities are intentional, many aren't, but are the conse quence of unforeseen outcomes. Studying ethics can never make deliberately malicious people behave better, but it can help the well-intentioned make decisions that are less harmful to society. We adopt an optimistic perspective, arguing that by and large, people are fun damentally well-intentioned and do their best with the knowledge they have, and when they know "better", they do better. This course is about helping people know better by raising their moral imagination so they can consider a variety of possibilities of moral consequences to their decisions and develop the ability to imagine a wide range of possible issues, consequences and solutions. This challenging study first introduces students to various ethical frameworks, which it then applies to various business contexts, enabling them to better under stand the complexity of ethical decision-making in today's global business environment. Ethics is a most engaging and highly stimulat ing area of investigation and this course only serves to introduce you to the field in anticipation that wanting to "know better" will be the life-long pursuit of USQ business graduates.

MEA1000 ELEMENTS OF MULTIMEDIA (FOART - UGRD)

Units 1.0 (Audio Visual Studies) Band 1

Against a background of "single-media" communication conventions, students are introduced to a range of communication problems posed by multimedia. With reference to a range of existing examples, stu dents are challenged to develop and rationalise guidelines for applying the technology to specific multimedia project tasks. Students are encouraged to test their conclusions experimentally during tutori als/workshops in which they will be introduced progressively to a small number of standard professional multimedia tools using image manipulation and authoring software.

MEA1001 SINGLE CAMERA PRODUCTION (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: MEA1002

The course introduces students to basic camera, lighting and sound skills required for an independent filmmaker while working collabora tively with a team. Through screenings, discussions and practical application students will be encouraged to identify, analyse and create visual narrative. The course requires students to demonstrate con ceptual practices and problem solving skills, and to produce a finished original short digital narrative production.

MEA1002 CREATIVE EDITING (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Students will develop an understanding of video editing techniques for Creative Arts, TV, film, and web, using different video formats, compressing techniques, and file formats for the deployment of video footage into creative Media production. Students well also learn dig ital processing techniques, editing methods, and colour grading. Presentational contexts will be considered for the specific require ments of video in creative Media Arts and Multimedia production.

MEA1003 AUDIO PRODUCTION (FOART - UGRD)

Units 1.0 (Journalism) Band 1

This course is designed to make students familiar with the use of

MEA1004 CINEMATIC LANGUAGE (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Building on an acquired understanding of the elements of film tech nique, students will address questions of narrative, form, style and genre and a consideration of film as social and cultural document. Cinematic Language will broaden a student's notion of cinema, aims to expand their notions of what film might be, and develops their knowledge of the medium.

MEA2000 SCRIPTWRITING (FOART - UGRD)

Units 1.0 (Journalism) Band 1

The core of this course will be the emphasis placed on the student's own writing. Students will generate scripts to develop a good under standing of the writer's methods in storytelling as it relates to the media industry. The subject enriches the student's comprehension of the creative process necessary to the generation of fiction and non-fiction works.

MEA2001 LOCATION SOUND AND IMAGE (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: MEA1001 and MEA2003 Co-requisite: MEA2006

Students will learn via practical exercises skills such as video compo sition, manual focus, exposure, white balance, coverage require ments, location survey needs, types of microphones and external audio sources, exterior lighting and camera care. Emphasis will be on achieving industry standard production.

MEA2002 SCREEN AESTHETICS (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: MEA1000

This course is designed for students wishing to gain an understanding of set design, project planning and business practices. Screen aes thetics focuses on the principles and practices of set design and management in a traditional medium moving through to modern in dustry practices. It is designed to focus on achieving quality results in a project studio and location environment.

MEA2003 THROUGH THE LENS (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: MEA1001 and MEA1002

Using production elements such as scenery; green-screen; lighting for set, mood and effect; and advanced studio camera techniques, students will experience typical studio television production roles while developing skills in working with actors and hosts.

MEA2004 ANIMATION (FOART - UGRD)

Units 1.0 (Audio Visual Studies) Band 1

Pre-requisite: MEA2005

Students will utilize problem solving techniques relevant to real world digital production environments to demonstrate the ability to develop visual ideas rapidly and effective utilising computer graphics tools to produce animated outcomes from first principles. This will require an understanding of the animation production process from both histor ical and future standpoints in both practical and theoretical situations.

MEA2005 2D AND 3D MODELLING (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: MEA1000

A comprehensive, specialist course designed to develop the profes sional skills of digital artists through production-focused learning. Students are encouraged to test their conclusions experimentally during tutorials/workshops in which they will be introduced progres sively to a small number of standard professional multimedia tools utilizing both image manipulation and modelling programs.

MEA2006 SOUND AND MIX (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: MEA1001 and MEA1002 Co-requisite: MEA2001

This course is designed for students wishing to gain a more advanced understanding of the audio and vision mixing process. This course will suit storytellers with high level skills, ideally with industry experi ence who are ready to extend their creative skills and acquire profes sional production experience.Sound & Mix focuses on the principles and practices of advanced mixing techniques in a post-production environment Students will acquire problem solving techniques relevant to real production environments. . . Practical examples involve looking closely at, and dealing hands on with problems and situations. Stu dents will be taught to respond professionally to feedback and to develop collaborative skills and relationships. It requires students to have already gained a basic understanding and application of audio and vision, studio and field recording as well as basic editing practices Through lectures,& tutorials students will explore the creative and technical aspects of mixing sound and vision as they produce their own productions.

MEA3000 ADVANCED SCREEN MEDIA (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: MEA2001

This course will involve students in community engagement projects working on client inspired productions that have relevance to both the student and the client. This will extend the students communica tion and creative group skills, also providing vocational experience and contacts. From story conception, visualization and then through development, planning, shooting and editing, students will utilise the full range of contemporary production practice, and then blend this with multimedia product (2D, 3D, animation and online) and production genres, such as factual, live event broadcasting (arts based commu nity events) and television drama, to provide alternative packaging and distribution outlets.

MEA3001 DIGITAL ART STUDIO (FOART - UGRD)

Units 1.0 (Audio Visual Studies) Band 1

Pre-requisite: MEA2004

Students will utilize problem solving techniques relevant to real world digital production environments to demonstrate the ability to develop visual ideas rapidly and effective utilising computer graphics tools to produce new media projects. This course includes an advanced study in the digital arts and allows students to explore and rationalise guidelines for applying the technology to specific multimedia project tasks. Students are encouraged to test their conclusions experimen tally during tutorials/workshops in which they will be introduced pro gressively to a small number of standard professional multimedia tools using image manipulation and authoring software.

MEC1201 ENGINEERING MATERIALS (FOENS - UGRD)

Units 1.0 (Materials Engineering) Band 2

Materials science and engineering course has come into its own as a field of endeavour during the past 25 years. The central theme in this development is the concept that the properties and behaviour of a material are closely related to the internal structure of that material. The properties (which may be regarded as the responses of the material to its immediate environment) are functions of: (i) the kinds of atoms present and the type of bonding among them, and (ii) the geometrical arrangement of large numbers of atoms, microstructure and macrostructure. As a result, in order to modify properties, appro priate changes must be made in the internal structure. Also, if pro cessing or service conditions alter the structure, the characteristics of the material are altered. Over the same period, noticeable changes have taken place in the teaching of engineering materials to the en gineering students. Previously, elementary courses emphasised on the mechanical properties of materials with long dull lists of chemical specifications and descriptions of processing. More recently, elemen tary courses seek to provide a thorough grasp of the structures en countered in the principal families of materials - metals, ceramics and polymers - and then to show how the properties of important engineering materials depend on these structures. This course seeks to provide a background knowledge of the more commonly used engineering materials. This will be achieved by promoting an under standing of the interrelation of structure and properties in the principal families of materials and the mechanisms by which the structural changes may be accomplished.

MEC1501 INTRODUCTION TO PROCESS ENGINEERING (FOENS - UGRD)

Units 1.0 (Process and Resources Engineer) Band 2

Every aspect of our modern day lives are dependent on the end products of a number of processing activities. The clothes we wear, the cars we drive, the fuel used to power the cars, the materials used to build our homes, the food we eat; are the end products of process es that converts raw material to the finished products. We achieve this transformation by numerous methods utilising a variety of pro cesses each designed to perform a specific function in the transfor mation process. For a product to maintain its competitive edge re quires the optimisation of the transformation processes from raw material to final product. The effectiveness, efficiency and sustainabil ity in obtaining raw materials, using machinery, and applying produc tion technologies to processing activities require undersanding of the fundamental principles of a number of multi-disciplinary fields. This introductory course provides the student with a basic knowledge of the technologies applied in a number of different processes. It is fur ther expanded in the next course `Process Engineering Systems', where process systems are designed, by applying the fundamental knowledge gained in this course, together with the theory and appli cation of Fluid Mechanics, Thermodynamics, Computer Controlled Systems, sensors and actuators and graphic-user interface systems The aim of this course is to provide the student with knowledge of a wide range of production processes, including food processing, petro-chemical processing, mining and ore processing, and manufacturing. The course is structured to provide information on each process by discussing the equipment used, safety issues, sustainability, by-products, and control required.

MEC2101 THERMODYNAMICS (FOENS - UGRD)

Units 1.0 (Mechanical, Industrial Enginee) Band 2

Thermodynamics is that branch of physics which seeks to derive re lationships between properties of matter, especially those which are affected by temperature, and a description of the conversion of energy from one form to another. Mechanical engineering systems are pri marily about energy exchanges. All mechanical engineers must therefore be well grounded in the relationships which describe those exchanges. They must also be skilled in analysing machinery and systems in which the energy exchanges occur. Thermodynamics is therefore an essential and most important part of any mechanical engineering course of study.

MEC2106 INTRODUCTION TO THERMO-FLUIDS (FOENS - UGRD)

Units 1.0 (Mechanical, Industrial Enginee) Band 2

Pre-requisite: MAT1500 and CIV1501

Technologists have a particular need to understand the behaviour of fluids for, amongst other things, they have the professional task of employing them in the massive technological field of energy con version. This course presents the fundamental concepts of fluid be haviour, both under static and dynamic conditions. This course is designed to give the student the ability to analyse many practical problems in which fluid is the working medium. The aims of the analysis are to estimate forces on objects due to the fluid which can be either static or flowing (this is an important step in the design of these objects), to detect causes of decline in performance, and to recommend solutions to prolong the life and improve efficiencies of fluid systems. Basics of Thermodynamics and heat transfer in its three different modes; conduction, convection and radiation, are also introduced. This is to enable the student to analyse simple thermal systems and cycles.

MEC2202 MANUFACTURING PROCESSES (FOENS - UGRD)

Units 1.0 (Manufacturing Engineering) Band 2

Pre-requisite: MEC1201 or Students must be enrolled in one of the following Programs: MEPR

Manufacturing involves the transformation of raw materials from their initial form into finished, functional products. Man achieves this transformation by numerous methods utilising a variety of processes each designed to perform a specific function in the transformation process. Inherent in the design and operation of processes must be a knowledge of the properties of engineering materials and specific methods to utilise these properties during the various stages of the manufacturing process. Because of the competitive nature of the manufacturing industry, engineers are constantly striving to create new materials, better transformation methods and processes which are cheap to operate, efficient, fast and accurate. Small batch pro duction predominates in Australia and manufacturing methods and processes best suited for this type of production have to be designed and installed to achieve the greatest possible productivity. This course provides an introductory study of manufacturing processes and is complemented by further studies at higher levels of the program. Various material forming and cutting processes are considered, and theoretical knowledge is reinforced by practical demonstrations and videos.

MEC2301 DESIGN OF MACHINE ELEMENTS (FOENS - UGRD)

Units 1.0 (Mechanical Engineering) Band 2

Pre-requisite: MEC2402 or Students must be enrolled in the following Program: MEPR

Design is one of the most important engineering functions for it is through design that new products and processes are born and that old ones are improved. Design requires a breadth of knowledge ex tending over many areas, and a sound analytical ability. It requires an ability to recognise the phenomena involved and to synthesise an integrated solution. Design requires sound engineering judgement as well as a good grasp of the underlying basic science and mathe matics. This course aims to integrate the knowledge that the student has gained earlier in their program and to focus the student's analyt ical skills towards synthesis of solutions by working through the design of several simple, commonly used devices.

MEC2304 SOLID MODELLING (FOENS - UGRD)

Units 1.0 (Mechanical Engineering) Band 2

This course will provide opportunities for students to develop skills in the use of feature based, parametric solid modelling. The course also develops the student's skills and confidence in those techniques and principles deemed to be essential for solid modelling. Further more, it aims to develop their awareness of the importance of mod elling as a design, drafting, communications and manufacturing tool.

MEC2401 DYNAMICS I (FOENS - UGRD)

Units 1.0 (Mechanical Engineering) Band 2

Pre-requisite: (MAT1502 and CIV1501) or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or MENS

A working knowledge of the basic laws of motion and of the concepts of force, energy, momentum, impulse and vibration is fundamental to the study of mechanics and the solution of many engineering problems. In this course these basic concepts are reviewed and a number of techniques are developed to assist in the analysis of the plane motion of particles, bodies, interconnected bodies, mechanisms and geared systems.

MEC2402 STRESS ANALYSIS (FOENS - UGRD)

Units 1.0 (Mechanical Engineering) Band 2

Pre-requisite: CIV1501 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GDNS or MENS

Every structure or machine has to perform its intended function within a predetermined and acceptable probability of failure. Stress analysis addresses the stability and strength of structures and ma chines while under load. It predicts how force is carried through a structure or machine and how the materials at any point in any indi vidual member resist the force. As such, stress analysis is essential to the design function and the analysis function. Every engineer who has to make a judgement on the strength and stability of any structure, machine or mechanism, no matter how simple or how complex, must understand the fundamental principles of stress analysis.

MEC2405 MACHINE DYNAMICS (FOENS - UGRD)

Units 1.0 (Mechanical Engineering) Band 2

Pre-requisite: CIV1501

A knowledge of the basic laws of dynamics, vibration and mechanisms are fundamental for the solution of many engineering problems. This course develops, at an appropriate level, theoretical and practical methods used in the design of machine elements.

MEC2501 PROCESS ENGINEERING SYSTEMS (FOENS - UGRD)

Units 1.0 (Process and Resources Engineer) Band 2

Pre-requisite: MEC1501

The drive to meet consumer demands for economically competitive and high quality products requires effective and efficient processing technologies. These processing technologies are required to trans form the raw material to its final product with the optimal use of the raw material in a sustainable manner, using minimal energy, and producing less harmful by-products. The effective design, develop ment and operation of processing operations are fundamental in achieving these goals. This course takes a multi-disciplinary approach to provide the student with the knowledge base and application skills to design complete process engineering systems. These designs would include the specification of vital hardware systems and asso ciated sensors and actuators to allow safe, effective control of the operation. The course further expands on the fundamental knowledge gained in the pre-requisite course `Introduction to Process Engineer ing', by undertaking the specification and design of suitable processing systems and control strategies. The aim of this course is to provide the student with theoretical knowledge and design skills based on the concepts of Fluid Mechanics, Thermodynamics, Computer Con trolled Systems, sensors and actuators, and graphic-user interface systems.

MEC2901 MECHANICAL PRACTICE 1 (FOENS - UGRD)

Units 0.0 (Mechanical, Industrial Enginee) Band 2

This course presents a series of activities designed to develop spe cific skills and knowledge relevant to Mechanical Engineering. These activities are to be carried out on an individual or small group basis.

MEC2902 MECHANICAL PRACTICE 2 (FOENS - UGRD)

Units 0.0 (Mechanical Engineering) Band 2

This course falls naturally into three parts: Part One consists of a design activity where a small team of students develop a design concept and specification for a device capable of satisfying a broadly specified task. Part Two comprises the procurement of appropriate resources and the design and construction of the device in accord with the design specification developed in Part One. Part Three covers the testing of the device and encourages the student to reflect on the activities and outcomes of the work conducted in Part One and Part Two above.

MEC3102 FLUID MECHANICS (FOENS - UGRD)

Units 1.0 (Mechanical, Industrial Enginee) Band 2

Pre-requisite: (MAT2500 and MEC2101) or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GDNS or MENS

This course presents the fundamental concepts of fluid behaviour both under static and dynamic conditions. This course is designed to enable the student to analyse and design any practical systems in which fluid is the working medium. The contents of this course in cludes statics and dynamics of fluid flow, dimensional analysis, inter nal viscous flow (eg laminar and turbulent flows in pipes and ducts), viscous flow around bodies, boundary layer and compressible flow.

MEC3203 MATERIALS TECHNOLOGY (FOENS - UGRD)

Units 1.0 (Materials Engineering) Band 2

Pre-requisite: MEC1201 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or GCNS or GDNS or MEPR or MENS

The engineer uses a wide variety of materials from platinum to rocks to construct bridges, automobiles, jet engines, process plants, elec tronic components, etc. These materials have widely varying proper ties and consequently it is necessary for the engineer to have a sound working knowledge of the characteristic properties and behaviour during processing/fabrication and in service of the common types of engineering materials. This course extends the basic course "Engi neering Materials", to show how the basic principles of materials science are used in the development of contemporary engineering materials used in everyday engineering applications. This knowledge is demonstrated through systematic exploration, evaluation, synthesis, and application in material selection and failure analysis processes of materials.

MEC3204 PRODUCTION ENGINEERING (FOENS - UGRD)

Units 1.0 (Industrial Engineering) Band 2

The design and organisation of methods used in manufacturing is of fundamental importance to a manufacturing firm. Methods may also be termed the management of a process, the way in which physical facilities are arranged to provide an environment which is inductive to efficient, fast transformation. A measure of this efficiency is the time in which the transformation occurs. Time being one of the critical factors involved in the measurement of productivity. The transforma tion process requires an exact knowledge of the size, shape and finish desired on the finished product. In manufacturing, the ability to measure accurately both size and form, is of paramount importance to the quality and performance of the end product. Because of the wide diversity of types of processes, materials and products associ ated with manufacturing, the management function of a firm must be highly organised, efficient and responsive to provide an environment capable of meeting the demands and needs of its customers. Engi neers must keep abreast with advancing production and operations techniques to ensure that their products remain competitive. Computer technology has made tremendous inroads into the manufacturing scene over the past decade and firms must incorporate computer monitoring and control in their operations if they are to remain in to day's manufacturing arena.

MEC3302 COMPUTATIONAL MECHANICS IN DESIGN (FOENS - UGRD)

Units 1.0 (Mechanical Engineering) Band 2

Pre-requisite: (MEC2304 and MEC2401 and MEC2402) or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GDNS or MENS

This course will provide students with an understanding of the oper ation and limitations of computer aided engineering (CAE) and anal ysis systems, and provide opportunities to develop the basic skills required to operate such systems. Material presented will include brief discussion on the architecture of CAE systems, numerical methods and finite element methods. The advantage of CAE analysis is demonstrated by several engineering assignments that students must complete on a CAE facility throughout the semester. Consider able emphasis is placed on the appropriate use of the finite element

MEC3303 SYSTEM DESIGN (FOENS - UGRD)

Units 1.0 (Mechanical Engineering) Band 2

Pre-requisite: MEC2301 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or GCNS or GDNS or MEPR or MENS

Most engineering products form part of a system which can be broken down into sub systems, assemblies and components. A considerable amount of design synthesis and analysis has to be done on the sys tem as a whole before a product or process design specification can be drawn up. It is therefore important that the engineer is able to recognise what forms a system, a subsystem and a component, and how the performance of the whole system is affected by the perfor mance of its constituent parts. In systems design, the engineer con siders the widest implications of a product, project or process at the design stage, including not only the technical interactions of the var ious subsystems, but also the political, sociological and socio-eco nomic implications. This course leads the student to an understanding of the philosophy and methodology of the design process in the context of systems which embrace political, sociological, economic, technical and ergonomic aspects. It then provides practice through assignments and workshops in developing the student's ability to discern the relevant factors and design accordingly, to interact within a design team, and to communicate ideas and concepts through oral and written presentation. An essential skill for the design engineer is to be able to work across disciplines and therefore they often have to "learn" new specialisations. In this course the student is introduced to a number of specialist topics not covered elsewhere in their course of study. This is a senior course and it is assumed that the student has the maturity, knowledge and skills base commensurate with having completed the first two years of their undergraduate course.

MEC3403 DYNAMICS II (FOENS - UGRD)

Units 1.0 (Mechanical Engineering) Band 2

Pre-requisite: (MEC2401 and MAT2500) or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or GCNS or GDNS or MENS

A characteristic of mechanical engineering is that things move. Parts are subject to forces, causing them to accelerate. They impact on each other, the resulting impulses causing changes in momentum. Parts spin and must be balanced while gyroscopic forces operate. Vehicles in space are subject to gravitational fields and propulsive thrusts. Fluctuating forces cause vibrations that can have many modes that must be damped out. The student of this advanced course must develop the ability to analyse all of these. The ability to analyse comes with a cost. Motions, forces, moments and energy are all subject to mathematical equations, many of them of an advanced nature. In grasping the fundamentals, the student will come to grips with partial differentiation, vectors, operators, matrices and tensors. These skills are built up as understandable solutions to practical en gineering problems, illustrated where possible by real-time simula tions.

MEC3903 MECHANICAL PRACTICE 3 (FOENS - UGRD)

Units 0.0 (Mechanical, Industrial Enginee) Band 2

The course comprises two parts - engineering metrology and com puter assisted machining. It is the aim of this course to provide stu dents with practical skills associated with each of these areas. Metrology activities include precision measurement of component features, form and geometry utilising specialised measuring instru ments and equipment. Subsequent analysis and presentation of measurement data also form part of metrology. Computer assisted machining encompasses NC programming methods, program preparation, program verification and machining utilising computer software and technologies. The activities will be carried out individu ally and in groups.

MEC3904 MECHANICAL PRACTICE 4 (FOENS - UGRD)

Units 0.0 (Mechanical, Industrial Enginee) Band 2

This course aims at providing you with practical skills needed in many industrial processes. The course is designed to help you review and apply some of the basics of fluid mechanics and heat transfer to practical situations. You will conduct five tasks through which you will gain practical experience with flow visualization, measuring ve locity of fluids (gases or liquids), pressures, forces due to fluids and temperature of a fluid or a solid. You will also learn how to experimen tally estimate flow rates in pipes and ducts, head losses in fluid sys tems, and heat flux in steady and transient thermal systems. You will work as part of a team and will be given the opportunity to lead the team.

MEC3905 MECHATRONIC PRACTICE (FOENS - UGRD)

Units 0.0 (Mechanical, Industrial Enginee) Band 2

In mechatronics, mechanical, electrical and computing elements are combined to form an integrated whole. This course draws together mechanical, electrical, software and interfacing aspects of a mecha tronic system through a progressive sequence of experiments. A motor is connected to a computer through a power amplifier, while another motor in tandem is monitored through an analogue interface to determine its speed. A line or two of code makes speed control possible. A belt drives a 'trolley' of which the position is monitored and some more effort including some nonlinear strategies results in a 'crisp' position controller of an industrial standard. An inverted pendulum is added to the trolley and the student devises a control scheme to keep it balanced. Several other brief experiments give familiarity with pneumatic positioning and vision interfacing. This course will round off the formation of a mechatronics engineer.

MEC4103 HEAT TRANSFER (FOENS - UGRD)

Units 1.0 (Mechanical, Industrial Enginee) Band 2

Pre-requisite: MEC3102 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MEPR or MENS

This course further develops the basic physics concepts and principles of heat transfer in its three different modes. The three modes are conduction, convection (free and forced) and radiation. Application of these principles to practical industrial applications is an important aspect of this course.

MEC4104 ENERGY TECHNOLOGY (FOENS - UGRD)

Units 1.0 (Mechanical, Industrial Enginee) Band 2

Pre-requisite: (MEC2101 and MEC3102) or MEC2106 or Students must be enrolled in one of the following Programs: GCEN or GDET or METC or MENS

Over the next decade or so, environmental concerns plus the deple tion of the world's fossil fuel reserves accentuated by the industriali sation of presently third world countries, are going to force a reshaping of our use of energy. This course aims to prepare the student to play an informed and constructive part in that reshaping.

MEC4406 ROBOTICS AND MACHINE VISION (FOENS - UGRD)

Units 1.0 (Mechanical, Industrial Enginee) Band 2

Pre-requisite: MEC2401 or ELE2103

Robotics and machine vision are specialised aspects of mechatronics, the fusion of digital control with electronics and mechanisms to realise an application of value to manufacturing and other industries. Mechatronic control system design requires the ability to embrace nonlinearities in both the system and the controller. Kinematic meth ods are taught for the design and analysis of robot manipulators and similar mechanisms. Aspects of control theory cover modelling and synthesis of nonlinear controllers such as the saturating drives de manded for real life actuator systems. The vision syllabus ranges over the variety of image acquisition systems now available, leading on to methods of image analysis. Image filtering and edge detection are compared with more pragmatic methods and examples are taken from research outcomes such as a vision guidance system for agri cultural tractors.

MGT1000 ORGANISATIONAL BEHAVIOUR (FOBUS - UGRD)

Units 1.0 (Organisation Management) Band 3A

This course will set you on your way to being a better manager in the workplace. MGT1000 provides an essential foundation for profes sional business education as it introduces students to many workplace and management issues. Organisational behaviour and management is the discipline base for the course. This discipline assumes that the people within an organisation have a major impact on its effective ness. An organisation's effectiveness is measured through key per formance indicators such as productivity and employee job satisfac tion. This course aims to provide students with a scholarly understand ing of the impact of human behaviour within organisations, on the performance indicators. There are three major areas of human be haviour that are studied. First, at the level of the individual, attributes and processes such as personality, motivation, perception, job satis faction and job performance are identified and the managerial impli cations for enhancing individuals' performance are considered. Sec ond, at the group level, the important attributes of group dynamics and conflict resolution are identified and the managerial implications for developing high performing teams are considered. Third, at the organisation-wide level, structure and culture are considered as major challenges to managers who are seeking quality outcomes. The performance indicators of particular interest in the course are job satisfaction and productivity.

MGT1001 FOUNDATIONS OF HUMAN RESOURCE MANAGEMENT (FOBUS - UGRD)

Units 1.0 (Human Resource Management) Band 3A

This course focuses on how human resource management (HRM) can create sustainable value for organisations and society. Human well-being is given a central place in the strategy and implementation of human resource management in organisations and this approach emphasizes the importance of nurturing the cognitive, affective and behavioural qualities of people. This course presents the continuous-improvement HRM decision-making framework as a tool to develop critical and innovative thinking necessary to make HR-related deci sions within the unique circumstances of any organisation - small, medium and large businesses and in private and public enterprises. The course concentrates on the process of effective strategic human resource management (SHRM) guiding students in how the HR practitioner turns theory into practice. This course provides the foundation for the HRM majors and is therefore essential for students likely to work in the HRM profession. It will, however, also be useful for anyone likely to be involved in managing people within an organ isation.

MGT1200 BUSINESS COMMUNICATION (FOBUS - UGRD)

Units 1.0 (Communication and Media Studie) Band 1

This course examines the underlying principles of communication theory and its application to, and impact on, organisational practice. Students will be introduced to a range of situations in which commu nicative competence is important; explore models and techniques which will enhance their understanding of the communication process and develop practical skills in written, verbal and non-verbal forms of business communication.

MGT2000 STAFFING AND REMUNERATION (FOBUS - UGRD)

Units 1.0 (Human Resource Management) Band 3A

One of the key challenges facing modern-day organisations is to ensure that the organisation is staffed with competent, committed and appropriately talented people. In order to achieve this, appropriate staffing, remuneration and reward strategies and practices are essen tial. These are key areas of human resource management and nu merous HRM professionals specialise in this field. This course exam ines how the work done in organisations needs to rest upon forming proper work requirements, matching people to jobs, managing job information, assessing the value of jobs and remunerating employees for their work. This course covers relevant theory and practice about the fit between organisational strategy, staffing, remuneration and reward.

MGT2001 MANAGEMENT OF WORKPLACE HEALTH AND SAFETY (FOBUS - UGRD)

Units 1.0 (Occupational Health and Safety) Band 2

This course is an important one for future or current managers. The course begins by clarifying what is meant by the `workplace problem' which is broken down into three main categories of potential threat to health and safety. An understanding of why workplace incidents occur even in the best managed companies is important to future managers, so the focus shifts to theories and models of accident causation. The heart of effective workplace health and safety (WHS) management however, is the legislation and the ways that organisa tions can ensure they comply. For this reason, the Australian WHS legislative approach appears next in the sequence of modules. How to go about compliance with the WHS legislation leads to the concept of risk, and how this can be managed in an effective way in a work place health and safety context. Managers are obliged by law to discharge their obligations to protect workers and this course provides some of the tools and the knowledge base on which to make informed decisions about health and safety. An understanding of risk manage ment is therefore fundamental to achieving the objectives of this course. The remaining modules include an investigation of ergonomics (as it applies to the maintenance of a safe workplace environment), an examination of the role of WHS standards and WHS audits, and the sequence concludes with the focus falling on two issues which have gathered interest and importance in the contemporary enter prise.

MGT2002 MANAGING ORGANISATIONS (FOBUS - UGRD)

Units 1.0 (Organisation Management) Band 3A

This course lays the foundation for a career in management. It not only exposes students to important theories and knowledge about the nature of management and organisations, it also introduces stu dents to the process of self-reflection as a management activity. In the opening weeks of the semester, students are exposed to a range of context information surrounding management and organisations, including topics such as the historical origins of current management theory, and current issues in management including sustainability and management as an international phenomenon. In addition, stu dents are offered training in self-reflection processes and theory. The second half of the course is devoted to a detailed coverage of the four core management functions identified by Fayol; planning, leading, organising and controlling.

MGT2004 PEOPLE DEVELOPMENT (FOBUS - UGRD)

Units 1.0 (Human Resource Management) Band 3A

It is well-known today that people are at the centre-stage as organi sations' strive towards being more successful. It is also generally acknowledged that the people employed by organisations have, in general, a tremendous amount of talent and potential. The challenge for organisations is often to unlock and develop this. Through doing so organisations may be able to not only develop the people, but the organisation as a whole. The underlying philosophy is therefore that through the development of human resources, organisations develop as well and are hence put in a better position to be able to compete and be successful. MGT2004 is an introduction to the areas of learning and development in organisations from a Human Resource Development perspective. This course is designed to equip you with the skills and knowledge to meet strategic organisational human re source development requirements. The course explores learning and development concepts and approaches and the role of learning and development as a strategic partner to management. You will learn how to design, implement and evaluate systems for learning in organ isations as part of a strategic approach to human resource develop ment. Students enrolled in this course will be required to regularly access electronic discussion forums and assessments via UConnect. Appropriate computer and access facilities are therefore a requirement to successfully complete the course. Students should note that this is a second level specialist human resources course.

MGT2006 EMPLOYMENT RELATIONS (FOBUS - UGRD)

Units 1.0 (Industrial Relations) Band 3A

Issues covered in the course include agreement making, the causes of industrial conflict, the role of trade unions and employer associa tions, IR legislation, negotiation, managing workforce diversity, recent developments in the organisation of work. The importance of the changing nature of work and employment within a global context is reflected in the course's coverage of issues relating to employment relations in the Asian context and a comparative study of two diverse international approaches to the workplace relationship. In an environ ment where global economic influences impact so readily on the regulation and policy of international industrial relations, this course will provide students with an understanding of employment relations both in Australia and overseas.

MGT2007 LEADERSHIP (FOBUS - UGRD)

Units 1.0 (Organisation Management) Band 3A

We live in a world where the breadth of local, national and interna tional issues confronting our global community is both increasingly complex and diverse; this creates a great need around the world to find new and improved ways of doing business. Leaders and potential leaders need to ensure they have or can develop the necessary skills to lead their followers in an effective way in this complex environment. Followers can improve their effectiveness and their relationships with their leaders, through an increased understanding, appreciation, and recognition of the skills needed to lead. This course exposes the student to the dynamics related to leadership and being a leader in a changing world. The successful completion of this course will lay a good foundation for becoming a better leader by developing the relevant knowledge, understanding and skills pertaining to the utilisa tion and application of appropriate leadership principles, practices and behaviour in life in general, but in particular also in an organisa tional context. After making a thorough study of relevant theoretical and research perspectives on the nature and importance of leader ship, a study is made of various types and styles of and approaches to leadership. These include charismatic and transformational lead ership as well as contingency and situational leadership. The roles, tasks and required attributes of leaders are also explored, as well as the interplay between leadership and a broad range of organisational dynamics. The studying of such themes is contextualised within the shift from the industrial to the knowledge and information era and strategic thinking as an integrating mechanism is therefore also ex plored. The course content contains a good blend of theory, research and practical perspectives and applications.

MGT2008 MANAGING KNOWLEDGE (FOBUS - UGRD)

Units 1.0 (Organisation Management) Band 3A

The emerging knowledge economy is the basis for new knowledge-intensive industries. These industries need effective knowledge management strategies in order to conduct their core business. It is recognised today that tremendous amounts of knowledge are locked up inside organisations. It requires a dedicated effort to harness hu man capital and manage knowledge in order to ensure that optimal value is added to the knowledge which is available. In the knowledge economy leaders and managers need to understand new forms of best practice for how they manage knowledge and knowledge workers in modern-day organisations. Competitiveness in the knowledge economy will increasingly be driven by the capabilities of organisations to manage knowledge. The main objective of knowledge management is to achieve higher levels of organisational effectiveness, efficiency and competitiveness in emerging knowledge-based markets. This course examines the rise of the knowledge-intensive organisation and its broad relationship to the new demands of the knowledge economy. Key elements of the course consider the nature and pur pose of knowledge and knowledge work. These elements are consid ered together with the roles of knowledge managers and knowledge workers. These connections form the basis for having purposeful knowledge management strategies and systems for developing high performance knowledge organisations. Current and prospective managers and leaders are introduced to essential knowledge man agement principles. This will help them move toward a more strategic use of knowledge in organisations.

MGT2060 INTERNATIONAL BUSINESS ENVIRONMENT AND OPERATIONS (FOBUS - UGRD)

Units 1.0 (International Business) Band 3A

The course introduces students to the field of international business which broadly refers to the conduct of business across national bor ders. An international business, on the other hand, refers to any firm that engages in international trade or investment in a country or countries other than its own. Students enrolled in this course have the opportunity to understand the terminology, theories, principles, models, and frameworks to explain WHY and HOW a firm engages in business in a country or countries other than its own. The course takes a managerial approach to providing an overview of the econom ic, social, environmental, political, technological and cultural dimen sions of doing business across borders as well as the local and inter national actors that may impact the firms success in its international business operations. Furthermore, the course provides an overview of the various strategies, structures, and operations of a firm as it faces the global issues and trends associated with the conduct of business beyond its borders. The course builds on the premise that the business world has become increasingly globalised and borderless and understanding this phenomenon from a managerial perspective is an important element in the study of modern business in a global context.

MGT2103 BUSINESS LOGISTICS (FOBUS - UGRD)

Units 1.0 (Purchasing, Warehousing and Di) Band 3A

This course will enable students to: display skills in analysing procure ment, inventory and distribution systems, including the ability to de termine how to deploy limited capital so that total system costs are minimized and desired customer service levels are maintained; show understanding of the principles of Pareto analysis and know how to apply these principles to the logistics system; develop and use mate rials requirements planning schemes, and to know when such schemes are appropriate; show an awareness of different warehouse storage systems and to know the advantages and disadvantages of each; examine critically the appropriateness of automation in any typical warehousing situation; and show some insight into the relevant issues concerning transportation and physical distribution system planning.

MGT2104 SUPPLY CHAIN DESIGN (FOBUS - UGRD)

Units 1.0 (Purchasing, Warehousing and Di) Band 3A

In today's customer-driven markets, business competition is between supply chains rather than individual firms. Managing the flow of products, information, and system wide costs across the supply chain measures the success of the supply chain in constantly matching or exceeding customer requirements. This course emphasises issues that represent distinctive challenges for supply chain management and provides students with the basic knowledge and tools necessary to develop, implement and sustain strategies for managing supply chain issues.

MGT2203 PROJECT MANAGEMENT FUNDAMENTALS (FOBUS - UGRD)

Units 1.0 (Project Management) Band 3A

The course examines the following: (1) an overview of project man agement and its role in achieving organisational outcomes; (2) how projects are created and managed across their lifecycle; (3) the stakeholders that influence project objectives and outcomes; (4) the organisational structure that is needed to provide project resources; (5) how to identify, define and deliver the project outcomes and deliv erables; (6) how to identify and manage the time frame required to deliver project outcomes; (7) how to identify and manage the financial resources required to deliver project outcomes; (8) how to ensure the appropriate quality of project processes and outcomes, and how to manage any risks to those outcomes; (9) how to manage the pro cesses by which project deliverables are provided by external parties; (10) how to bring together all project resources and processes to ensure a successful project outcome; and (11) how to develop appro priate competencies to manage a small project.

MGT2204 BUSINESS ETHICS AND GOVERNANCE (FOBUS - UGRD)

Units 1.0 (Business and Management) Band 3A

This course aims to develop understanding of the ethical dimensions of managerial decision making and of issues relating to governance of organisations. Topics include normative and descriptive ethical theories, corporate responsibility, stakeholders and citizenship, ethical decision making, tools and techniques for managing business ethics, accountability and governance and leadership skills. Students will be able to identify and solve ethical dilemmas within case study or ganisations and to design strategies to promote ethical behaviour and improve governance in organisations.

MGT3001 GLOBAL MANAGEMENT (FOBUS - UGRD)

Units 1.0 (Business Mgt not classified) Band 3A

This course examines the dynamics and challenges that today's managerial leaders increasingly face as the worlds of business, work and organisational life become more 'globalised' and internationally integrated. Increasingly managerial leaders are required to do their work across borders and cultures, spanning national and international boundaries, and engaging with people and systems that sometimes differ vastly. Organisations that operate in such international contexts thus require those people who take on management and leadership roles to have competencies that are different and particularly built around cross-cultural and transnational mindsets and capabilities. This course allows for the development of such competencies. The overall focus is on general management of organisations that operate in diverse and multicultural environments, but because people are so central to organisational success, the leadership and people management challenges in such transnational contexts are empha sised. Global and cultural contextual issues are addressed as well as issues related to international human resource management. In particular also, the relevant leadership challenges in such an interna tional environment are explored in order to develop competencies and capabilities in managing and leading people in cross-national contexts. Similarities and differences in relation to particular manage ment and leadership issues across countries in different parts of the world are therefore also covered. Whilst there are no pre-requisite courses for MGT3001, it is a third-year level course and students enrolling should be mindful that the content and assessment is at third-year level.

MGT3002 LEADING ORGANISATIONAL CHANGE (FOBUS - UGRD)

Units 1.0 (Organisation Management) Band 3A

Students enrolled in this course are exposed to two complementary skills sets: organisational change and leadership. These two areas of proficiency feature consistently through the various modules of study. Students investigate organisation change with the objective of explaining why it occurs, how it occurs, how it can be managed, and what forms it can take, among other inquiries. The complexities of change present some very real challenges for leadership and part of the course examines some of these challenges. The early focus is on the various types of organisational change. As the literature suggests, there are quite different dynamics in play when change occurs, including scale of change, and the type of change, which will influence decisions about appropriate management of the change process. The above, and this course overall, highlights the role of the planned approach to organisational change. The learning extends to the processes involved in managing and leading change, including the important task of carrying out diagnosis, and its contribution to the overall objective of achieving meaningful, timely and (often, though not necessarily) lasting change. The course is arranged on three tiers, with some exploration of leadership and change at the individ ual, group and organisation-wide levels. Personal adaptation to change features earlier in the set of modules, and the focus shifts to the broader organisation context as the course unfolds. This latter emphasis includes examples of organisational change and develop ment interventions which are included to give students some skills in applying specific change programs.

MGT3003 HUMAN RESOURCE PERFORMANCE MANAGEMENT (FOBUS - UGRD)

Units 1.0 (Human Resource Management) Band 3A

In the modern business environment, substantial importance is placed on both individual and organisational performance. The management of individual performance to achieve optimum outcomes typically occur at the operational level, however, is strongly linked to the overall organisational strategies. MGT3003 HR Performance Man agement examines the concepts, principles and systems associated with managing employee performance in the workplace. Links are made between individual, team and organisational performance, in cluding the alignment of goals at different levels. The differing percep tions and expectations of performance by different stakeholders are also considered. Ways of reviewing performance are taken into ac count as well as the impact of performance on the bottom line. MGT3003 also considers non-performance and under-performance as components of unsatisfactory performance and then considers interventions that are intended to change and improve unsatisfactory performance in order to bring about improved individual performance and personal growth. Students enrolled in this course will be required to regularly access electronic discussion forums and assessments via UConnect. Appropriate computer and access facilities are there fore a requirement to successfully complete the course. Students should note that this is a third level course.

MGT3004 CREATIVITY, INNOVATION AND ENTREPRENEURSHIP (FOBUS - UGRD)

Units 1.0 (Business Management) Band 3A

Leaders and managers in the new world economy need to harness, develop and preserve the capabilities of organisations to innovate and be entrepreneurial. This is because the ability to innovate and be entrepreneurial has become a powerful economic force across the globe and entrepreneurs and small business leaders constitute a significant contributing force to economic activity in general and job creation in particular. Entrepreneurship is not only about new ventures or small business organisations however. Organisations of all sizes and types are required to be more responsive and innovative in order to maintain or improve their competitiveness. Today's leaders and managers have to work deliberately towards establishing organ isational environments that can unleash the creative potential and innovative thinking and abilities of all members of the organisation. Students of this course will be introduced to the challenges accom panying the entrepreneurial revolution. Theoretical and practical perspectives pertaining to creative thinking and behaviour are ex plored, laying the foundation for further learning about the organisa tional challenges related to innovation. Students are encouraged to search for ways that creative ideas can be channelled into innovative organisational outcomes, such as `new' value-adding services and/or products as well as other forms of organisational innovation and en trepreneurship such as `intrapreneurship' (corporate entrepreneur ship). This course helps students to integrate contemporary theory with practice and the `real world' of entrepreneurship.

MGT3100 QUALITY AND PERFORMANCE MANAGEMENT (FOBUS - UGRD)

Units 1.0 (Quality Management) Band 3A

This course will cover the importance of quality assurance, quality control and quality improvement to the success of a business, how these functions may be integrated into the business, and the methods and techniques in their application. Students will relate business strategy, benchmarking, reliability and system effectiveness, control charts, human factors and cost management to the overall improve ment of quality. Quantitative and qualitative methods will be dealt with where appropriate and will be related to economic and organisa tional objectives of the business.

MGT3200 INFORMATION MANAGEMENT (FOBUS - UGRD)

Units 1.0 (Office Studies not elsewhere c) Band 3A

This course provides an overview of the scope and complexities of information management relating to organisational records irrespective of format. The importance of records and information management (RIM) in providing evidence of business transactions, in ensuring business continuity and in preserving corporate memory is empha sised throughout the course.

MGT3201 ORGANISATIONAL ADMINISTRATION (FOBUS - UGRD)

Units 1.0 (Office Studies not elsewhere c) Band 3A

Effective administration is a key component of successful and sus tainable business. All managers, irrespective of their specialist exper tise, need a sound understanding of a wide range of administrative functions and an appreciation of the required features of an effective office environment including the virtual workplace. The importance of time management, problem solving ability, efficient workflow and an appreciation of cultural diversity are emphasised throughout the course. Having completed this course, students should be able to plan and organise a range of administrative functions in support of an organisation's operations.

MGT5000 MANAGING ORGANISATIONAL BEHAVIOUR (FOBUS - PGRD)

Units 1.0 (Organisation Management) Band 3A

All students undertaking graduate studies in Business need to appre ciate and understand the nature of organisational behaviour. They should also be able to articulate behavioural issues in business situ ations. This course provides a framework in which students are ex posed to a range of theories and experiences within the field of or ganisational behaviour which will allow them to further develop in sights, attitudes and skills to a level consistent with the expectations for senior management. The course aims to provide an understanding of the behaviour of people at work. It analyses behaviour at the indi vidual, group and organisational levels. Managers must understand the complex interactions that influence the effectiveness of different management strategies and organisational structures under different environmental and technological conditions. As well as reviewing the current theories and research in the area, the course uses case studies to examine the implications for practising managers.

MGT7001 GLOBAL STRATEGY AND LEADERSHIP (FOBUS - NONA)

Units 0.0 (Business Mgt not classified) Band 3A

This non-award course provides tuition support for candidates enrolled in the core CPA Program Professional Level segment - Global Strategy & Leadership. Global Strategy & Leadership is the capstone segment for the CPA Program Professional Level. This segment consolidates the knowledge candidates have gained in the three compulsory segments. It provides candidates with an understanding of the concepts and principles that underpin the practices of strategy and leadership in the global economy, and the ability to apply these concepts to real life business cases.

MGT8002 STRATEGIC MANAGEMENT (FOBUS - PGRD)

Units 1.0 (Organisation Management) Band 3A

As students draw closer to meeting the full requirements for graduat ing from the program, it is absolutely essential that they have the opportunity to integrate and synthesise the knowledge and compe tencies developed to date in relation to their professional and man agerial responsibilities. This course allows students to identify and articulate the strategic issues that organisations are confronting. Students will be able to draw upon some of the critical concepts, techniques and information from other courses studied in order to develop informative and comprehensive responses to some of the key questions encountered in the strategic management of an organ isation. This course provides a framework for analysis and integration by focusing attention on the development of an organisation's strategic directions, strategic capabilities and internal and external dynamics.

MGT8014 HUMAN FACTORS (FOBUS - PGRD)

Units 1.0 (Public Health not elsewhere cl) Band 2

This course provides basic information and knowledge about the human factor and promotes general loss prevention perspectives and insights based upon such knowledge. Topics covered include: anatomy and body systems, human anthropometry, ergonomics, the human machine interface and workplace layout and design, accident statistics, the psychology of work, and implementing an ergonomics programme.

MGT8015 CORPORATE OCCUPATIONAL HEALTH AND SAFETY (FOBUS - PGRD)

Units 1.0 (Occupational Health and Safety) Band 2

This subject first provides an introduction to fundamental principles and maxims of method in occupational health and safety manage ment. It then discusses the state of the art from local, national and international perspectives. Using this knowledge as a backdrop the subject goes on to investigate a number of topics: law and the legal environment; principles and practice of industrial relations; policy strategy and know how in managing occupational health and safety; accidents and accident investigation and reporting; health and safety promotion and in service training.

MGT8016 OCCUPATIONAL HEALTH AND OCCUPATIONAL HYGIENE (FOBUS - PGRD)

Units 1.0 (Occupational Health and Safety) Band 2

This subject introduces managers to the pathology of work related disease and to basic procedures and processes in occupational hy giene. Topics covered include: noise and vibration, thermal comfort, lighting, dusts, modes of entry, standards and threshold limit values, measurement techniques, toxicology, occupational diseases, biolog ical hazards, workplace stressors (chemical and physical) and princi ples of control. Socio- political and socio-scientific aspects of occupa tional health and hygiene are also covered.

MGT8017 SAFETY SCIENCE IN PRACTICE (FOBUS - PGRD)

Units 1.0 (Occupational Health and Safety) Band 2

This subject covers the practical applications of physical, biological, behavioural and engineering sciences to safety and health control practices in the workplace. The approach is to analyse hazards and tasks and to identify and understand the nature of risks so that se quences of events can be interrupted, and components within these sequences kept separate, isolated and constrained.

MGT8021 PROJECT SUSTAINABILITY MANAGEMENT (FOBUS - PGRD)

Units 1.0 (Business Mgt not classified) Band 3A

This course focuses on the management aspects of the design and operation of logistical support systems for new projects with an em phasis on capital projects across a range of sectors. It includes both the "military" approach to logistics through the Integrated Logistics Support (ILS) methodologies (sustainment), and the traditional "business" logistics areas of inventories, warehousing and transporta tion. The course emphasises the life-cycle approach to sustainability. It considers how reliability, availability, maintainability factors and maturing technological concepts influence life cycle decisions and costs. The course examines elements of maintenance planning, supply support, manpower and personnel, training and training de vices, technical data, facilities, packaging, handling, storage and transport, support and test equipment, computing support, and logis tics operations and coordination. It also considers related topics on logistic support analysis (LSA), modelling and simulation and the practice of sustainability management in both private and public en terprises.

MGT8022 PROJECT-BASED MANAGEMENT (FOBUS - PGRD)

Units 1.0 (Project Management) Band 3A

The course examines the following: (1) an overview of the nature of projects and how they differ from ongoing business activities; (2) the importance of systems theory to the effective management of projects including the gateways between phases of the project life cycle; (3) the significance of initiating projects effectively so there is consensus between key stakeholders as to what the objectives are and the processes by which to achieve them; (4) the value of comprehensive planning for achieving project objectives with minimal disruptions within each stage of the project; (5) the utilisation of quantitative and qualitative tools that have been developed to assist managers achieve project success based on defined criteria; (6) incorporation of estab lished guidelines for managing risk and achieving the optimal quality for both project deliverables and the processes by which they are delivered; (7) the soft skills expected of contemporary project man agers in creating appropriate organisational structures, and leading highly effective teams; (8) systems that can be incorporated to mon itor progress against pre-defined targets and to trigger corrective actions where variances occur to performance criteria; (9) the impor tance of focusing project resources to ensure completion of all project objectives and deliverables; and (10) the ethical and governance frameworks within which project managers are expected to operate so that the objectives of key stakeholders are not compromised through inequitable behaviours.

MGT8024 PROJECT QUALITY, RISK AND PROCUREMENT MANAGEMENT (FOBUS - PGRD)

Units 1.0 (Project Management) Band 3A

The course examines the following: the environment in which projects are carried out; the need to establish the appropriate levels of quality in a project; how to build quality into the project processes and deliv erables; how to ensure that the appropriate quality is delivered at the end of the project; planning for the level of risk in a project and iden tifying the risks and uncertainties that could impact on the project; analysis and evaluation of the identified risks; definition of risk treat ment strategies so that appropriate plans are in place for anticipated events; planning an appropriate procurement strategy for the project; review of the various procurement strategies and their implications for stakeholders; procedures for procurement solicitation and source selection; monitoring and control of the procurement processes and contractual arrangements; the value of periodic project reviews and post-completion audits.

MGT8025 PROJECT SCOPE, TIME AND COST MANAGEMENT (FOBUS - PGRD)

Units 1.0 (Project Management) Band 3A

The course examines the following: 1. the inputs, tools techniques and outputs for project initiation, scope planning, scope definition, scope verification, scope change-control, and successful completion of projects; 2. time management in a project context, tools and tech niques, the value of work breakdown structures, defining a project schedule, estimating activity durations, the need for cost/time trade offs, inter-relationships between activities, consideration of resources, graphical techniques available to display project schedules and the significance of the critical path and float; and 3. cost planning in a project context, lease/buy decisions, project funding, cost definition, estimating methodologies, sources of data, contingency funds, oppor tunity studies, feasibility studies, cost benefit analyses, discounted cash flow analysis, sensitivity studies, project selection criteria, monitoring and control procedures and earned value analysis.

MGT8027 PROJECT HUMAN RESOURCES, COMMUNICATIONS AND INTEGRATION MANAGEMENT (FOBUS - PGRD)

Units 1.0 (Project Management) Band 3A

The course examines the following: identification of the environment in which projects are carried out; the extensive range of stakeholders who have an interest in the project outcomes; identification and es tablishment of an appropriate organisational structure; development of the project management team; the legal environment in which projects are carried out; communications requirements to ensure that all stakeholders are adequately informed; development of a formal project management information system (PMIS); the need for an in tegrated approach to the planning of a project in its early stages; methodologies by which complex project management processes are integrated; the importance of planning and defining a project at the early stages; the need for adequate change control processes; the value of periodic project reviews and post-completion audits.

MGT8028 PROJECT TENDERING AND CONTRACTING (FOBUS - PGRD)

Units 1.0 (Project Management) Band 3A

The course examines the following: (1) Definition of project require ments, definition of project deliverables to be provided through out sourcing, with consideration of risk management, quality management and operational and disposal issues over the operational life of the deliverables (2) Selection of an appropriate procurement strategy and contractual relationship for simple and complex projects (3) Definition of tendering and contracting processes and consideration of scope, time and cost management, and ethics, governance and probity (4) Identification and confirmation of prospective contractors and suppliers, and establishment of processes for submission of offers (5) Evaluation of offers using section criteria, selection of preferred contractor and supplier, negotiation of final offer and acceptance of offer (6) Creating contractual relationships including formation of appropriate contracts between client/sponsor and principal contrac tors, sub-contractors and suppliers (7) Agency and the law of torts, including fiduciary responsibilities, negligence and duty of care (8) Ensuring completion of contractual obligations by both parties includ ing contract administration, duty of care, cost management, time management and consideration of intellectual property (9) Dispute resolution, breach of contract and termination and completion. (10) Project completion and handover of project outcomes to end-users. The course does not require any prior study of project management, but students would benefit from having project management industry experience or by having completed studies in the area of project management beforehand.

MGT8030 PERFORMANCE MANAGEMENT AND PEOPLE DEVELOPMENT (FOBUS - PGRD)

Units 1.0 (Human Resource Management) Band 3A

It is the responsibility of managers and leaders of organisations to ensure the full potential and talent locked up in the organisation's human resources are utilised and developed. It is only through skills and competencies enhancement that organisations are able to compete, survive and be successful in an increasingly volatile and uncertain business environment. This requires a professional ap proach to the management of work performance and to the continuous development of staff. Through a strategic approach to performance management and people development organisations not only develop people, but the organisation as a whole. The underlying philosophy is therefore that through effective performance management and the concomitant development of human resources, organisations are more able to compete and be successful in a sustainable way. This course deals with issues that relate to how the strategic performance targets of organisations can be supported and achieved through managing the performance of staff and the continuous development of employees as individuals as well as groups. The main focus is on learning experiences and interventions that are intended to change and improve the behaviour and performance of the members of or ganisations in order to bring about improved organisational perfor mance and personal growth.

MGT8031 GLOBAL ISSUES IN EMPLOYMENT RELATIONS (FOBUS - PGRD)

Units 1.0 (Industrial Relations) Band 3A

The relations between `employers' (and managers as their `agents' in the workplace) and workers (or non-managerial employees mainly) throughout the world have faced enormous pressures arising from changes related to things like the information communication technol ogy revolution, economic globalization, increased domestic and inter national competition and other political and socio-economic pressures. Amongst others, organisations are pressured into becoming increas ingly more flexible, efficient and productive. This course will assist students in developing an understanding of the complexity of these relations by putting it into an appropriate contextual setting, and by focusing on several critical issues surrounding the management of work and working people in a contemporary world. The course adopts a critical perspective on a range of issues arising from employment relations and the broader socio-economic and political contexts within which these develop. `Global issues in employment relations' introduces the management student to relevant `industrial relations' theory in a `post-industrial' context of globalization and the `informa tion-age' (or `knowledge age'). It challenges managers of today and the future to identify burning issues and alternative frameworks or approaches that lead to a more sustainable world. The course con siders, from an analytical and critical angle, aspects that relate to various concepts and themes such as human resource management, employee participation, trade unionism and empowerment. Apart from the global emphasis there are also specific international com parative perspectives weaved into this course.

MGT8032 INTERNATIONAL MANAGEMENT (FOBUS - PGRD)

Units 1.0 (Human Resource Management) Band 3A

This course provides an advanced study of the contextual, organisa tional and managerial issues associated with the management of firms across national and cultural boundaries for global competitive ness. The focus is on the strategic management issues of internation al or global management. The themes examine multinational man agement in a changing world, national cultures; the institutional con text of multinational management; strategic management and sus tainability in the multinational company; international cooperative al liances; international human resource management and international negotiation, ethics and cross-cultural communication. It expands a few of your international management competencies, challenges you to gain an insight into the management of international firms and assists you to anticipate fulfilling a managerial role in a multinational company. The assignments expose you to companies expanding into the Asia Pacific and it will challenge you to deal with complexities of international management.

MGT8033 LEADING ORGANISATIONAL CHANGE (FOBUS - PGRD)

Units 1.0 (Organisation Management) Band 3A

The course starts with a typical introductory perspective which assists you to understand the nature of change, some meta-models of change and consider change complexities and drivers of change. It considers how to manage change and provides some guiding principles for change and how to resolve some of the dilemmas of change. The first section ends with a consideration on designing organisations and the internationalism of change. The course then moves on to the key area of diagnosis and interventions and provides information on the processes involved and details information on such interven tions as self-designing organisation, the learning organisation, inter ventions for people and process, interventions for strategy and structure and closes with diagnosis and interventions for organisa tional transformation and change in unpredictable environments. The last module considers issues in managing organisational change, including change paths, key factors in managing change, processes that humans undergo, the differences between hard and soft inter ventions and their impact. The course ends with a consideration of change in a global setting.

MGT8034 STRATEGIC MANAGEMENT OF HUMAN RESOURCES AND INNOVATION (FOBUS - PGRD)

Units 1.0 (Organisation Management) Band 3A

Pre-requisites: MGT5000 or equivalent

This course is an advanced study of strategic human resource man agement (SHRM) and innovation in practice. The course is designed to not only provide students with knowledge but to relate knowledge to practice specifically relating to a range of SHRM policies, proce dures and frameworks. It uses the resource-based view of strategy as a basis to formulate policies and practices by applying SHRM to business needs, including staffing policies, succession planning and strategies for retrenchment, job design, remuneration, performance management and occupational health and safety. Modern managers require assistance from HR planners in such a way that HR strategies are assets manifest in meeting business goals. The course navigates its way through various HR theoretical frameworks and demonstrates how policies and procedures can be enacted to assist managers to improve performance targets and performance metrics. The course is designed to develop problem solving and critical reflection skills to help students solve complex organisational problems across differ ent contexts.

MGT8035 MANAGEMENT CONSULTING (FOBUS - PGRD)

Units 1.0 (Organisation Management) Band 3A

The first theme of this course assists the student to investigate the major features of changes in the business environment and their impact on clients' use of consultancy as well as changes in the management consulting industry. The second theme of this course has a focus on analysing your consulting skills and building business networks. The third theme deals with establishing a smaller consul tancy or developing a consulting career in major multinational com panies. The fourth theme deals with areas of specialisation in consult ing. In the assignments of this course students are required to analyse the changes in the consulting industry and to analyse application of these concepts and practices in a company or situation of their choice.

MGT8037 TEAM LEADERSHIP (FOBUS - PGRD)

Units 1.0 (Organisation Management) Band 3A

This course is designed to fulfil two purposes. It is first and foremost intended to equip business leaders and managers with a mix of the ory and practical tips to assist them to lead teams and groups in their organisations. The practice relevant content in the course comes from the recommended text, which has plenty of workplace related content on topics including: communication within groups and teams, systems and group development theories as tools to help you think about groups and teams, shared and vertical forms of group/team leadership, managing group and team meetings, decision-making and problem solving, power and conflict in groups/teams and technol ogy and virtual groups/teams. To balance the hands-on feel of the text, the written assessment required in this course will afford students the opportunity to become familiar with their personal professional framework team leadership. This framework refers to the mixture of theory, personal insights and experience that students draw upon when enacting a group/team leadership role.

MGT8038 LEADERSHIP DEVELOPMENT (FOBUS - PGRD)

Units 1.0 (Organisation Management) Band 3A

This course is designed to allow current and/or prospective leaders in organisations to reflect on the nature of leadership and the devel opment thereof in organisations, from theoretical as well as practical perspectives. Those enrolled in this course are challenged to apply analytical and critical thinking about what organisational leadership is all about and what concomitant challenges relate to developing the leadership capabilities of organisations. The focus is both on the leader and on leadership. Relevant theoretical perspectives and de velopments are explored and those enrolled are then also challenged to consider the actual organisational implications and relevance of these. Relevance and implications at the level of the individual are also not neglected. The second half of the course specifically focuses on content, process and context aspects related to leader and lead ership development. This course can be regarded as the foundation course for the Leadership specialisation offered at postgraduate level through the Faculty of Business and Law.

MGT8039 STRATEGIC LEADERSHIP (FOBUS - PGRD)

Units 1.0 (Organisation Management) Band 3A

Top-level managers guide organisations in ways that result in sus tainable performance that is optimally beneficial to all its stakeholders. The primary responsibility for thinking and acting strategically rests with the top leadership echelons from the smallest to the largest multinational conglomerate corporation as well as to other types of organisations (such as in the public sector). Organisational leaders most likely include chief executive officers, managing directors and other members of boards of directors and general managers; collec tively, these managers play a role in top management teams. Leaders usually have responsibilities and accountabilities that cannot be del egated. As such they have to make decisions that affect the direction and success of the organisation. Leaders require superior levels of holistic, conceptual and strategic thinking abilities. Top management positions carry with them inherently risky outcomes often resulting in 'fallen idols' and rejection by the Board of Directors. Top-level leaders are expected to lead organisations through continuous strategic renewal and transformational change; their responsibilities extend to transforming the organisation to become 'high-performing' and 'world-class.' As a result, leaders are required to add value to stakeholder interests in a balanced way. This course is aimed at ad dressing the complexity of strategic leadership and application of leadership principles in practice. Other issues covered in the course include corporate governance, top management team dynamics, ethical practices, strategic performance management, knowledge management, organisational culture and strategic change.

MGT8040 ENTREPRENEURSHIP, INNOVATION AND CREATIVITY (FOBUS - PGRD)

Units 1.0 (Business Management) Band 3A

The course starts with the consideration of the nature and challenge of entrepreneurial work and specifically aims at putting into place the initial building blocks for coming to better grips with the exciting and increasingly prominent field of theory and practice related to creativ ity, innovation and entrepreneurship. Consideration moves to helping you to develop your own capacity to be creative and show how cre ativity can be put to work in organisational contexts. The nexus be tween creativity and innovation is then considered and what innova tion means and entails and where it comes from. Finally, you will be exposed to a number of managerial leadership challenges including the different ways or options of going into business, how to do market research, analyse entrepreneurial opportunities, how to draft a busi ness plan, how to finance new and growing entrepreneurial ventures and their legal considerations.

MGT8070 PROPERTY DEVELOPMENT (FOBUS - PGRD)

Units 1.0 (Project Management) Band 3A

The course examines the following: (1) an introduction to the concept of property development, (2) land use, the multiple layers of govern ment and their implications for property development, (3) the range of market sectors involved in property development, (4) the wide range of key stakeholders involved in property development, (5) property development models and processes, (6) selection of suitable sites and conceptualisation of the project outcomes, (7) the financial and economic aspects of property development, (8) organisational structures suitable for acquisition of real property assets and property development, (9) principles of property construction processes and management, (10) acquisition, marketing and sale of real property assets, and (11) guidelines for sustainable property development. The course is structured to provide a broad overview of the processes associated with property development, and is not designed to provide a high level of financial and/or construction skills. The course does not require any prior study of property, but does require students to develop basic spreadsheet skills in carrying out simple financial cash flow analyses.

MGT8072 PROPERTY OWNERSHIP MANAGEMENT (FOBUS - PGRD)

Units 1.0 (Business Mgt not classified) Band 3A

The course examines the following: (1) an introduction to the concept of property ownership and investment, (2) an overview of property as an asset, (3) alternative investment strategies that are available, (4) measures of property investment performance, (5) the use and application of Cost Benefit Analysis in property economics, (6) the use and application of various forms of cash flow analysis for the property market, (7) the use and application of discounted cash flow analysis for long term investment in property assets, (8) the various options and sources available for funding of property ownership, (9) financial structures suitable for property ownership, (10) valuation of property as an asset, (11) the effects of taxation on property owner ship and investment, and (12) management of risk in property own ership. The course is structured to provide a broad overview of the financial and economic implications of property ownership and asset management, and is not designed to provide a high level of economic skills. The course does not require any prior study of economics, but does require students to develop basic spreadsheet skills in carrying out financial cash flow analyses. Formerly FIN8072 Property Owner ship.

MGT8888 SPECIALIST ELECTIVE (FOBUS - PGRD)

Units 1.0 (Business and Management) Band 3A

This course is used for administrative purposes only.

MGT9601 DOCTOR OF BUSINESS ADMINISTRATION DISSERTATION A (FOBUS - RSCH)

Units 2.0 (Business Mgt not classified) Band 3A

Pre-requisite: (BUS8401 or MGT8401) and (BUS8402 or MGT8402) and (BUS8403 or MGT8403) and (BUS8404 or MGT8404)

The first course in the eight-unit dissertation will normally focus on refining the research proposal and will be decided in consultation with the principal supervisor and course leader. Students will submit the reworked proposal or other work which will carry 100% of the course marks by Week 12 in the current semester of enrolment. The research proposal should adhere to PhD dissertation proposal specifications for proposals and will be evaluated by the normal Faculty research presentation and thereafter presented to the Office of Research and Higher Degrees.

MGT9602 DOCTOR OF BUSINESS ADMINISTRATION DISSERTATION B (FOBUS - RSCH)

Units 2.0 (Business Mgt not classified) Band 3A

Pre-requisite: (BUS8401 or MGT8401) and (BUS8402 or MGT8402) and (BUS8403 or MGT8403) and (BUS8404 or MGT8404)

The second course in the eight-unit dissertation will consist of the candidate formulating the introductory chapter of the dissertation, which may include inter alia background to the research, research problems, hypotheses or issues, justification, delimitations, definitions and terms according to the general DBA guidelines. Students will have submitted the introductory chapter which will carry 100% of the course marks by Week 12 in the current semester of enrolment.

MGT9603 DOCTOR OF BUSINESS ADMINISTRATION DISSERTATION C (FOBUS - RSCH)

Units 2.0 (Business Mgt not classified) Band 3A

Pre-requisite: (BUS8401 or MGT8401) and (BUS8402 or MGT8402) and (BUS8403 or MGT8403) and (BUS8404 or MGT8404)

Under the general direction of the supervisor in this third course of the eight-unit dissertation, the candidate writes the literature review chapter(s) of the dissertation. Supervisors, course leader and candi date will consult on an ongoing basis during this period. Students will have submitted the literature review chapter(s) which will carry 100% of the course marks by Week 12 in the current semester of enrolment.

MGT9604 DOCTOR OF BUSINESS ADMINISTRATION DISSERTATION D (FOBUS - RSCH)

Units 2.0 (Business Mgt not classified) Band 3A

Pre-requisite: (BUS8401 or MGT8401) and (BUS8402 or MGT8402) and (BUS8403 or MGT8403) and (BUS8404 or MGT8404)

This fourth course in the eight-unit dissertation will normally focus on the dissertation methodology and may include inter alia information on research paradigms, research processes and the plan for data analysis. Supervisors, course leader and candidate will consult on an ongoing basis during this period. Students will have submitted the dissertation methodology chapter which will carry 100% of the course marks by week 12 in the current semester of enrolment.

MGT9605 DOCTOR OF BUSINESS ADMINISTRATION DISSERTATION E (FOBUS - RSCH)

Units 2.0 (Business Mgt not classified) Band 3A

Pre-requisite: (BUS8401 or MGT8401) and (BUS8402 or MGT8402) and (BUS8403 or MGT8403) and (BUS8404 or MGT8404)

This course is a continuation of MGT9604 and a complement of MGT9606 that follows. In these courses the candidate should be at work on the basic substance of the dissertation itself. The fifth course in the eight-unit dissertation will normally focus on preliminary data gathering and analysis. Supervisors, course leader and candidate will consult on an ongoing basis during this period. Students will have submitted evidence of data analysis to the satisfaction of the super visor, which will carry 100% of the course marks by Week 12 in the current semester of enrolment.

MGT9606 DOCTOR OF BUSINESS ADMINISTRATION DISSERTATION F (FOBUS - RSCH)

Units 2.0 (Business Mgt not classified) Band 3A

Pre-requisite: (BUS8401 or MGT8401) and (BUS8402 or MGT8402) and (BUS8403 or MGT8403) and (BUS8404 or MGT8404)

This course is a continuation of the preliminary data gathering and analysis for the dissertation. The sixth course in the eight-unit disser tation will normally focus on the writing the Results chapter of the dissertation. Supervisors, course leader and candidate will consult on an ongoing basis during this period. Students will have submitted the final results chapter which will carry 100% of the course marks by Week 12 in the current semester of enrolment.

MGT9607 DOCTOR OF BUSINESS ADMINISTRATION DISSERTATION G (FOBUS - RSCH)

Units 2.0 (Business Mgt not classified) Band 3A

Pre-requisite: (BUS8401 or MGT8401) and (BUS8402 or MGT8402) and (BUS8403 or MGT8403) and (BUS8404 or MGT8404)

In this seventh course the candidate is expected to write the final discussion and conclusions chapter of the dissertation. This chapter may inter alia include an outline of findings, acknowledgement of limitations, recommendations for future research and applications in management practice. Supervisors, course leader and candidate will consult on an ongoing basis during this period. Students will have submitted the conclusion chapter which will carry 100% of the course marks by week 12 in the current semester of enrolment.

MGT9608 DOCTOR OF BUSINESS ADMINISTRATION DISSERTATION H (FOBUS - RSCH)

Units 2.0 (Business Mgt not classified) Band 3A

Pre-requisite: (BUS8401 or MGT8401) and (BUS8402 or MGT8402) and (BUS8403 or MGT8403) and (BUS8404 or MGT8404)

The final course in the eight-unit dissertation will normally focus on re-writing, corrections and revisions of all the chapters in the disser tation. Supervisors, course leader and candidate will consult on an ongoing basis during this period. Supervisors can recommend the acceptance of the dissertation for external examination. Examiners may require revisions, and a moderator will verify if the student ad dressed the examiners' requirements. The final grade for this course will depend on the external examiners' assessment of the dissertation.

MHN5120 ADVANCED MENTAL HEALTH NURSING 1 (FOSCI - PGRD)

Units 1.0 (Mental Health Nursing) Band 4

Pre-requisite: Students must be enrolled in the following Program: MMHN.

This course has two modules. The first will introduce students to complementary theoretical perspectives used in mental health nursing including Peplau's theory of interpersonal relationships, the be haviourist perspective, the cognitive approach, the psychoanalytic perspective, and the humanist perspective. Students will be encour aged to apply these theories directly to practice. The second module of this course will relate these theories to mental health nurses' un derstanding of mental illnesses.

MHN5130 COUNSELLING AND GROUP WORK (FOSCI - PGRD)

Units 1.0 (Mental Health Nursing) Band 4

Pre-requisite: Students must be enrolled in Program MMHN.

This course focuses on counselling, an interpersonal activity which helps the client develop self-understanding, self-awareness and problem solving abilities. This course will use theoretical models for therapeutic relationships as well as using the ACMHN Standards of Practice for Australian Mental Health Nurses 2010 as a framework for practice. In this course students will develop advanced skills in interpersonal communication, developing a therapeutic nurse patient relationship, one to one counselling, and group leadership. Effective counsellors must have an understanding and awareness of them selves, therefore developing of self will be an important aspect of this course. Students will also be expected to gain an understanding of the cultural basis of interpersonal communication and an awareness of the need to be open to different styles of communication that can impact on inter-cultural interactions. There is a requirement to attend a one week residential in this course.

MHN5160 ADVANCED MENTAL HEALTH NURSING 2 (FOSCI - PGRD)

Units 1.0 (Mental Health Nursing) Band 4

Pre-requisite: MHN5120 and Students must be enrolled in the following Program: MMHN.

This course builds on the learning about theoretical perspectives, the National Practice Standards for the Mental Health workforce and the ACMHN Standards of Practice for Australian Mental Health Nurses 2010 in MHN5120. The nurses' understanding of mental ill ness and the conventional psychological interventions, physical treatments and psychopharmacology as well as current issues, such as, mainstreaming and integration will be explored. They will be en abled to critically evaluate alternative, holistic and empowering ap proaches to the care of clients from across the lifespan in a range of settings including community, rehabilitation, acute inpatient and specialty areas, with an emphasis on inter-cultural care. Students will have the opportunity to apply knowledge and develop the related skills and attitudes appropriate when working with a person with a mental illness utilising the theoretical perspectives and standards of practice covered in MHN5120.

MHN5170 HEALING AND THERAPEUTICS (FOSCI - PGRD)

Units 1.0 (Mental Health Nursing) Band 4

Pre-requisite: MHN5130 and Students must be enrolled in the following Program: MMHN.

This course builds on the skills developed in MHN5130 Counselling and Group Work, by exploring and practicing a therapeutic modality. While using the ACMHN Standards of Practice for Australian Mental Health Nurses 2010 as a framework for practice, students will develop skills in a therapeutic approach which will enable them to work with clients from across the lifespan and in a range of settings while being aware of the cultural basis of therapeutic strategies and of the need to adapt an inter-cultural approach to clients. Students will be given the opportunity to explore and practice advanced skills in one or more areas of their interest.

MID8001 PREPARATION FOR MIDWIFERY PRACTICE (FOSCI - PGRD)

Units 1.0 (Midwifery) Band 4

Pre-requisite: Students must be enrolled in the following Program: MMID

The woman-centred partnership between mother and midwife is a central to this course building on knowledge and experience of prima ry health care, interpersonal communication and education principles. The course introduces concepts relating to safety, partnership forma tion, and cultural variations in childbearing practice The student will learn how to provide midwifery care and support for well women from pre-conception through pregnancy, birth and the postnatal period using the continuity of care model. To support personal and profes sional development, a process of reflection on practice will be intro duced. A residential school of one week will provide intensive instruc tion to prepare students for beginning midwifery practice.

MID8070 MIDWIFERY FOUNDATIONS (FOSCI - PGRD)

Units 1.0 (Midwifery) Band 4

Pre-requisite: Students must be enrolled in the following Program: MMID

The socio-historical-cultural context of childbearing and midwifery will be explored. The childbearing module uses a biopsychosocial approach for organising learning around episodes of care beginning pre-conceptually flowing through to late pregnancy. Aspects of pregnancy in an integrated way which is linked to midwifery practice in MID8001.

MID8073 MIDWIFERY AND COLLABORATIVE CARE 1 (FOSCI - PGRD)

Units 1.0 (Midwifery) Band 4

Pre-requisite: MID8001 or MID8070 (Pre-registration students only) and Students must be enrolled in the following Program: MMID.

The course builds on knowledge and skills introduced in MID8070 and MID8001. The emphasis is on the perinatal and postnatal period. Students will appraise a variety of models of care offered through maternity services. Pathophysiology and associated management including pharmacology of alterations from normal childbirth provide the foundation for midwifery care. Concepts for clinical decision making for complexities in infant feeding issues will be explored. Students will learn to apply evidence informed practice using Page's five steps of midwifery inquiry. This course includes a one (1) week residential school to facilitate interprofessional network development within the health care system through a USQ partner hospital.

MID8074 MIDWIFERY AND COLLABORATIVE CARE 2 (FOSCI - PGRD)

Units 1.0 (Midwifery) Band 4

Pre-requisite: MID8001 and MID8070 and Students must be enrolled in the following Program: MMID Co-requisite: for MMID pre-registration Students: MID8073

The course will develop the knowledge, attitudes and skills for detec tion and management of women and neonates who experience complications of childbearing including the associated pharmacolog ical management The course introduces common antenatal screening tests and some of the obstetric complications which they are used to detect. Principles of consultation and referral will underpin midwifery clinical decision making. The needs of the neonate experiencing common complications and the impact on infant feeding associated with maternal or neonatal complications are identified. Students will be able to self-appraise their beginning midwifery practice using the Australian Nursing and Midwifery Council's National Competency Standards for the Midwife during concurrent professional experience practice in their designated hospital.

MID8077 RESEARCHING PRACTICE (FOSCI - PGRD)

Units 1.0 (Midwifery) Band 4

Pre-requisite: MID8001 and MID8070 and MID8073 and MID8074 and MID8075 and MID8076 and be enrolled in Program: MMID

Using Page's five steps students will undertake a process of evalua tion of their role as lead professional midwife for the continuity of care for eight women. Students will compile a portfolio of evidence in rela tion to the ANMC National Competency Standards for the Midwife. The student will also complete all the clinical assessments required of them as part of their Professional Placement Experience. The student's observed competency in the designated clinical skills will be documented and submitted by way of their personal Professional Practice Portfolio. Students will have their midwifery practice observed over the semester by an experienced midwife to ensure that they are able to objectively meet the ANMC National Competency Standards for the Midwife. On successful completion of this course they will be eligible to apply to the Australian Health Practitioners' Regulation Authority: Nursing and Midwifery Board for midwifery registration.

MKT1001 INTRODUCTION TO MARKETING (FOBUS - UGRD)

Units 1.0 (Marketing) Band 3A

Marketing is a central function of all organisations that serve a client base. Identifying and meeting the needs of key customer groups is critical to achieving organisational objectives. This course provides an overview of the theories and principles of marketing required for effective business practice. This course provides an introduction to the marketing function of the organisation. The focus is on how or ganisations identify the needs of their target markets, understand the buying behaviour of their target markets, and develop a marketing mix (comprising product, price, promotion and placement) to satisfy the needs and wants of these markets. While the course has a theo retical base, practical application of the concepts of marketing to 'real-world' situations is an essential element.

MKT1002 CONSUMER BEHAVIOUR (FOBUS - UGRD)

Units 1.0 (Sales and Marketing not elsewh) Band 3A

Co-requisite: MKT1001

This course develops in depth the basics of consumer behaviour in troduced in MKT1001 Introduction to Marketing. It is based upon the premise that consumers are the key to success of any marketing effort and hence marketers need to know how and why consumers behave the way they do. The course examines in detail the environmental influences, individual differences and psychological processes which influence the consumption process. Consumer trends are examined through case analysis, media study and real life application.

MKT2001 PROMOTION MANAGEMENT (FOBUS - UGRD)

Units 1.0 (Sales and Marketing not elsewh) Band 3A

Pre-requisite: MKT1001

This course addresses the promotional elements of the marketing mix. The focus is upon developing an integrated marketing commu nication mix which presents a clear and consistent message to the marketing organisation's customer base. The various elements in the integrated marketing communications mix including advertising, sales promotion, public relations, personal selling, direct marketing, and internet marketing are examined. In this course, you will learn how to develop and evaluate promotional plans including source, message and media elements. This course builds on the knowledge acquired in MKT1001 Introduction to Marketing and MKT1002 Con sumer Behaviour.

MKT2002 GLOBAL MARKETING (FOBUS - UGRD)

Units 1.0 (Business Mgt not classified) Band 3A

Pre-requisite: MKT1001

The impact of increasing global competition on international and do mestic markets sees many businesses viewing their market as do mestic and global, and seeking to use their sustainable competitive advantage to compete in those markets. This course aims to provide students the opportunities to apply relevant marketing theories into real-world practice with the emphasis on 'how to do' rather than 'what to do'. The main perspective students will take out of this course is how they can provide support and reliable market information to assist management in making strategic global marketing decisions. This course begins with an in-depth analysis into the global marketing environments and examines their implications on businesses and then addresses the importance of relationships and networks, and management of marketing crises.

MKT2004 MARKETING CHANNELS (FOBUS - UGRD)

Units 1.0 (Sales and Marketing not elsewh) Band 3A

Pre-requisite: MKT1001

The study of marketing channels addresses the distribution or place element of the marketing mix. The course takes a managerial ap proach to the distribution problem. Channel intermediaries, such as wholesalers and retailers are discussed. A formal process for the design of an effective and efficient marketing channel is examined. The impact of the other elements of the marketing mix on channel management is considered. Channel management issues such as power and conflict, communication and channel evaluation are also addressed.

MKT2012 SERVICES MARKETING (FOBUS - UGRD)

Units 1.0 (Sales and Marketing not elsewh) Band 3A

Pre-requisite: MKT1001

The theme of the course is that services (both commercial and not-for-profit) possess several unique characteristics that require a dis tinctive approach to marketing strategy - both in its development and execution. This is not to imply that the approach is unique, but rather distinctive. Therefore we build upon and expand the marketing con cepts and models, and then adapt them to the services sector. We use marketing to examine how to improve service quality, increase and maintain customer satisfaction levels, generate customer loyalty, and create a healthy service culture within the firm. In services we discuss the 7 Ps of the 'Services Marketing Mix' (the traditional 4 Ps plus people, processes, and physical evidence). Since many services have a strong people or employee component (the fifth "p" of the marketing mix), time is devoted to examining successful internal

MKT2020 SPORTS MARKETING (FOBUS - UGRD)

Units 1.0 (Marketing) Band 3A

This course will take a consumer and market based approach where it will cover the general differences between marketing of sport and marketing of other products and services. It will also explore the complexities of sport as a multidimensional 'product' serving many and varied publics. The issue of the marketing 'of' sport versus mar keting 'using' sport will also be examined as will a comprehensive background of the sport industry and the role of sport in society. Contemporary issues such as globalisation and the future direction of sport will also be explored in this course.

MKT3001 APPLIED BUSINESS RESEARCH (FOBUS - UGRD)

Units 1.0 (Sales and Marketing not elsewh) Band 3A

An understanding of the research process is important in making business decisions because it enables the decision-maker to be critical of information received. This course takes a practical approach to business research. In this course students will be exposed to dif ferent research designs, explore the relationships between research questions and research designs, interpret data and turn raw data into useable, relevant and meaningful management information that can be used to facilitate management decision making.

MKT3002 BUSINESS STRATEGY IN A GLOBAL ENVIRONMENT (FOBUS - UGRD)

Units 1.0 (Business Management) Band 3A

This course provides an integrative culmination to the development of student knowledge and skills presented in the earlier courses in his/her area of major study. It is specifically designed to provide stu dents with a systematic approach to environmental analysis, strategic choice, enacting strategy in an increasingly complex, globalised business environment. The course focuses on management decision making from a business strategy viewpoint. The use of analytical tools and processes as a means of developing and improving man agerial decision making is developed in this course. The study of business strategy should be seen as the capstone of a professional business education. Assessment is by written assignment and exam ination. Since this is an integrative course which draws on prior sub ject areas, it is advisable that students complete this course in the final year of their study.

MKT3006 SMALL AND MEDIUM ENTERPRISE DEVELOPMENT (FOBUS - UGRD)

Units 1.0 (Business Management) Band 3A

Pre-requisite: ACC1101 and MKT1001

This course addresses the three critical areas within the `history' of an SME. These include development and planning, management and implementation and business future. In the development and planning section, students will be asked to address all issues which contribute to the writing of an appropriate business plan. In the management and implementation section issues relating to the suc cessful implementation of the business plan and on-going functional management tasks will be addressed. Finally, the business future section will examine issues which impact upon the future direction of the SME, including impacts of environmental factors and growth aspirations. Throughout the course, students will be required to continually apply the concepts and principles to their selected SME case enterprises. Reference will also be made to many other SMEs to provide as wide a context mix as possible.

MKT3007 MARKETING STRATEGY (FOBUS - UGRD)

Units 1.0 (Marketing) Band 3A

Pre-requisite: MKT1001 or MKT1002

This course is the capstone course for the marketing major and as such builds upon and consolidates previously acquired knowledge of marketing concepts and principles. The course introduces the theory and practice underpinning strategic marketing planning and develops a sound understanding of strategic analysis and marketing strategy alternatives. Students are required to conduct a full marketing audit for a selected organisation and to produce a marketing plan to address a specific organisational marketing strategy related 'problem'. Throughout the course, emphasis is on appropriately using marketing strategy and strategic marketing decision making theory to solve significant marketing problems.

MKT5000 MARKETING MANAGEMENT (FOBUS - PGRD)

Units 1.0 (Marketing) Band 3A

This course aims to inform students of the nature of marketing as seen from a management perspective in the context of today's rapidly changing environment. The course will stress an empirical approach, questioning the existing theory and providing new insights into the marketing process through critical reading and research. This course will offer case study and field coverage of global and local firms. Once students have mastered the basics, they will be expected to use this information in problem-solving via a case study approach, both simulated and real-world. The essential roles of the marketing mix, marketing planning, implementation and control will be stressed, with emphasis on marketing strategy in response to rapidly changing environmental factors. This course is part of the core of the MBA program as well as serving as the co-requisite for each of the three courses which comprise the postgraduate coursework specialisation in Marketing.

MKT8001 BUYER BEHAVIOUR (FOBUS - PGRD)

Units 1.0 (Sales and Marketing not elsewh) Band 3A

This course will take an integrated approach to buyer behaviour fo cusing on how the psychological and behavioural concepts can be used to develop and evaluate marketing strategies. This course will begin with an overview and critique of the basic organisational and consumer decision processes, followed by a detailed examination of the process phases and factors that may impact each phase. At each stage the processes will be considered in terms of their relevance for the development and implementation of effective marketing strategies.

MKT8002 INTERNATIONAL MARKETING (FOBUS - PGRD)

Units 1.0 (Business Mgt not classified) Band 3A

International marketing focuses on the opportunities and challenges of marketing new and existing products or services in the international marketplace. With the increasing complexity of conducting businesses in the global environment, international marketing managers are confronted with numerous strategic issues and decisions that can impact on the success of the organisation in the global marketplace. This course provides students with an appreciation of international marketing by examining the key issues facing companies that aim to compete successfully globally. It combines extensive coverage of the relevant theories with a practical approach to the issues and broadens the way students view international markets and marketing strategically.

MKT8003 SERVICES MARKETING MANAGEMENT (FOBUS - PGRD)

Units 1.0 (Sales and Marketing not elsewh) Band 3A

The course focuses on the unique challenges of managing services and delivering quality service to customers. The attraction, retention, and building of strong customer relationships through quality service (and services) are central to the course content. The course is equally applicable to organisations whose core product is service (e.g., banks, transportation companies, hotels, hospitals, professional services etc.) and to organisations that depend on service excellence for competitive advantage (e.g., high technology, manufacturers and industrial products, etc.). In this course you will learn critical skills and gain knowledge needed to implement quality service and service strategies for competitive advantage across industries. Also, frame works for customer-focused management and how to increase cus tomer satisfaction and retention through service strategies are dis cussed. Other topics that will be addressed include service recovery, service mapping, linking customer management to performance measurement and cross-functional treatment of issues through inte gration of marketing with disciplines such as operations and human resources. This course provides pivotal content for tomorrow's busi nesses as they structure around process rather than task, and attempt to build strong relationships with their customers.

MKT8009 INTEGRATED MARKETING COMMUNICATION (FOBUS - PGRD)

Units 1.0 (Sales and Marketing not elsewh) Band 3A

This course addresses the promotional elements of the marketing mix. The focus is upon developing an integrated marketing commu nication mix which presents a clear and consistent message to the marketing organisation's customer base. The various elements in the integrated marketing communications mix including advertising, sales promotion, public relations, personal selling, direct marketing, and internet marketing are examined. In this course, you will learn how to develop and evaluate promotional plans including source, message and media elements. This course builds on the knowledge acquired in MKT1001 Introduction to Marketing and MKT1002 Con sumer Behaviour, and MKT2001 Promotional Management, develop ing a broader and deeper theoretical understanding, as well as a more sophisticated and comprehensive application of Integrated Marketing Communication principles and practices.

MMS1003 FUNDAMENTALS OF MEDIA (FOART - UGRD)

Units 1.0 (Journalism) Band 1

This course introduces skills required in the area of Television and Film/Video Production. Students will learn the essential elements of each medium and will focus on the development of basic practical and theoretical skills. Students will be expected to attend lectures and workshops where they will develop their abilities to understand and demonstrate technical and artistic competence in the media areas of Television and Film/Video Production.

MMS1011 LOCATION PRODUCTION (FOART - UGRD)

Units 1.0 (Journalism) Band 1

This course provides students with the necessary training in order to confidently and safely operate a professional digital video camera in a variety of locations. Students will learn via practical exercises skills such as video composition, manual focus, exposure, white balance, coverage requirements, location survey needs, types of microphones and external audio sources, interior and exterior lighting and camera care.

MMS1012 EDITING (FOART - UGRD)

Units 1.0 (Journalism) Band 1

This course provides students with an understanding of the basic practical skills associated with digital editing. Through the study of analogue and previous non-linear editing styles, students will gain an understanding of the development in technologies and the guiding principles for video editing. This learnt knowledge will be balanced with practice in non-linear editing and build on camera and audio exercises completed in MMS1011 Location Production

MMS1013 PRODUCTION MANAGEMENT (FOART - UGRD)

Units 1.0 (Journalism) Band 1

This course will explore the management skills needed for the four areas of production management, including: pre-production, produc tion, post production and distribution stages of a media production. All aspects of pre-production will be examined including identifying and generating story idea, proposal development, project pitching, production budget, schedule, legals, insurance and time management. Equally students will journey through the production process, enter into the editing and post production phase and finally the distribution of the production. Students are working with a 'real' client where they pitch their collective idea to meet the client need and proceed to a finished product. This enables a student to work in a team setting, to explore roles and tasks, to engage with a client and understand the processes that need to be undertaken to secure a production and deliver it on time and on budget.

MMS2011 TELEVISION STUDIO PRODUCTION (FOART - UGRD)

Units 1.0 (Journalism) Band 1

This course provides students with an understanding of the basic skills of video and television production. Students will be introduced to production planning and elementary production techniques, both in the studio and on location. This course cannot be taken as an Option or Elective.

MMS2021 BROADCAST RADIO AND AUDIO PRODUCTION 1 (FOART - UGRD)

Units 1.0 (Journalism) Band 1

This course has been devised to familiarise the student with the basic skills used in radio broadcasting and audio recording in the field. It aims to introduce the beginner to the language of radio and the characteristics of the medium. It is also designed to make students familiar with the use of sound recording studio equipment, the editing suite, and the field recording situation. This course cannot be taken as an Option or Elective.

MMS2022 BROADCAST RADIO AND AUDIO PRODUCTION 2 (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: MMS2021

Media producers must have the ability to pursue projects from con ception to completion. This course requires students to produce a set of significant and innovative radio projects which will involve ad herance to demanding production schedules. The completed works are intended for broadcasting. All students are expected to contribute to regular "live" broadcasts as scheduled throughout the teaching period. This course cannot be taken as an Option or Elective. In ad dition students will use audio production to enhance video production.

MMS2023 DOCUMENTARY AND FACTUAL ENTERTAINMENT (FOART - UGRD)

Units 1.0 (Journalism) Band 1

This course develops in students the organisational, planning and strategic skills required of the documentary and factual entertainment producer. It requires them to demonstrate a grasp of documentary and factual entertainment theory, and to produce a completed original documentary or factual entertainment production in video. This course cannot be taken as an Elective or Option.

MMS2031 SHORT NARRATIVE PRODUCTION (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: MMS2023

This course develops and enhances students' media production skills in the areas of pre-production, production and post-production as they conceptualise and produce a short narrative television project of their own choosing in the medium of video. Projects may be deliv ered in a variety of pre-arranged formats. Emphasis will be placed on projects recorded on location although there are opportunities for studio-based production.

MMS3010 INDEPENDENT PROJECT (FOART - UGRD)

Units 1.0 (Journalism) Band 1

This course provides students with the opportunity to develop skills and knowledge through a practical project. Students will identify their particular area of interest, in one of the following areas: Radio, Audio Production or Multi-cam Television production. The course requires students to identify a set of specific outcomes, seek staff and addi tional industry professional support to achieve the project. It allows for a focused body of work to be undertaken, either individually or establishing a group. The course provides the student with the oppor tunity to combine theoretical understanding with practice. Students will use this course to advance their skills and knowledge with a view to employment and for further career development or study.

MMS3012 ADVANCED BROADCAST TELEVISION (FOART - UGRD)

Units 1.0 (Journalism) Band 1

This course develops skills and knowledge around advance television studio productions. Students will specifically be able to produce and direct a television program and be actively involved in all aspects of the production process. It will provide a framework to experience and explore what television production requires from an individual and they will have to meet specific timeframes that will reflect standard industry practice. During the course, students will develop additional skills in effective use of location cameras to ensure a quick turnaround of content for a television program.

MMS3021 MAJOR FILM PRODUCTION (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: MMS2023 and MMS2031

This course provides an opportunity to expand on the content and form of a short production for the single camera productions style. It requires students to build on knowledge and skills acquired in either MMS2023 Documentary Production and/or MMS2031 Short Narrative Production.

MMS3024 TELEVISION DRAMA (FOART - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: MMS2011 and MMS2031

This course provides an opportunity to expand on the content and form of a short narrative production but with a mixed single/multi-camera approach in production style. It requires students to build on knowledge and skills acquired in both MMS2023 Documentary Pro duction and MMS2011 Television Studio Production.

MMS3026 ADVANCED RADIO AND AUDIO PRODUCTION (FOART - UGRD)

Units 1.0 (Journalism) Band 1

This course develops skills and knowledge around advance radio and audio production practice. It builds on previous radio and audio courses to operate at an advanced level of interaction and profession al practice. It will combine theoretical and practical understanding of radio and broader audio production. Students will take on a more di rect role with the day to day operation of the radio station and studio production.

MMS8000 NEW MEDIA THEORY AND PRACTICE (FOART - PGRD)

Units 1.0 (Communication & Media Studies) Band 1

Pre-requisite: Students must be enrolled in the following Program: MSTA

The media industry is a rapidly evolving landscape. Old models of media production and distribution are being replaced or expanded by digital, on-line technologies. As a result, new media theories and practices are being conceived and created at an exceedingly rapid rate. This course teaches students advanced new media theories and how projects can be produced and delivered across multiple platforms. This can take the form of a project across a number of broadcast arenas, namely, digital or 3D cinema, digital television and radio, and the Web. To enable a practitioner to create such a project a thorough understanding of advanced production skills and technol ogy needs to be achieved.

MMS8001 ADVANCED MEDIA INDUSTRY BUSINESS SKILLS (FOART - PGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

Pre-requisite: Students must be enrolled in the following Program: MSTA

This course teaches business skills specifically for the Media industry. Copyright, media law and ethics, contracts, investment, employment regulations as stipulated by the MEAA, accountancy for media projects and business practices explicitly for the Media Industry, are explained. Additionally, students are taught how to identify and apply for grants from Screen Australia and the State Government funding agencies (eg, Screen Queensland), budget a large scale media pro duction and understand the application process for the Australian Tax Office Tax Offset for feature film, documentary and television production including QAPE. International co-productions, International festivals, Domestic and International broadcasters and dealing with ancillary businesses, such as marketing and P and A, are also ex plored. Enrolment is restricted to Masters students

MSC8001 RESEARCH PROJECT METHODOLOGY (FOSCI - PGRD)

Units 2.0 (Information Technology not els) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: MCOP or MCTE or BSCH

This course forms the first part of the research component of the Honours and Masters programs in the Department of Mathematics and Computing, developed further in MSC8002. It develops the foundation for ultimately completing a selected project in Bioinformat ics, Computing Science, Mathematics or Statistics with the supervision of appropriate staff from the Department of Mathematics and Com puting. The project will consist of review, research into and reporting of a well defined area and its application. In this course, information and ideas for the project will be gathered, organised and a preliminary analysis made in a critical and evaluative manner. The topic of the project will be selected in consultation with the appropriate staff of the Department.

MSC8002 RESEARCH PROJECT DISSERTATION (FOSCI - PGRD)

Units 2.0 (Information Technology not els) Band 2

Pre-requisite: MSC8001 and Students must be enrolled in one of the following Programs: MCOP or MPIT or BSCH or MSMS.

This course forms the final part of the research training component of the Honours and Masters programs in the Department of Mathe matics and Computing. From the foundation established in MSC8001, students will complete a selected project in Bioinformatics, Computer Science, Mathematics or Statistics with the supervision of appropriate staff from the Department of Mathematics and Computing. The project will consist of review, research into and reporting of a well defined area and its applications.

MUI1000 AURAL SKILLS AND TONAL HARMONY (FOART - UGRD)

Units 1.0 (Music) Band 1

This course provides practical instruction and practice in the use of tonal harmony and counterpoint. It also facilitates aural acuity relating to pitch, melody and rhythm. Each succeeding Aural Skills and Tonal Harmony course further develops this acuity.

MUI1001 MUSIC PRACTICE 1 (FOART - UGRD)

Units 1.0 (Music) Band 1

The development of specialised musical skill is the fundamental aim and objective of any music program. As an industry, a field of research and an art form, the diverse nature of the music profession necessi tates clear specialisation within the main areas of Performance, and Music History Studies. In this course students will choose a speciali sation under one of two available modules: Module A performance (for on-campus students); Module B music history studies (for external students). For Module A, expectations about being a practising mu sician are enfolded into a series of structured learning experiences which sustain solid traditional skills in technique and include structured experimental collaborative activities aimed at developing the prototype behaviours of a functional musician. For Module B, stronger emphasis is placed on the documentation of musical experiences.

MUI1002 MUSIC PRACTICE 2 (FOART - UGRD)

Units 1.0 (Music) Band 1

Pre-requisite: MUI1001

The development of specialised musical skill is the fundamental aim and objective of any music program. As an industry, a field of research and an art form, the diverse nature of the music profession necessi tates clear specialisation within the main areas of Performance, and Music History Studies. In this course students will choose a speciali sation under one of two available modules: Module A performance (for on-campus students; Module B music history studies (for external students). For Module A, expectations about being a practising mu sician are enfolded into a series of structured learning experiences which sustain solid traditional skills in technique and include structured experimental collaborative activities aimed at developing the prototype behaviours of a functional musician. For Module B, stronger emphasis is placed on the documentation of musical experiences.

MUI1003 TURNING POINTS IN WESTERN MUSIC (FOART - UGRD)

Units 1.0 (Music) Band 1

This course explores specific stages in music history at which signif icant and influential stylistic change occurred. These stages were usually marked by outstanding examples of originality and creativity. While giving primary emphasis to the 'change' events, the course will also place the stages within a 'before and after' context, showing why the innovations occurred and why they mattered.

MUI1004 AURAL SKILLS AND ADVANCED TONAL HARMONY (FOART - UGRD)

Units 1.0 (Music) Band 1

Pre-requisite: MUI1000

This course provides practical instruction in the use of tonal harmonic techniques including secondary 7ths, chromaticism and modulation. It also provides further instruction and practice in the use of modal and tonal harmony and counterpoint, as well as developing aural acuity relating to pitch, melody, rhythm, harmony and form. Each succeeding Aural Skills and Tonal Harmony course further develops this acuity.

MUI2000 MUSICAL CONTEXTS FROM 1900 TO THE PRESENT: CONCERT MUSIC, JAZZ AND MUSIC THEATRE (FOART - UGRD)

Units 1.0 (Music) Band 1

This course traces the development of three major styles of western music from 1900 to the present day: Concert Music, Jazz and Musical Theatre.

MUI2002 SONG-WRITING AND MUSICIANSHIP (FOART - UGRD)

Units 1.0 (Music) Band 1

Pre-requisite: MUI1004

Song-writing and Musicianship is designed for two groups of students: 1. Second year music specialists who have already studied MUI1000 and MUI1004 who have advanced knowledge of tonal harmony and two semesters experience of intensive aural work; (Modules A and B) 2. Students who have an interest in writing their own songs but do not have a formal music notation background and who have not taken MUI1000 and MUI1004 in their previous studies. (Modules A and C) The material of this course is divided into three Modules. A. Song-writing is Module A and is taken by all students enrolled in this course. Module A provides practical instruction in the art of popular song-writing, covering many diverse styles including blues, swing, rock'n'roll, pop and rap. Elements of song-writing that will be explored include the writing of lyrics, creative word-setting, establishing suitable harmonic frameworks, and melodic invention within the popular idiom. B. Module B represents third-stage aural work for second year music theory major students. This module provides further development of aural acuity relating to pitch, melody, rhythm, harmony and form. C. Module C Music Fundamentals is designed for students requiring a strong foundation in music theory, harmony and aural studies. This module provides practical instruction in the notation of rhythm, pitch, metre, intensity, speed, articulation, phrasing and harmony and the

MUI2003 MUSIC PRACTICE 3 (FOART - UGRD)

Units 1.0 (Music) Band 1

This course develops the musical specialisation of the student, both within groups and as an individual. Each succeeding course in Music Practice will require students to demonstrate a greater degree of conceptual and practical skill development. The first semester Music Practice course will focus on the preparation of a major technical assignment or exam. The second semester Music Practice courses will focus on the preparation of a major repertoire assignment or ex am.

MUI2004 MUSIC PRACTICE 4 (FOART - UGRD)

Units 1.0 (Music) Band 1

Pre-requisite: MUI2003

The development of specialised musical skill is the fundamental aim and objective of any music program. As an industry, a field of research and an art form, the diverse nature of the music profession necessi tates clear specialisation within the main areas of Performance, and Music History Studies. In this course students will choose a speciali sation under one of two available modules: Module A performance (for on-campus students; Module B music history studies (for external students).

MUI2005 INTRODUCTION TO MUSIC TECHNOLOGY (FOART - UGRD)

Units 1.0 (Music) Band 1

This course provides an overview of music engraving, MIDI, sound synthesis/recording/ manipulation and the contemporary digital music studio. The course focus is on music technology as a creative and pedagogic tool.

MUI2006 INTRODUCTION TO POPULAR MUSIC (FOART - UGRD)

Units 1.0 (Music) Band 1

The course will provide a detailed overview of the principal styles of contemporary Western popular music and their historical develop ment. Australian popular music will receive especial focus.

MUI2041 MUSIC TEACHING 1 (FOART - UGRD)

Units 1.0 (Music) Band 1

This course will provide studies in Teaching Pedagogy relating to a particular instrument or voice. Topics include music education philosophies, principles of teaching and learning, repertoire studies, and practical teaching. Studies in the psychology of human and mu sical development will also be commenced.

MUI2042 MUSIC TEACHING 2 (FOART - UGRD)

Units 1.0 (Music) Band 1

Pre-requisite: MUI2041

Students will continue to develop expertise in the areas of teaching repertoire, teaching principles, musical concepts, specific instrumental techniques and musical literacy. They will also continue studies in the psychology of human and musical development. Focus in this course is on the teaching of intermediate to advanced level students. As this course follows from course MUI 2041, students will be required to develop their expertise in each of the designated areas to a more advanced level.

MUI3000 AURAL SKILLS, ARRANGEMENT AND ORCHESTRATION A (FOART - UGRD)

Units 1.0 (Music) Band 1

Pre-requisite: MUI2002

This course provides practical instruction in orchestration and arrange ment for choirs, string and wind ensembles. It also further develops aural acuity relating to pitch, melody, rhythm, four-part work, harmony and form, phrasing and articulation.

MUI3001 AURAL SKILLS, ARRANGEMENT AND ORCHESTRATION B (FOART - UGRD)

Units 1.0 (Music) Band 1

Pre-requisite: MUI3000

This course provides practical instruction in orchestration and arrange ment for brass ensemble and full orchestra. It also further develops aural acuity relating to pitch, melody, multi-metric rhythm, four-part and orchestral work, harmony and form, phrasing and articulation.

MUI3005 MUSIC PRACTICE 5 (FOART - UGRD)

Units 1.0 (Music) Band 1

This course develops the musical specialisation of the student, both within groups and as an individual. Each succeeding course in Music Practicewill require students to demonstrate a greater degree of conceptual and practical skill development. The first semester Music Practice course will focus on the preparation of a major technical assignment or exam. The second semester Music Practicecourses will focus on the preparation of a major repertoire assignment or ex am.

MUI3006 MUSIC PRACTICE 6 (FOART - UGRD)

Units 1.0 (Music) Band 1

Pre-requisite: MUI3005

The development of specialised musical skill is the fundamental aim and objective of any music program. As an industry, a field of research and an art form, the diverse nature of the music profession necessi tates clear specialisation within the main areas of Performance, and Music History Studies. In this course students will choose a speciali sation under one of two available modules: Module A performance (for on-campus students; Module B music history studies (for external students).

MUI4000 STRUCTURAL ANALYSIS IN MUSIC (FOART - UGRD)

Units 1.0 (Music) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BAHN or MSTA

This course analyses the structures of important Western musical forms in the Baroque, Classical and Romantic periods, and in the 20th century.

MUI4001 ADVANCED MUSICIANSHIP (FOART - UGRD)

Units 1.0 (Music) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BCAH or BAHN or MSTA

This course studies contrapuntal and harmonic styles in both written and aural contexts, with particular emphasis on Renaissance and Baroque counterpoint. It also further develops aural acuity, especially in multilinear music textures.

NSC1500 BIOPHYSICAL SCIENCES IN NURSING (FOSCI - UGRD)

Units 1.0 (Nursing not classified) Band 4

This course contains the basic chemistry, biochemistry and physics necessary for understanding the functioning of the healthy human body and for nursing practice. It provides an introduction to the sig nificance of microbes to human health and the fundamentals of infec tion control practice in the health care setting. The nature of infectious agents, mechanisms of pathogenicity and modes of microbial control are also investigated.

NSC2500 PHARMACOLOGY AND PATHOPHYSIOLOGY FOR NURSES (FOSCI - UGRD)

Units 1.0 (General Nursing) Band 4

Pre-requisite: BIO1203

This course focuses on understanding the basis for disease states that are most prevalent in the developed world and how they can be treated. Major topics to be covered include mental health disorders, inflammatory, cardiovascular, musculoskeletal, gastrointestinal, en docrine, respiratory, and urinary diseases, shock and cancer. Periop erative drugs will also be considered.

NUR1099 PROFESSIONAL NURSING FOR OLDER PEOPLE (FOSCI - UGRD)

Units 1.0 (General Nursing) Band 4

Pre-requisite: NUR1140 or NUR2000 and NUR1120 or NUR1200

This course provides the foundation knowledge for nurses caring for older people in conjunction with providing students' first clinical expe rience placement. Students will engage in situated learning opportu nities for the development and application of practice skills such as observation, assessment, psychomotor skill acquisition and profes sional communication, documentation and reflection. The theoretical component of this course emphases the core values underpinning nursing older people which are to respect personhood at all times and to support the rights of older people to quality care in all settings. After a foundation of understanding global ageing and the ageing process, the students will be expected to critically reflect upon ageism and how this may potentially impact on one's behaviour. Challenges common to old age and the specific nursing care interventions in re lation to the challenges will be explored. Contemporary care structures and how Registered Nurses can manage the care continuum will be examined. Underpinning this professional knowledge base will be positive messages related to ageing. Students in this course will have the opportunity to build on the knowledge and skills attained in prior and concurrent theory and clinical simulation courses. Students will participate in an 80 hour facilitated clinical placement in either resi dential, high care or dementia care settings and be assessed at the interim and end stages using an assessment tool consistent with the ANMC National Competency Standards for the Registered Nurse.

NUR1120 SOCIAL DETERMINANTS OF HEALTH (FOSCI - UGRD)

Units 1.0 (General Nursing) Band 4

Pre-requisite: Students must be enrolled in Program: BNUR

Students will be able to describe how health, illness and wellness can be conceptualised and how these concepts can be applied in terms of contemporary health models, theories and frameworks. Students will be able to identify a range of determinants which may impact on health and behaviour including social / psychological/ bio logical/ and environmental. In addition students will also begin to develop knowledge of how social influences, health beliefs and human developmental stages and changes can also impact on an individual's experience of health or ill health. Students will also begin to develop knowledge of a nurse's role in preventing illness and promoting health and apply this at an individual and community / population level. Students will be able to identify significant major health issues in Australia including indigenous, rural health and lifespan issues. Stu dents in this course will develop critical thinking skills by exploring how a determinants approach can be incorporated into their nursing practice.

NUR1140 RESPONSIBLE NURSING PRACTICE (FOSCI - UGRD)

Units 1.0 (General Nursing) Band 4

Pre-requisite: Students must be enrolled in Program: BNUR

Students will be exposed to the key concepts surrounding the history and language of nursing, the evolving role of contemporary nursing in Australia, the legal and ethical implications of nursing practice, workplace health and safety, infection control, and the development of clinical decision making at a foundational level. This will be done using problem-based learning in the interactive and supportive envi ronments. Simulated clinical environments will be used as the forum for students to practice physical assessment skills such as vital signs and urinalysis. The practical laboratory sessions will provide situated learning opportunities for the development of skills such as therapeutic communication, cultural safety, manual handling, and infection control while performing basic physical assessment and nursing interventions. These skills will be assessed in a clinical skills assessment at the end of semester. Students develop critical thinking skills by addressing and managing patient problems presented in the problem-based learning activities. The students will work as teams using evidence from nursing literature through self-directed study to develop nursing plans of care that relate to the problem presented.. This problem-based learning process will be guided by the academic to ensure that course objectives are addressed. Patient case examples used will cover a variety of populations. Students will be required to partic ipate in the labs, team work, self-directed learning, and critical thinking activities. Recorded lectures will be provided on-line to assist in gaining knowledge of health care concepts. The Australian Nursing and Midwifery Council (ANMC) Competencies will be used to assess the integration of knowledge and skills at a foundation level in both the tutorials and laboratory components of the course.

NUR1200 CONCEPTS IN PATIENT CARE (FOSCI - UGRD)

Units 1.0 (General Nursing) Band 4

Pre-requisite: Students must be enrolled in the following Program: BNUR

This course examines the Registered Nurse's role in providing holistic care to patients/clients who are experiencing physical or psychological alterations due to illness. Patient assessment and proposed interventions within the scope of practice of the registered nurse will be emphasised. Concepts addressed will serve as a baseline framework for addressing specific disorders and diseases in varying contexts in future courses. Students will explore evidence for practice which incorporates empirical evidence, additional 'ways of knowing' and established models of care. Student will utilise techniques of inquiry such as concept mapping to facilitate their ability to synthesise information and critically appraise physical and psychosocial variations in patient/client presentation. Students will

NUR2000 MEDICATIONS: THEORY AND PRACTICE (FOSCI - UGRD)

Units 1.0 (General Nursing) Band 4

Pre-requisite: Students must be enrolled in Program: BNUR

This course is designed to ensure that nursing students understand the basis of how medications are prescribed, administered, absorbed, metabolized and excreted. The nurse's role in the implementation, administration and management of medications will be discussed from an evidence based perspective. The information is applied to nurses' practice in the therapeutic administration of drugs so that the student becomes proficient in medication administration in the simu lated clinical environment within the context of a first year nursing student. The mathematical processes involved in medication calcula tions will be revised and assessed so that students will be able to calculate with a high level of accuracy. The importance of the nurse's role in the safe and proficient administration of medications will form the basis of this course.

NUR2100 EPISODES OF NURSING PRACTICE (FOSCI - UGRD)

Units 1.0 (General Nursing) Band 4

Pre-requisite: NUR 1140 and NUR1200 and NUR2000 and Students must be enrolled in the following Program: BNUR

Students will focus on selected topics to learn a basis for nursing assessment and planning of care for individuals requiring health care in secondary and tertiary health care settings and in home care and community nursing. Students will propose care for individuals based on an understanding of the underlying disease pathology, the expect ed medical and pharmacological treatment, and the scope of inde pendent and collaborative nursing practice. The student will learn how to help patients meet their needs through direct intervention, by teaching patients and family members to perform care and lifestyle management, and by coordinating and collaborating with other pro fessionals to provide required services. Case studies will be built around specific points of contact for the nurse with the patient/client. Critical thinking will be fostered to develop the ability of the student to adapt and apply concepts learned in this course to clinical situations and in subsequent courses within the Bachelor of Nursing program.

NUR2199 CLINICAL AA SITUATED PRACTICE (FOSCI - UGRD)

Units 1.0 (General Nursing) Band 4

Pre-requisite: [NUR2000 and NUR2099] or [NUR2000 and NUR1099 and NUR1140 and NUR1200]

This course applies the concepts of personal and client vulnerability, safety, fundamentals of nursing care, advocacy and medico-legal aspects from a bio-psycho-social perspective. It promotes a holistic approach to client assessment and management as students extend their prior learning by applying simulated learning situations to their clinical experiences. This will facilitate the development of students' personal and therapeutic communication skills with the aim of produc ing learners who are able to demonstrate assessment skills, ability to priortise care, critical thinking, reflection and safe transfer of theory from the simulated situations to the real world of practice and to their subsequent courses of study. A clinical practicum experience is in corporated in this course to enable students to apply their learning to the 'real world of nursing practice.'

NUR2200 MENTAL HEALTH NURSING CARE (FOSCI - UGRD)

Units 1.0 (Mental Health Nursing) Band 4

Pre-requisite: NUR1140 and NUR1200 and Students must be enrolled in BNUR

This course enables students to acquire knowledge and to develop attitudes and skills relevant to a critical understanding of individuals and groups with mental health problems. Emphasis is placed on contemporary nursing and evidence based practice but students are expected to be able to evaluate current practices within an historical context. Several other themes are addressed in the course, including an ethical framework for decision-making and critical self-analysis to explore the concepts of prejudice and stigma. The students will ex plore the most common and pervasive mental illnesses burdening Australian society such as depression and suicide, substance-related disorders and anxiety. The nursing care of people with serious mental illness such as psychoses, affective disorders, thought disorders and eating disorders will be introduced. The mental health needs of special groups such as child and youth, older people, people from rural and isolated areas, Indigenous communities, Ethnic populations, the homeless and the incarcerated will also be addressed. The overall nursing care focus will be on understanding the experience of the person with the mental illness as well as the presenting condition. The clinical Course NUR2599 Clinical C: Nursing Care for Mental Health will provide opportunities for application of the theoretical material presented in this course.

NUR2300 RESEARCH METHODS FOR NURSING (FOSCI - UGRD)

Units 1.0 (General Nursing) Band 4

Pre-requisite: CMS1008 and MAT1008 and NUR1140 and NUR1120 and (Co-requisite or Pre-requisite NUR1200)

The course provides an introduction to research processes and scholarship activity in the Nursing profession. Content includes an examination of the research process and methodologies (qualitative and quantitative). The professional nurse's role in the dissemination of knowledge is examined as a scholarly expectation including the skills of scientific writing, publication and professional speaking. BN students (Pre-reg) may only enrol in the EXT mode with the permis sion of the Examiner.

NUR2400 NURSING MODELS OF CARE (FOSCI - UGRD)

Units 1.0 (General Nursing) Band 4

Pre-requisite: NUR2100 and NUR2000 and NUR1140 and NUR1200. Must be enrolled in the Bachelor of Nursing

This course builds upon the knowledge and skills obtained from prior study including the pre-requisite courses. Students will have the op portunity to develop the necessary knowledge and critical skills to be able to deal with clients/patients living with the physical and psycho logical effects of disease. In doing so students will be able to extend practise to accommodate the complexity of diverse practice settings. These settings may include 'hospital in the home'; community care; transitions from high acuity to community care; family centred care; paediatric care settings; palliative care; high dependency units.

NUR2499 CLINICAL B: NURSING CARE IN CONTEXT (FOSCI - UGRD)

Units 1.0 (General Nursing) Band 4

Pre-requisite: (NUR2199 and NUR2100 and NUR1140 and NUR2099 and NUR2000) Must be enrolled in the Bachelor of Nursing

This course will provide students with opportunities to demonstrate the performance and responsibilities required for safe practice. NUR2499, allows the student nurse to develop their professional in teractions, therapeutic relationships, nursing care practices associated with caring for individuals, families and significant others, critical thinking and clinical decision making within a medical or surgical clinical setting. (NUR2100 is a pre-requisite). The aim is to develop skills introduced in prior lab and clinical courses (NUR2099; and NUR2199) and to apply knowledge learnt from past or concurrent theoretical courses. Students will be required to be reflective about their clinical practice experiences for both their professional develop ment and lifelong learning journey. Students will participate in a 160 hour clinical placement and be assessed at the interim and end stages using an assessment tool consistent with the National Competency Standards for the Registered Nurse.

NUR2500 NURSING OLDER PEOPLE (FOSCI - UGRD)

Units 1.0 (Aged Care Nursing) Band 4

Pre-requisite: NUR2100 or (NUR2020 and NUR2030)

This course provides the theoretical basis for nurses caring for older people. The emphasis will be on the core values underpinning nursing older people which are - to respect personhood at all times and to support the rights of older people to quality care in all settings. After a foundation of understanding global ageing and the ageing process, the students will be expected to critically reflect upon ageism and how this may potentially impact on one's behaviour. -Challenges common to old age and the specific nursing care interventions in re lation to the challenges will be explored. Contemporary care structures and how to manage the care continuum will be examined. Students will apply the knowledge gained from NUR2100 and other prior courses to the physical and mental disorders and diseases which commonly manifest in the older person. Added to this professional knowledge base will be the positive messages related to ageing as part of the normal life cycle and an exploration of legal, professional and ethical issues. Nurses with an understanding and appreciation of the complexities of old age, in different nursing care contexts, es tablish and build a solid foundation for enhancing their capacity to effectively provide care for older people.

NUR3010 REHABILITATION IN COMMUNITY SETTINGS (FOSCI - UGRD)

Units 1.0 (Community Nursing) Band 4

Pre-requisite: (CMS1008 and MAT1008 and NUR1140 and NUR1120) or (CMS1000 and NUR1140 and NUR1120) Must be enrolled in the Bachelor of Nursing Program

Rehabilitation is a process which occurs throughout the entire episode of health service interaction. Rehabilitation nurses partner individuals experiencing disability to achieve their greatest potential, and work toward productive, independent lives. A holistic approach is taken to meeting the client's medical, vocational, educational, environmental, and spiritual needs. Health professionals involved in community re habilitation seek to equip, empower and provide education and training for rehabilitation clients, carers, family, community members and the community sector to take appropriate roles in the delivery of health and rehabilitation services to achieve enhanced and sustain able client outcomes. Using a situated and transformative learning approach, this course will enable students to explore the complex issues involved in the rehabilitation process through the perspective of people experiencing disability and rehabilitation nurse practitioners. Students will be required to undertake a case study project in which they develop an understanding of the challenges confronting a person and family living with disability and the rehabilitation role of the regis tered nurse.

NUR3020 TRANSITION TO PROFESSIONAL PRACTICE (FOSCI - UGRD)

Units 1.0 (General Nursing) Band 4

Pre-requisite: NUR2300 and NUR2400 and NUR2500 plus one of the following: NUR2499 or NUR3599 and must be enrolled in the Bachelor of Nursing Program

This course will draw upon knowledge from both first and second year courses and introduce professional development concepts aimed at student transition into the practice environment. As such students are required to consider, value and interpret practice through explo ration of how knowledge is used to inform professional practice issues, problems and incidents. Critical skills will be developed by students through the process of critical reflection. As such, concepts covered during the semester will be analysed through a critical reflective framework which will be applied to practice and professional devel opment situations. The course content will expand the ethico-legal aspects of nursing practice introduced in previous courses. Concepts include ethical decision making, 'Code of Conduct' and the legal pa rameters for nurses in clinical practice. In addition, perspectives of transition to professional practice will be discussed and analysed. Concepts include, work expectations, role conflict, Scope of Practice, role conflict, and role boundaries, reflection on practice, "caring for self", the role of the nurse in health care, developing a professional portfolio and strategies to support lifelong learning.

NUR3030 INDIGENOUS HEALTH AND CROSS CULTURAL CARE (FOSCI - UGRD)

Units 1.0 (Mental Health Nursing) Band 4

Pre-requisite: Students must be enrolled in Program: BNUR

The purpose of this course is to enable students to recognise inequal ities in the health status of individuals, families, or groups and to learn about effective cross cultural communication to gain a better under standing of their health needs. Particular interest will be given to, a) the inequities that remain in Indigenous health status as compared to their non-Indigenous counterparts and,b) the skills and knowledge that nurses need to develop to work with people from cultures other than their own. In undertaking this course the student will utilise the principles of Primary Health Care to propose strategies in collabora tion with these individuals, groups or communities to enable them to have equal access to affordable, equitable and appropriate health service provision to meet their needs. This course explores the effec tiveness of cross cultural communication in multi-disciplinary and in tersectoral nursing practice which is 'people centred' rather than 'disease centred'.

NUR3060 NURSING RESEARCH (FOSCI - UGRD)

Units 1.0 (Nursing not classified) Band 4

Pre-requisite: (CMS1008 and MAT1008 and NUR1140 and NUR1120 and {Co-requisite or Pre-req NUR1200}) or (CMS1007 and NUR1140 and NUR1120 and {Co-req or Pre-req NUR1200}) or (CMS1007 and NUR2010 and NUR1020)

The course provides an introduction to the role of research processes and scholarship activity in the Nursing profession. Content includes an examination of the research process and methodologies (qualita tive and quantitative). Issues of validity, reliability, sampling, general isation and application of findings are addressed from the research consumer perspective. The professional nurse's role in the dissemi nation of knowledge is examined as a scholarly expectation.

NUR3099 CLINICAL D: NURSING FOR COMMUNITIES (FOSCI - UGRD)

Units 1.0 (General Nursing) Band 4

Pre-requisite: NUR2100 and NUR2199 and NUR2000 and NUR2400 and NUR2500. Students must be enrolled in the Bachelor of Nursing

Students will be able to observe and critically appraise the nurse's role in delivering primary, secondary or tertiary care within a variety of settings. This course allows for a scaffolding of experiential skills, application of knowledge and an integration of pre and co-requisite course theory and practice, such as NUR2400: Models of Nursing Care, and NUR3030: Indigenous Health and Cross Cultural Care, to augment clinical knowledge and experience in this course. Students are required to complete 160 hours of clinical practice in placements including rural and remote hospitals or health care centres, commu nity health settings, domiciliary health, Indigenous communities and health centres, correctional centres, schools, drug rehabilitation centres and palliative and hospice care units, medical centres, dis ability services centres, renal units and day oncology units. The course provides facilitated or preceptored clinical placement oppor tunities for students to demonstrate competency as assessed in the Clinical Performance Evaluation Tool which partially fulfils require ments of the National Competency Standards for the Registered Nurse.

NUR3120 NURSES AS LEADERS IN HEALTH CARE SETTINGS (FOSCI - UGRD)

Units 1.0 (Nursing not classified) Band 4

Pre-requisite: (CMS1008 and MAT1008 and NUR1140 and NUR1120) or (CMS1007 and NUR1140 and NUR1120) or (CMS1007 and NUR2010 and NUR1020) or enrolled in Program BNPO

The primary purpose of this course is to facilitate the development of a broad view of the structure and functioning of healthcare organ isations, their impact on health care models and the role of nurses as leaders and managers within health care systems.

NUR3200 MANAGING COMPLEX CARE (FOSCI - UGRD)

Units 1.0 (General Nursing) Band 4

Pre-requisite: (NUR2200 and NUR2400 and NUR2500 and NUR2300 and NSC2500 and any Two of the following Clinical Courses: NUR2499 or NUR2599 or NUR3099) or (NUR2100 and NUR2200 and NUR2300 and NSC2500 and Co-requisite: NUR2499 and NUR2400 and NUR2500)

Managing a range of complex tasks simultaneously and independently is a shift of responsibility from student nurse to registered nurse and therefore sound decision making is one of the major functions of the nurses role and crucial to a patient's outcome. In order for the new registered nurse to be prepared and confident to manage and decide on patient care we must educate our students to engage in critical thinking when something is out of the ordinary, manage time and prioritise patients needs when faced with multiple tasks. As well as this registered nurses must recognise the need for and initiate inter ventions for patients whose condition changes unexpectedly. Through exploring theoretical case management of a variety of patient/client situations this course will assist the students transform knowledge and skills both into their clinical laboratory settings, written assess ments and on their final clinical placement before entering the health profession as registered nurse. Managing complex care will produce a professional and accountable registered nurse.

NUR3499 CLINICAL E: THE BEGINNING PRACTITIONER (FOSCI - UGRD)

Units 1.0 (General Nursing) Band 4

Pre-requisite: (NUR2200 and NUR2400 and NUR2500 and NSC2500 and NUR2499 and Co-requisite: NUR3200) or (NUR2200 and NUR2400 and NUR2500 and NSC2500 and NUR2499 and NUR3200) and Students must be in the final semester of study and enrolled in Program BNUR

This final clinical course will allow consolidation of the knowledge, skills and attributes required for safe and competent practice expected of Registered Nurses. Students will participate in a 160 hour clinical placement and be assessed at the interim and completion of the practicum using an assessment tool consistent with the National Competency Standards for the Registered Nurse. The course will provide facilitated or preceptored clinical placement opportunities for students to fulfil the requirements of the National Competency Stan dards for the Registered Nurse. As a result of satisfactory completion of the course, students will be able to demonstrate competent, holistic, coordinated and prioritised client/patient care through the processes of clinical reasoning, clinical decision-making and critical reflective practice. Students will be expected to apply professional ethics, legal requirements and safety/environmental responsibilities to their practice. Students will be required to demonstrate the appli cation of theory and principles learned in past and concurrent theo retical courses to demonstrate analytical and reasoning skills using evidence-based practice. They will also be expected to demonstrate: a) a high level of professional oral and written communication skills, b) the ability to work as a team member and c) the ability to manage their time and workload to the level expected of a beginning practi tioner.

NUR3599 CLINICAL C: NURSING CARE FOR MENTAL HEALTH (FOSCI - UGRD)

Units 1.0 (Mental Health Nursing) Band 4

Pre-requisite: NUR1140 and NUR1200 and NUR2099 and NUR2199 and NUR 2000 and NUR2200 and Students must be enrolled in the folllowing Program: BNUR

Students will complete 160 hours of clinical practice in either a prima ry, secondary or tertiary health care setting directed to the care of Mental Health clients. Student placements may include rural and re mote hospitals, tertiary hospitals, acute inpatient facilities within general hospital settings, community health care centres, correctional facilities, aged care mental health facilities, and drug rehabilitation centres. The course will provide facilitated or preceptored clinical placement opportunities for students to demonstrate competency as assessed in the Clinical Performance Evaluation Tool which partially fulfils requirements of the National Competency Standards for the Registered Nurse. This clinical course facilitates the transfer of skills and knowledge gained in other courses into hands-on delivery of care in the diverse settings of Mental Health Care. Students will be expected to integrate pre and co-requisite theory, such as NUR2200: Mental Health Nursing; NUR2199: Clinical Practice AA: and NSC2500 Pharmacology and Pathophysiology for Nurses to augment clinical knowledge and experience to demonstrate holistic, culturally appro priate and effective mental health nursing practice.. Strategies are guided by the Standards of Practice for Australian Mental Health Nursing (ACMHN 2010) as a framework for decision making. Con ceptual and professional development will be facilitated through crit ical reflective processes and the identification and implementation of evidenced based practice.

NUR3650 ADVANCED HEALTH ASSESSMENT (FOSCI - UGRD)

Units 1.0 (General Nursing) Band 4

This course builds on basic health assessment and screening skills. It allows health professionals to explore fully the human individual, holistically, without recourse to invasive technologies. The course follows individuals who present to health care settings with problems requiring assessment and intervention by the most accessible and appropriate health professional. In addition Advanced Health Assess ment implies that data gathered will be acted upon appropriately and related to the practice context.

NUR5520 INTRODUCTION TO COUNSELLING SKILLS (FOSCI - PGRD)

Units 1.0 (Nursing not classified) Band 4

Pre-requisite: Students must be enrolled in one of the following Programs: MNRS or MNRH or PDEV or SING or MMPO

The foundational principle of this course is based on the premise that there are two people in a helping relationship: the nurse and the client. The better the understanding nurses have of themselves, the better they are able to help others to work on their own personal dif ficulties. Students in this course will have an opportunity to develop their knowledge and understanding of a range of theoretical concepts underpinning counselling. The specific focus of this course will en compass two broad areas including reflective skills for self-awareness and professional development, and secondly the development and facilitation of specific counselling micro-skills to be utilised in a variety of nurse / patient situations. Students will have the opportunity to re flect on their performance in developing their micro counselling skills to assist their understanding of the competency required for therapeu tic outcomes.

NUR8040 QUALITATIVE RESEARCH METHODS (FOSCI - PGRD)

Units 1.0 (Nursing not classified) Band 4

Pre-requisite: Students must be enrolled in one of the following Programs: MANP or MMHN or MMID or MMPO or MNIC or MNUR or MNRS or MNRH or PDEV or SING or CRPG or BPSH or (BSCI with Psychology major 13815)

The course is concerned with the skills of the qualitative researcher including the researcher as instrument, participant observation, indi vidual interviewing, focus-group interviews, grounded theorising text-based research, praxis and action research. The course provides an overview of qualitative data analysis including thematic analysis, grounded theorising, critical incident analysis, theory-based analysis and the use of computers in qualitative data analysis.

NUR8060 HEALTH POLICY ANALYSIS AND REVIEW (FOSCI - PGRD)

Units 1.0 (General Nursing) Band 4

Pre-requisite: Students must be enrolled in one of the following Programs: MNRS or PDEV or SING

This post graduate course focuses on health policy from the perspec tives of history, development, critical analysis and review. It will facil itate the student to develop an understanding of how health policies are developed and how they impact on both the delivery and the re ceipt of health care. Students will be guided in how to conduct a critical evaluation and review of a health policy utilising a Policy Analysis Framework. Using this analysis, students will then develop recommendations to improve the structure and application of the policy to health care outcomes.

NUR8340 THE LAW AND HEALTH CARE PRACTICE (FOSCI - PGRD)

Units 1.0 (Nursing not classified) Band 4

Pre-requisite: Students must be a Registered Nurse or Midwife and must be enrolled in one of the following Programs: MMHN or MNRS or PDEV or MMID.

This course focuses on law for the experienced Registered Nurse and Midwife. It will increase the students' knowledge and understand ing of the legal aspects of the relevant Acts and Regulations with regard to their nursing as it relates to the provision of health care.

NUR8510 THE REFLECTIVE PRACTITIONER AND THEORIST (FOSCI - PGRD)

Units 1.0 (Nursing not classified) Band 4

Pre-requisite: Students must be enrolled in one of the following Programs: MMHN or MNRS or PDEV or SING

This course will prepare the student to contribute to the development of nursing knowledge through a study of personal clinical practice and relevant theory. First the student will examine their own clinical practice and come to a deeper understanding of their own informed theories of practice through observation and critical reflection. Then the student will critically evaluate nursing theory and meta theory. Finally, the student will look for evidence of a nursing theory consis tent with their own practice. This will involve enhancing skills in reflec tion, analysis, synthesis and critique. The philosophical stance of the course derives from critical social theory and as such is concerned with improving practice through emancipatory processes.

NUR8550 PROFESSIONAL STUDIES 1 (FOSCI - PGRD)

Units 1.0 (Nursing not classified) Band 4

Pre-requisite: Students must be enrolled in one of the following Programs: MNRS or MNRH or PCNP or PDEV or SING

This course is based on a negotiated learning contract between stu dents and the course leader. The learning contract requires that students draw on their previous learning and identify their current learning needs. The students, in consultation with the course leader will agree upon learning objectives, available resources, learning processes and methods of evaluation.

NUR8560 PROFESSIONAL STUDIES 2 (FOSCI - PGRD)

Units 1.0 (Nursing not classified) Band 4

Pre-requisite: Students must be enrolled in one of the following Programs: MNRS or MNRH or PDEV or SING or MMPO

This course is based on a negotiated learning contract between stu dents and course leader. The learning contract requires that students draw on their previous learning to identify their current learning needs. The students, in consultation with the course leader, will then agree upon learning objectives, learning processes and methods of evalu ation.

OSP1101 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Units 1.0 (Studies in Human Society n.e.c) Band 1

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows stu dents to receive credit (equivalent to the stated unit value) for courses taken in the general area of Humanities/Arts at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1102 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Units 2.0 (Studies in Human Society n.e.c) Band 1

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows stu dents to receive credit (equivalent to the stated unit value) for courses taken in the general area of Humanities/Arts at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1103 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Units 3.0 (Studies in Human Society n.e.c) Band 1

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows stu dents to receive credit (equivalent to the stated unit value) for courses taken in the general area of Humanities/Arts at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1201 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Units 1.0 (EnginTech not classified) Band 2

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows stu dents to receive credit (equivalent to the stated unit value) for courses taken in Computing at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1202 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Units 2.0 (EnginTech not classified) Band 2

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows stu dents to receive credit (equivalent to the stated unit value) for courses taken in Computing at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1203 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Units 3.0 (EnginTech not classified) Band 2

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows stu dents to receive credit (equivalent to the stated unit value) for courses taken in Computing at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1301 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Units 1.0 (Law) Band 3

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows stu dents to receive credit (equivalent to the stated unit value) for courses taken in Law at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1302 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Units 2.0 (Law) Band 3

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows stu dents to receive credit (equivalent to the stated unit value) for courses taken in Law at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1303 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Units 3.0 (Law) Band 3

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows stu dents to receive credit (equivalent to the stated unit value) for courses taken in Law at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1401 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Units 1.0 (Education Studies) Band 5

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows stu dents to receive credit (equivalent to the stated unit value) for courses taken in Education at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1402 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Units 2.0 (Education Studies) Band 5

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows stu dents to receive credit (equivalent to the stated unit value) for courses taken in Education at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1403 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Units 3.0 (Education Studies) Band 5

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows stu dents to receive credit (equivalent to the stated unit value) for courses taken in Education at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

PHY1101 ASTRONOMY 1 (FOSCI - UGRD)

Units 1.0 (Astronomy) Band 6

This astronomy course forms an introduction to planetary science, the study of planetary systems. Astronomy is presented as a way to understand our origins and place in the universe. Some of the scien tific and technological tools used in astronomy are then discussed, as a prelude to a review of our knowledge of the planets orbiting our Sun, and extrasolar planets orbiting other stars. Earth is recognised as a small terrestrial world among the many planets orbiting our star and others, and the history of our planetary system is traced from a cloud of gas and dust through to the diversity of large and small worlds we observe today. The course includes discussion of the ge ology and atmospheres of the terrestrial planets, jovian planet sys tems, and the interplanetary bodies of our solar system. Extrasolar planet studies are presented as an emerging research field transform ing planetary science. Mt Kent Observatory is also made available to students enrolled in this course, to provide an opportunity for learning technical skills in observational astronomy. This course complements PHY1107 Astronomy 2, an introduction to the Sun, the stars and galaxies.

PHY1104 PHYSICS CONCEPTS 1 (FOSCI - UGRD)

Units 1.0 (Physics) Band 6

Physics is about the fundamental natural laws governing our universe. Taken as a whole, physics can be considered as the behaviour of just two fundamental quantities (space-time and mass-energy) in the presence of just four fundamental forces (gravitational, electromag netic and strong and weak nuclear forces). Using physics, small set of profound natural laws thus can be used to make sense of the complexities of the natural world, as well as the design and operation of our technology. Physics can be divided into different fields of study, with "classical physics" covering mechanics, acoustics, thermodynam ics, electromagnetism and optics, and "modern physics" encompass ing relativity and the quantum mechanics of light of matter. This course is called Physics Concepts 1 as it examines the conceptual basis of mechanics, acoustics and thermodynamics, and is a com panion course to Physics Concepts 2, which covers electromagnetism, optics and modern physics. In this course students are provided with an introduction to key concepts, and obtain practice with relevant problem solving and experiments.

PHY1107 ASTRONOMY 2 (FOSCI - UGRD)

Units 1.0 (Astronomy) Band 6

The astronomy course is about the Sun, the stars and galaxies, and includes cosmology, the study of the universe as a whole, and astro biology, the study of life in the universe. The course begins with the Sun, our local typical star, and moves onto a survey of the stars of the night sky. The course then discusses how stars form, evolve, die and end up as stellar remnants. Our Milky Way galaxy is then intro duced, as a prelude to a survey of other galaxies. Following this, the universe on the grandest scale is examined, from its origins in the Big Bang, to its future as an expanding, accelerating cosmos. Finally, we take a look at life on Earth, and how life and intelligence could arise elsewhere. Access to Mt Kent Observatory is provided as part of this course, so that students can observe "deep sky" objects be yond our solar system. This course follows on from PHY1101 Astron omy 1 (which focuses on planetary science), but may be taken inde pendently.

PHY1911 PHYSICS CONCEPTS 2 (FOSCI - UGRD)

Units 1.0 (Physics) Band 6

Physics is about the fundamental natural laws governing our universe. Taken as a whole, physics can be considered as the behaviour of just two fundamental quantities (space-time and mass-energy) in the presence of just four fundamental forces (gravitational, electromag netic and strong and weak nuclear forces). Using physics, a small set of profound natural laws thus can be used to make sense of the complexities of the natural world, as well as the design and operation of our technology. Physics can be divided into different fields of study, with "classical physics" covering mechanics, acoustics, thermodynam ics, electromagnetism and optics, and "modern physics" encompass ing relativity and the quantum mechanics of light of matter. This course is called Physics Concepts 2 as it examines the conceptual basis of electromagnetism, optics and modern physics and is a companion course to Physics Concepts 1, which covers mechanics, acoustics and thermodynamics. In this course students are provided with an introduction to key concepts, and obtain practice with relevant problem solving and experiments.

PHY2204 ASTRONOMY AND ASTROPHYSICS (FOSCI - UGRD)

Units 1.0 (Astronomy) Band 6

This course is about the use of observational astronomy and astro physical theory to understand our vast, ancient, and evolving universe. Observations inform us about the history of the cosmos from the Big Bang to today. These observations are interpreted using testable theories that provide a deep scientific understanding of our place in the universe. This course aims to help students appreciate our cosmic origins, today's observable universe, and the long-term future of our planet. There is also an opportunity to gain practical experience in observational astronomy using Mt Kent Observatory.

PHY2206 MEDICAL PHYSICS (FOSCI - UGRD)

Units 1.0 (Astronomy) Band 6

An understanding of the physical processes that govern some diag nostic techniques and the functioning of aspects of the human body will be provided. The topics covered are the eye and light, fibre optics and lasers, sound and hearing, ultrasonics, electrical signals, pres sure, X-rays, radionuclides, radiotherapy, measuring and safety with ionising radiation, detectors and magnetic resonance imaging.

PHY3303 MODERN PHYSICS (FOSCI - UGRD)

Units 1.0 (Physics) Band 6

Modern physics covers the extraordinary developments in physics that have taken place over the last century or so (and which promise to continue, thanks to the search for a unified theory of everything and the discovery of an expanding universe). This course covers special and general relativity, the quantum description of light and matter, and quantum and statistical mechanics. Also covered are topics on atoms, molecules, solids, and nuclear and particle physics, and a concluding online section on modern cosmology. The theory in this course is supported by practice with relevant problem solving, and experiments.

POL1000 GOVERNMENT, BUSINESS AND SOCIETY (FOBUS - UGRD)

Units 1.0 (Political Science) Band 1

POL1000 examines the relationships between government, business and society, and in particular, the political power and political role of business. Many aspects of business behaviour are politically contro versial, including environmental damage, treatment of staff and communities, and business attempts to influence government. In POL1000, we address three major questions: (i) What impact does business have on society and government? (ii) How do government and society deal with those impacts? (iii) How does business respond to the criticism it faces, and attempts by governments, unions and communities to control it? In the process we look at the issues of sustainability and ethical behaviour. POL1000 also aims to develop some important intellectual skills, including the ability to do research, to read and understand books about politics, and to subject political argument to critical scrutiny. Students completing POL1000 should have a stronger understanding of the conflicting attitudes that both society and government have towards business. POL1000 does not assume prior knowledge of politics or business.

POL2000 POLITICAL AND ECONOMIC IDEAS (FOBUS - UGRD)

Units 1.0 (Political Science) Band 1

POL2000 (Political and Economic Ideas) introduces the student to liberalism and its critics, as a way to understand the modern world. It takes an historical approach, starting with the liberal revolution in politics in the eighteenth and nineteenth centuries, and Adam Smith's economic theory. The course then looks at challenges to classical liberalism, before investigating the debates over capitalism and its problems in the twentieth century. We finish by looking at state-direct ed models of economic management and the neo-liberal critique of them. The course is aimed at developing students' understanding of different economic theories and the problems they were attempting to address. Students require no prior knowledge of economics, politics or history in order to understand the economic and political debates of today, however students are advised not to attempt this subject in their first year of university study.

POL2001 POLITICS AND INTERNATIONAL BUSINESS (FOBUS - UGRD)

Units 1.0 (Political Science) Band 1

POL2001 (Politics and International Business) is about globalisation. We begin with the market revolution of the 1980s and the arguments over free trade. We look at two of the major institutions of global economic governance, the World Trade Organisation and the Inter national Monetary Fund, their role in promoting globalisation and the opposition they have aroused from developing countries and activists. We delve into some of the debates about globalisation - over who benefits, the impact on the environment, and the issue of good gov ernance. We finish by looking at the liberalisation of global finance, the global financial crisis from 2007, and the politics of government austerity which have ensued. One of the core themes of the course is the controversy over the role of the state in the global market. POL2001 assumes no prior knowledge of government, business or the global economy.

POL3013 SUSTAINABILITY AND POLITICS (FOBUS - UGRD)

Units 1.0 (Political Science) Band 1

Achieving sustainability requires the understanding and management of both physical problems and policy debates. This course provides students with the means to understand the origin of conflicts over contemporary environmental issues and some of the key aspects of current debates about environmental problems. In the first part of this course, students will learn about the development of modern 'environmentalism' and in the second, how environmentalism as a set of ideas is expressed in mainstream politics. This is followed by a discussion of some of the major sectoral and discursive responses to dealing with environmental problems. In particular, students will consider the divergent arguments about the type and degree of policy and systemic change that is necessary to achieve an improvement in environmental outcomes. This course will provide students with a broad understanding of the history and politics of contemporary envi ronmentalism and current directions in environmental policy, so they have the capacity to be informed participants in debates and decision-making that relate to the environment.

POL8013 ENVIRONMENTAL POLITICS AND POLICY (FOBUS - PGRD)

Units 1.0 (Political Science) Band 1

Environmental management requires an understanding of both physical problems and political and policy debates. This course pro vides students with the means to understand the origin of conflicts over contemporary environmental issues and some of the key aspects of current debates about environmental problems. In the first part of this course, students will learn about the development of modern 'environmentalism' and in the second, how environmentalism as a set of ideas is expressed in mainstream politics. This is followed by a discussion of some of the major sectoral and discursive responses to dealing with environmental problems. In particular, students will consider the divergent arguments about the type and degree of policy and systemic change that is necessary to achieve an improvement in environmental outcomes. This course will provide students with a broad understanding of the history and politics of contemporary envi ronmentalism and current directions in environmental policy, so they have the capacity to be informed participants in debates and decision-making that relate to the environment.

PRL1002 PRINCIPLES AND PRACTICE OF PUBLIC RELATIONS (FOART - UGRD)

Units 1.0 (Public Relations) Band 3A

Public Relations* focuses on understanding and developing the rela tionship between an individual or more often, an organisation, and the "public" or "publics" with which that organisation must effectively co-exist. This course is designed to introduce students to Public Re lations, the nature and history of the profession and the theoretical foundations of contemporary public relations practice. Within this framework, topics covered within the course include: definitions of public relations and other key terms and concepts; the identification of internal and external publics; descriptions of core public relations processes; and the tools of public relations. Finally, the student is introduced to programme design encompassing research, goals, objectives, strategies, tools and tactics and evaluation. * Public Rela tions remains a commonly used term, however, in many ways of business and government terms such as Corporate Communication and Public Affairs are perhaps more frequently used. We have elected to adhere to the more traditional term for the sake of simplic ity and effective communication.

PRL1003 REPUTATION MANAGEMENT (FOART - UGRD)

Units 1.0 (Public Relations) Band 3A

Increased interest in an organisation's performance is shared by not only shareholders, but also employees, other stakeholders, market and business analysts, the government, competitors, social and charity groups, and especially business and news media. The public relations professional requires knowledge and skills to understand the directions and aspirations of the organisation's internal and exter nal stakeholders, as well as the strategic thinking of the organisation's management' and to bring these together into an overarching reputa tion management approach. The student will be introduced to the concept of reputation management, will be presented with a process for managing reputation, and will explore a cross section of the spe cialist areas which constitute the practice of public.

PRL2001 ISSUES AND CRISIS MANAGEMENT (FOART - UGRD)

Units 1.0 (Public Relations) Band 3A

This course assumes the management perspective that when organ isations are faced with an issue either accidental or intentional that significantly disrupts normal operations, effective communication is essential. Students will be made aware of potential issues affecting the public and private sectors and required to develop their individual skills in planning and implementing communication management strategies which reflect their ability to adapt to specific workplace needs. In their efforts to minimise risks and to deal with them, students will examine risk identification, advance preparation, environmental surveillance, crisis-management planning, and evaluation. At all times students will be encouraged to develop a commitment to ethical and responsible practices as part of the on-going development of effective issues management strategies and to develop appropriate communi cation policies used to facilitate issues management plans.

PRL2002 COMMUNITY CONSULTATION AND DEVELOPMENT (FOART - UGRD)

Units 1.0 (Public Relations) Band 3A

This course introduces students preparing to enter professional contexts to contemporary communication management strategies and techniques used in community relations, consultation and partic ipation. Students will develop practical and conceptual skills in relation to the trends, issues and processes involved in project planning and implementation, and the inclusion of publics in decision-making through community consultation, network facilitation and collaborative action.

PRL2003 WRITING FOR PUBLIC RELATIONS (FOART - UGRD)

Units 1.0 (Public Relations) Band 3A

Students will be introduced to the basics of public relations writing including the concepts of good writing, techniques for persuasive writing and finding and generating newsworthy information. They will study how to write media releases for the print and electronic media, feature articles, backgrounders, brochures, newsletters and speeches. The major emphasis of the course is on developing prac tical public relations skills.

PRL2004 ISSUES IN ORGANISATIONAL COMMUNICATION (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

This course provides students preparing to enter professional contexts with conceptual frameworks for understanding and analysing the practices that shape the structure of communication in organizations. Students will also develop a range of practical and conceptual skills for the strategic management of organisational communication includ ing the areas of organisational culture and communicative climate. This course will also examine the ways in which communicative processes can be used to facilitate strategic planning and policy de velopment for organisations.

PRL3001 PUBLIC RELATIONS CAMPAIGN DEVELOPMENT (FOART - UGRD)

Units 1.0 (Public Relations) Band 3A

Public Relations Campaign Development provides advanced profes sional preparation for students in public relations. The course builds on theory and practice taught previously in the major. As public rela tions professionals, students need to understand salient public rela tions theories and practices, how public relations strategies originate and their usefulness and shortcomings in explaining, predicting and organising public relations campaigns.

PRL3002 PUBLIC RELATIONS PROJECT (FOART - UGRD)

Units 1.0 (Public Relations) Band 3A

Pre-requisite: PRL2000 or PRL3001

This course provides advanced professional preparation for students in the planning of public relations campaigns. The course builds on theory and practice taught previously in the major. The course allows students to initiate an original campaign through the stages of re search, planning, implementation and evaluation. Students are direct ed to develop a public relations campaign that demonstrates a con certed effort to build socially responsible relationships by achieving research based goals through the application of strategic planning and the measurement of outcomes. Fieldwork is designed to stimulate discussion and lateral thinking of public relations objectives.

PRL3003 PUBLIC SECTOR AND PUBLIC SERVICE COMMUNICATION (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

Public service, not-for-profit, social service and community organisa tions possess unique characteristics which impact on the practice of communication. Communication specialists in these sectors develop programmes and campaigns around a diverse range of areas, includ ing matters in `the public interest', behaviour change programmes, public education, safety initiatives, working for `the social good', and education around issues of legislation or government compliance. By taking this course, students will learn how the cultures of public service, not-for-profit, social service and community organisations influence the practice of communication. They will be introduced to the different types of communication within the sectors. They will also learn how to apply a range of communication disciplines within the context of these organisations in order to strategically plan and manage effective communication.

PRL3012 PUBLIC RELATIONS RESEARCH (FOART - UGRD)

Units 1.0 (Communication & Media Studies) Band 1

Public relations research projects require variously a range of meth ods, both qualitative and quantitative. The researcher needs to be able to identify a research problem, decide on research objectives and select appropriate method/s to carry out the research. This course examines, from both practical and critical perspectives, a range of qualitative and quantitative research methods relevant to professional needs in the public relations field. These methods include focus groups, content analysis, in-depth interview and survey methods.

PRL5000 CORPORATE COMMUNICATION (FOART - PGRD)

Units 1.0 (Public Relations) Band 3A

This course is designed to introduce students to the theory and practice of Public Relations at the advanced level. Topics covered include the nature and history of public relations, the tools of public relations, the identification of internal and external publics, the design of public relations programmes and methods of assessing their effec tiveness. The student is introduced to the various types of public re lations, including corporate communication, community relations, employee relations, financial or investor relations and government relations. The concept of public relations as a management function is explored and the student is introduced to the fundamentals of public relations campaign or programme proposals, the use of objec tives, strategies and tactics in public relations planning, and issues management. The course also introduces students to an examination of ethical issues in public relations and the ethical responsibilities of the public relations professional. This course cannot be taken as an elective.

PRL5002 STRATEGIC ISSUES AND CRISIS MANAGEMENT (FOART - PGRD)

Units 1.0 (Communication & Media Studies) Band 1

This course assumes the management perspective that when orga nizations are faced with an issue either accidental or intentional that significantly disrupts normal operations, effective communication is essential. Students will be made aware of potential issues affecting the public and private sectors and required to develop their individual skills in planning and implementing communication management strategies which reflect their ability to adapt to specific workplace needs. In their efforts to minimise risks and to deal with them students will examine risk identification, advance preparation, environmental surveillance, crisis management planning, and evaluation. At all times students will be encouraged to develop a commitment to ethical and responsible practices as part of the on-going development of effective issues management strategies and to develop appropriate communi cation policies used to facilitate issues management plans.

PRL5004 PROFESSIONAL COMMUNICATION (FOART - PGRD)

Units 1.0 (Communication & Media Studies) Band 1

Students will be introduced to the principles of effective profession al/business communication and the identification of `best practice' approaches, organisational perspectives on public relations commu nication, understanding and reaching target publics, techniques for persuasive communication, and contemporary perspectives on methods and tools of communication. They will study how to research and write for various mediums and channels, including audio, print, electronic and "new" media.

PRL5021 PROFESSIONAL COMMUNICATION PROJECT (FOART - PGRD)

Units 1.0 (Public Relations) Band 3A

This course provides an advanced learning experience for students in the planning of a public relations project. The course allows stu dents to explore public relations theory in depth, and to develop a public relations project that demonstrates the application of effective organisational-public or organisational-stakeholder relationship management.

PRL8003 STRATEGIC COMMUNICATION PLANNING (FOART - PGRD)

Units 1.0 (Public Relations) Band 3A

Strategic communication planning is a function of senior public rela tions practitioners and is critical in bringing all of the factors of repu tation management together. This course provides advanced profes sional preparation for students who are at a high level in the field or are contemplating working at executive level in public relations. The course reviews public relations theory and how it relates to campaign planning, and takes the student through each step of developing a strategic communication plan for an organisation, including the communication audit and other methods of research, adaptation of the research into a strategy, implementation of the strategy and evaluation.

PRL8004 FINANCIAL COMMUNICATION (FOART - PGRD)

Units 1.0 (Public Relations) Band 3A

Financial Communication provides grounding for experienced public relations practitioners preparing to enter or who are early in their ca reer within the field of financial communication and investor relations. The course builds on public relations theory and incorporates theory applicable to financial markets. It also works through the communica tion responsibilities of corporations who are listed on the Australian Stock Exchange and/or registered with the Australian Investment and Securities Commission and/or their international equivalents, allowing students to build on their knowledge of international and/or Australian markets.

PRL8005 MANAGEMENT COMMUNICATION (FOART - PGRD)

Units 1.0 (Public Relations) Band 3A

This course is designed to enable students to evaluate the role of key conceptual frameworks that underpin the organisational structures and communication practices of organisations. The course reviews a range of influential approaches to organisational communication including: traditional Classical and Scientific approaches; Human Relations approaches; Eastern based Philosophical approaches; along with Neo-Classical Economic and Free Market Economy ap proaches. Students in this course will critically analyse and evaluate factors of influence stemming from these approaches in shaping functional organisational cultures and effective communication and information distribution through organisations at a range of key points including communication between: individuals; within and between work teams; across organisational networks and the role and practices of management.

PRL8006 STRATEGIC COMMUNICATION PROJECT (FOART - PGRD)

Units 1.0 (Sales and Marketing not elsewh) Band 3A

Pre-requisite: PRL8003

As students draw closer to meeting the full requirements for graduat ing from the course, it is absolutely essential that they have the op portunity to integrate and synthesise the knowledge and competencies developed to date in relation to their professional responsibilities. The course highlights the importance of project planning and consid ers the processes of planning, scheduling and resource allocation. It also includes descriptors on project monitoring and performance measurement, in the project environment. It provides a framework for planning, scheduling, analysis and resource allocation and inte gration by focusing attention on the development of an organisation's strategic directions, strategic capabilities and internal and external dynamics. Students will be able to draw upon some of the critical concepts, techniques and information from other courses studied in order to develop informative and comprehensive responses to a major communication or public relations project and/or campaign. Students are encouraged to explore the practical and experimental application of communication techniques and their theories to their project. The planning, documentation, production, and management of the project will be the major activities of the course. Students will be responsible for all aspects of the project development phases.

PRL8007 DELIBERATIVE COMMUNITY PARTICIPATION AND ENGAGEMENT (FOART - PGRD)

Units 1.0 (Public Relations) Band 3A

This first part of the course introduces students to the historical and contemporary contexts of participation in organisations, and the de velopment of organisational engagement with the diversity of all its publics. The second part examines a range of theoretical perspectives which provide a deep understanding of the typology, dynamics and power dimensions of engagement, particularly from a public relations perspective. The third part focuses on models, methods and chal lenges of managing and conducting engagement. The fourth part focuses on the importance of scholarship of engagement - a critical component in maintaining knowledge on current issues and develop ing continuing professional practice.

PSY1010 FOUNDATION PSYCHOLOGY A (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

This course is designed to provide students with an overall perspec tive of the scope, nature, and methods of psychology. The major concepts of developmental psychology, personality, cross-cultural psychology, psychological disorders, therapy, health, and social psychology are introduced. Students will learn the correct procedures for citing references and putting together a reference list in the format recommended by the American Psychological Association (APA).

PSY1020 FOUNDATION PSYCHOLOGY B (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

This course, in combination with PSY1010 Foundation Psychology A, is designed to provide students with an overall perspective of the scope, nature, and methods involved in psychological research. The major concepts examined in this course (via the 5 multiple choice CMA tests given during semester) include Memory and Learning Strategies, Research Methods in Psychology, the Biological Basis of Behaviour, Motivation and Emotion, Sensation and Perception, Learning through Classical and Operant Conditioning, Intelligence, Thought and Language, and Consciousness. Students will also build skills in writing for a Research report (Assignment 1). This assignment will be written in the style specified by the American Psychological Association (APA). In addition, students will participate in psychological research for course credit (Assignment 2).

PSY1030 CROSS-CULTURAL AND INDIGENOUS PSYCHOLOGY (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

This course focuses on cross-cultural and specifically Indigenous Australian psychology, exploring both those areas that are common to all humans and those that differ across people from various geographical regions, with different racial and ethnic identities, and from various other cultural groups. As cross-cultural research is increasingly influencing broad aspects of the practice of psychology, the course will cover the various findings to date and explore how cultural factors impact upon human emotion and behaviour, specifically including cognition, social functioning and development, personality and mental health, amongst other sub-disciplines. Students, including non-psychology students, will develop their personal and professional understanding and awareness of cultural variables in order to help prepare them for further training and development. A variety of teaching and learning methods are employed, including a number of practical and interactive exercises to help students apply new knowledge and practise new skills.

PSY1101 CRITICAL THINKING (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BPSH or BPSB. Students enrolled in other degrees may be permitted to enrol in this course with the examiner's approval.

Critical thinking and problem solving skills are attributes that USQ affirms its graduates should have acquired upon completion of their degree. This course is aimed directly at fostering those skills. This is done by examining the topic from a range of perspectives. The techniques of critical thinking and problem solving are explicitly taught. In addition, the issue of bias and other types of cognitive limitations that produce erroneous solutions are also examined.

PSY1102 INTERPERSONAL SKILLS (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BPSH or BPSB. Students enrolled in other degrees may be permitted to enrol in this course with the examiner's approval.

Good communication skills are attributes that USQ affirms its graduates should have acquired upon completion of their degree. This course is aimed directly at fostering one aspect of communication skills; namely interpersonal communication skills. In this introductory level course, communications are broken down in into their constituent parts in the first instance. That is, students' abilities to discern the meaning in other people's communication is examined. Students' abilities to communicate meaning via speaking and writing are then addressed. These constituent processes are then combined in an interactive context.

PSY1104 PSYCHOLOGICAL SKILLS A (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in the following Program: BPSH

This course deals with the fundamental issues of research and professional skills. With respect to psychological research skills we start by introducing the language of research by introducing the basic constructs of any research program. We want to ensure that students understand the relationship between theory and its operationalisation through the manipulation and measurement of concrete variables and how hypotheses can be constructed from such considerations. With respect to professional skills development, the foundation of all professional practice is the ethical responsibilities of the professional. This course requires students to be aware of and to be able to apply the APS code of ethics to professional issues. Finally, students' introduction to Work Integrated Learning will commence with examining their career development.

PSY1105 PSYCHOLOGICAL SKILLS B (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in the following Program: BPSH

In PSY1105 students will continue their preparation in psychological research and professional skills. With respect to psychological research skills, the course applies the observational skills examined in Semester 1 to the experimental domain. As such, students will be required to run an experiment, test participants, record results, and score and analyse obtained data. With respect to the professional skills component, the course will introduce students to foundation intervention skills and models for therapeutic formulation and intervention. Students will be required to develop skills for thinking about issues that affect people, and to frame these within evidence based approaches to psychological interventions. Questioning styles based on a range of therapeutic modalities will also be introduced to develop students' awareness of the technical skills required to stimulate individual change.

PSY2010 SOCIAL PROCESSES OF BEHAVIOUR (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY1010

Social psychology is introduced as the study of social behaviour at multiple levels from individual processes through to community-level social phenomena. Basic concepts of social psychology are introduced (e.g., socialisation, self-esteem, altruism, aggression, attitudes, communication, interpersonal relationships, prejudice, group processes, cultural issues, leadership and social influence). Applied skills relevant to assessment and research relevant to this field of psychology are also covered (e.g., assessing social phenomena, collecting data in an ethical way and writing research reports in a style suitable for psychology). Students will also require email and internet access to USQConnect for this course.

PSY2020 MOTIVATION AND EMOTION (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY1010

This course will cover a number of related topics in motivation and emotion, such as drives and instincts, theories of motivation, consciousness and volitional behaviour, self-control and self-regulation, the structure and function of emotions, relationships between emotion and cognition, and the regulation of emotions.

PSY2030 DEVELOPMENTAL PSYCHOLOGY (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY1010

The three goals of developmental psychology are to describe, explain, and optimise human development. This course aims to provide students with the knowledge necessary to achieve these goals. This course takes a life-span approach, introducing students to essential theories and methodologies employed in developmental study, as well as the characteristics and major developmental tasks of individuals at each phase of the life span: prenatal, birth, infancy, toddlerhood, childhood, adolescence, adulthood and the final phase of dying and death.

PSY2040 HUMAN INFORMATION PROCESSING (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY1020 and (PSY2100 or STA2300)

The course starts with an introduction to human information processing, and a revision of sensation and perception (initially covered in Foundation Psychology B). The course builds upon this material by examining perceptual processes in a functional manner. The perception topics mainly involve vision, with minor mentions of the other senses, and include iconic memory, masking, optical illusions and signal detection theory, with a strong emphasis on experimental research and evidence. Following the introductory information, theories of perception; attention and attentional theories are discussed (all the above topics are examined in a mid-semester CMA test). The course then turns to an examination of human memory with an applied focus, covering topics such as short/long term memory, eyewitness testimony, false memory, and ageing, and includes the most prevalent and current theories of how memory can be best understood, along with evidence for and against such theories. Following memory, the final part of the course centres around reasoning (and reasoning errors) and finishes with the influence of emotion on cognition (all examined in the end of semester exam). In addition, the course allows students to build and demonstrate skills in the analysis of simple datasets, graphing of results and the writing of APA-style Results and Discussion sections (assessed in Assignments 1 and 2).

PSY2050 FACILITATION AND NEGOTIATION (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

The course is divided into two parts. The first part concerns the theories and principles which underpin models of facilitation and negotiation. Topics include theories of learning, principles of process design, evaluation models applicable to facilitated processes, reflective practice, and facilitation microskills. The second aspect of the course focuses on application of theories and individual skill development. Students are required to demonstrate process design, facilitation microskills, and process management, in a structured and supported group learning task.

PSY2100 RESEARCH METHODS IN PSYCHOLOGY A (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY1010 and STA2300. For students enrolled in Program BSSC with a major in BES: PSY1010 and STA3100.

This course introduces the methods and statistics used to develop knowledge in the field of psychology. Topics covered include: operationalising theoretical constructs, internal and external validity, sampling and assignment, and an introduction to survey and experimental methods. Data analysis techniques include measures of central tendency, chi-square tests, t-tests, correlation and regression as they pertain to psychological research. The concepts of statistical inference, decision making, and potential sources of error are also covered. The computer statistical package, SPSS, is used to develop practical analysis skills and enhance conceptual understanding. Reliable access to a suitable computer and internet access is required as per Faculty of Sciences requirements.

PSY2104 PSYCHOLOGICAL SKILLS C (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in the following Program: BPSH

This course deals with the fundamental issues of research and professional skills. With respect to psychological research skills this course centres on the preparation of a research proposal consisting of an ethics application, a review of the literature and specification of a research methodology. With respect to professional skills development, this course focuses on assessment skills which include administration of psychological tests and issues regarding psychiatric nosology and diagnosis. The Work Integrated learning component of the course deals with issues associated with student's first placement in the following semester.

PSY2105 PSYCHOLOGICAL SKILLS D (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY2104 and Students must be enrolled in the following Program: BPSH

This course further develops the research and critical thinking skills learned by students in other courses and also introduces students to the skills required to function effectively in the workplace. Within the Work Integrated Learning (WIL) component students will engage in a university-supported WIL-focused project. Students will engage in a range of career development activities in order to secure places within each of the projects.

PSY3010 ASSESSMENT OF BEHAVIOUR (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY2100

This course is divided into two parts. The first part concerns the principles of psychological testing, and topics include ethical practice in testing, theories relevant to psychological testing, test reliability and validity, norms, and how each of these aspects inform the evaluation and use of psychological tests. The second part concerns particular areas of testing such as intelligence, personality, vocational aptitude, and tests of specific functioning, including clinical and forensic, and how these are applied in various practice settings. Students can expect to learn about some of the major tests currently in use, as well as a representative array of tests typifying the above areas.

PSY3030 ABNORMAL BEHAVIOUR (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY2020

The course involves an elaboration of the main concepts and issues regarding abnormal behaviours and mental illness. Major questions addressed include: (1) what is mental illness? (2) what types of maladaptive behaviours and psychological disorders are there? (3) how are they classified? (4) what are the proposed aetiologies of these disorders and with what characteristics are they correlated? (5) what general modes are available to intervene in disorders? Students will require access to e-mail and internet access to USQConnect for this course.

PSY3050 COUNSELLING PSYCHOLOGY (FOSCI - UGRD)

Units 1.0 (Counselling) Band 1

Pre-requisite: PSY2020

This course is designed to introduce the student to the theory and issues involved in counselling. Various models of counselling and behaviour change that constitute the field of counselling psychology will be examined along with an introduction to the major theories and their related techniques and interventions. Students must be able to access USQStudyDesk for participation in discussion groups and for additional study materials.

PSY3080 HUMAN FACTORS (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY1010 and PSY1020 and (STA2300 or PSY2100)

The course begins with an historical overview of the interface between psychology and work and the consequent growth of human factors/en gineering psychology. Research methodology plays a big part in hu man factors, indeed it is a theme that runs through the whole course, so there is some early coverage of statistics and methods. Sections on human sensory systems, cognition, and human physiology em phasise the importance of understanding the limitation of these sys tems from a human-machine interface perspective. The approach taken involves reviewing a topic (e.g., perception), describing the limitations in human systems for machine and software design, fol lowed by coverage of the design process itself. The final section of the course applies the principles of human factors to fields such as automation, transportation, medicine, and training with a view to ex plaining much of the problem behaviour we observe in these fields and using human factors principles to bring about improvements.

PSY3101 CAREER ASSESSMENT AND DEVELOPMENT (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY2010

This course focuses on giving students a solid foundation in career development principles as well as practice in using assessment results to increase clients' self-awareness and make rational career choices. Students will acquire rudimentary knowledge of using assessment results in a variety of counselling situations. The career development of adults in organisations will be a particular focus of this course.

PSY3104 PSYCHOLOGICAL SKILLS E (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY2105 and Students must be enrolled in the following Program: BPSH

The development of psychological research skills involves conducting an individual piece of research. This semester will focus upon design ing and conducting a psychological experiment. Students will be re quired to write an Introduction and method section. Work integrated learning will continue via a community/industry placement of approx imately 100 hours duration.

PSY3105 PSYCHOLOGICAL SKILLS F (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY3104 and Students must be enrolled in the following Program: BPSH

With respect to psychological research skills this course continues the independent piece of research conducted in Semester 1. In this semester it is expected that data will be analysed, and Results and Discussion sections written and the work done in S1 be integrated such that the output resembles an Honours thesis. Students are also expected to undertake a community/industry placement of 100 hours duration.

PSY3110 CLINICAL HEALTH PSYCHOLOGY (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY3030

This course will consider psychological factors involved in the area of health and disease from the theoretical perspectives of social psychology as they relate to behavioural change. It will discuss psy chological research methods in their application to health. Students will examine health-related behaviours, such as coping with disease and pain, attitude to medical advice, smoking, diet, exercise, alcohol use, sexual practices, and injury prevention. Finally future challenges facing psychology in its relationship to health will be outlined. The course will be offered in the form of twelve modules on-campus and externally.

PSY3111 RESEARCH METHODS IN PSYCHOLOGY B (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY2100

This course builds upon the basic methods and tools of psychological research, extending the range and complexity of questions which can be addressed. A variety of research designs are introduced in cluding complex experimental and quasi-experimental designs and single-subject designs as ways of answering specific questions and dealing with potential confounds. The statistical and analytic tools associated with these more advanced techniques are also explored including factorial analysis of variance, and multiple regression. Stu dents will need access to the SPSS software package throughout this course and will also need to access the internet for participation in a research project.

PSY3120 HISTORY AND SYSTEMS OF PSYCHOLOGY (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY1010 and PSY1020

This course focuses on the development of scientific thought from the Greek philosophers through to the end of the 19th Century when Psychology formally emerged as a separate discipline with its own subject matter and accepted methodologies. The course will engage with key debates within psychology and consider postmodernism and other recent challenges to science and the logical positivist tra dition in Western psychology. In tracing this historical development, the course emphasises the role played by key individuals in the intro duction of new ideas and methods. It also draws attention to the often unrecognized influence of geographical and sociopolitical contexts on what are considered to be acceptable accounts of psychological functioning. Students approaching the end of their undergraduate course in Psychology will be surprised to see very early versions of what are now influential and empirically supported psychological theories, and be able to consider the importance of socio-historical locations of knowledge in the shaping of our psychological under standings of phenomena.

PSY3250 SPORT PSYCHOLOGY (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY1010

This course will explore the contribution of psychology in sport settings by highlighting and encouraging discussion of relevant issues. Through this process, students will develop greater awareness of the knowledge base, key skills, and professional responsibilities de manded of psychologists and researchers working in the field of sport psychology. Students will require computer and internet facilities as described in the USQ Handbook for Psychology students.

PSY3730 INDUSTRIAL AND ORGANISATIONAL PSYCHOLOGY (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY2010

This course concentrates on how psychological knowledge and methods can be applied in industrial and organisational settings. Particular topics concern such matters as job analysis and perfor mance appraisal, recruitment and selection techniques, group be haviour, leadership and participation, ergonomics and safety in the workplace.

PSY4001 PSYCHOLOGY HONOURS PROJECT 1 (FOSCI - UGRD)

Units 1.5 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BSCH in Psychology major (12302) or BPSH Co-requisite: PSY4111

This is the first of two courses that contribute towards the Psychology Honours Project. The overall project will involve two work products, a literature review and a journal article that describes an individual piece of research in a selected area of the journal article is based upon an empirical study which requires advanced knowledge of statistics and research methodology. In this first course, students are required to decide on a topic; commence their review of the literature and to begin the operational phase of their empirical research.

PSY4002 PSYCHOLOGY HONOURS PROJECT 2 (FOSCI - UGRD)

Units 1.5 (Psychology) Band 1

Pre-requisite: PSY4001 and Students must be enrolled in one of the following Programs: BSCH in Psychology major (12302) or BPSH

This is the second of two courses that contribute towards the Psychol ogy Honours Project. This course centres on the second component of the Honours Project: submission of a journal article. The journal article is based upon an empirical study which requires advanced knowledge of statistics and research methodology In this second course, students will continue working on the research project that was approved in Psychology Honours Project 1 and submit their final dissertation consisting of the initial literature review and the journal article.

PSY4020 ETHICAL AND PROFESSIONAL PRACTICE (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in Program BSCH in Psychology major (12302) or Program BPSH

This course is designed to introduce the student to a number of issues involved in the professional practice of psychology. Various issues such as working with challenging populations, learning, knowing, and applying ethical guidelines, and evaluating various ethical dilemmas in a variety of clinical settings (through real life and simulated case studies) will be explored. Students must be able to access StudyDesk.

PSY4030 SKILLS AND ISSUES IN COUNSELLING (FOSCI - UGRD)

Units 1.0 (Counselling) Band 1

Pre-requisite: Students must be enrolled in Program BSCH in Psychology major (12302) or Program BPSH

This course provides students with a thorough understanding of the counselling process. The focus of the course is practical with refer ence to previously learnt counselling theory. Students will develop the basic foundation skills of counselling, as well as the ability to formulate, plan and evaluate therapy. Professional issues pertaining to all aspects of counselling will be covered in detail, as well as con textual issues impacting upon the client and the therapeutic process. These issues include gender and cross-cultural issues. There is an emphasis on both personal and professional self-exploration and development. Toowoomba Campus: This course will be offered via two compulsory workshops on-campus, each of two days' duration, and by self-directed study, readings, assignments and web-based discussion groups. Springfield Campus: This course will be offered via weekly classes which incorporate practical and regular written work, part of which will form the assessment.

PSY4040 ADVANCED PSYCHOLOGICAL THEORY (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in Program BSCH in Psychology major (12302) or Program BPSH

The aim of this course is to further develop students' critical under standing of several core theoretical models of human behaviour, with a view to applying those theoretical perspectives to various current issues faced by contemporary Australians. Students will use research evidence to critically evaluate the theories in order to gain a greater understanding of particular current psychosocial issues, and to devel op suitable evidence-based interventions that are ethically sound, consistent with theory, and sensitive to diversity issues in 21st century Australian society such as culture, gender, age, religious beliefs, sexual orientation, disability, and socioeconomic status. Strengths and limitations of the proposed interventions will also be considered.

PSY4065 POSITIVE PSYCHOLOGY: THEORY AND APPLICATION (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BPSH or BSCH

The aim of this course is to develop students critical understanding of, and competence in applying, the fundamental principles of Positive Psychology across selected contexts. The theoretical component of the course provides students with an historical overview of theories informing this approach including humanistic theories through to emerging theories of resilience, optimism and human flourishing, along with recent research on neuropsychology and brain plasticity. Students will review empirical evidence to critically evaluate these theories as well as the strengths and limitations of assessment instru ments and evidence-based interventions and their relevance for 21st century Australian society. This course also includes a practical component which provides students with supervised experiences in positive psychological assessment, designing and delivering positive psychological interventions with selected clients, and evaluating outcomes with individual and groups.

PSY4070 ADVANCED ASSESSMENT (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in Program BSCH in Psychology major (12302) or Program BPSH

The development of testing skills and the application of testing prin ciples in the clinical setting will be taught through workshops, lectures, and case studies. In particular, mastery will be developed in the Wechsler Adult Intelligence Scale 4th edition (WAIS-IV), the Person ality Assessment Inventory (PAI) , the Test of Premorbid Functioning (TOPF), and methods for assessing memory and learning.

PSY4080 PSYCHOLOGY COMPLEMENTARY STUDIES A (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

This course provides the opportunity for a student to pursue an area of study that will complement the other studies in the student's pro gram. Typically the course will consist of specialized investigations extending knowledge and skills in a certain area. The studies could involve, for example, directed readings, extension of the project (where appropriate), or some other approved activity which would complement the student's studies in the program.

PSY4090 PSYCHOLOGY COMPLEMENTARY STUDIES B (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

This course provides the opportunity for a student to pursue an area of study that will complement the other studies in the student's pro gram. Typically the course will consist of specialized investigations extending knowledge and skills in a certain area. The studies could involve, for example, directed readings, extension of the project (where appropriate), or some other approved activity which would complement the student's studies in the program.

PSY4111 MULTIVARIATE ANALYSIS (FOSCI - UGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BPSH or BSCH in Psychology major (12302)

The course reviews key aspects of research methodology and ele mentary statistics covered in undergraduate methodology courses, and uses this as a basis for exploring common multivariate analysis techniques. The techniques are covered in readings and learning activities. Students are also required to carry out analyses (including the evaluation of parametric assumptions) using statistical software. Students are required to demonstrate their practical competence in assignments and are encouraged to participate in ongoing discussion forums designed to assist their learning. This course is also supported by four compulsory workshops during the semester where students can gain a further understanding of multivariate analysis and its role in contemporary research.

PSY5010 ASSESSMENT FOR SUBSTANCE MISUSE (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in Program GCAD

As for other courses in the alcohol and drug studies program, this course is divided into three parts. The first part concerns principles of assessment, and includes an overview of psychometrics and some of the technical limits that may arise when working with a substance using population. The second part focuses on the core skills of as sessment, in terms of how to assess individual patterns of substance use, assessment for predisposing biological factors and precipitating psychosocial factors, assessment for co-morbid mental health prob lems, risk assessment for suicide, and assessment for change readiness as a foundation for treatment planning. Students are intro duced to a range of assessment methods and tools, and guided through the process of critiquing the efficacy of each in their practice settings with respect to various client presentations. The final compo nent of the course pertains to ethics and culture, both of which are either mandated or recommended aspects of training in the health professions. The course follows a structured 10-module format to address the knowledge based components, while the skills compo nents are completed on an ongoing basis and link to the major as signment, an assessable skills demonstration.

PSY5020 MOTIVATIONAL INTERVIEWING (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in Program GCAD

This course is divided into three parts. The first part concerns foun dation principles of motivational interviewing, and includes the transtheoretical model of behaviour change, the stages of change, ambivalence and resistance. The second part of the course focuses on skills development. Students are guided through the key practical elements of how to assess an individual's stage of change, and strategies for responding to clients at each level of the change cycle. Further skills development includes recognition of and response to client resistance, using motivational interviewing techniques. The final aspect of the course pertains to ethics and culture, both of which are either mandated or recommended aspects of training in the health professions. The knowledge components of the course are provided in a structured 10-module format, while the skills component is completed on an ongoing basis, leading up to submission of the as sessable skills demonstration task at the end of semester.

PSY5030 INTRODUCTION TO PSYCHOACTIVE DRUGS (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in Program GCAD

This course focuses primarily on acquisition of foundation knowledge and is divided into three parts. The first part, Modules 1 and 2, con cern the evolution and current status of drug classification systems, as well as information about the psychophysiology of drug addiction. The second part, Modules 3 to 9, focuses on specific classes of drugs, including stimulants, depressants, and alcohol, and covers all of the common and emergent forms of substance misuse. Students are guided through readings and activities to develop their core knowl edge of drug classes, the effects of each drug type, including physical, psychological, and teratogenic risks, and the rehabilitative potential for each. The final aspect of the course, Module 10, pertains to ethics and cultural factors as a foundation for professional practice or as preparation for related courses in the Graduate Certificate in Alcohol and Drug Studies. The course is presented in a structured 10-module format, and assessed via a series of online quizzes and a major written assignment addressing a discipline-specific or practice-relevant topic.

PSY5040 RELAPSE PREVENTION (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in Program GCAD

This course is divided into three parts. The first part concerns the theoretical basis of relapse prevention, and the evidence base which informs its application in practice. The second part of the course fo cuses on knowledge of the situational risk factors and cognitive dis tortions that maintain health compromising behaviours. Students are guided through a number of readings and practical activities to assist development of skills for identification of cognitive distortions. This component also includes a range of strategies for responding to client lapses and relapse, both for short to medium term management, and for longer term maintenance of resilience to relapse risk. As for other courses in the GCAD program, the final module of PSY5040 address es ethics and cultural factors, both of which are either mandated or recommended aspects of training in the health professions. The knowledge components of the course are provided in a structured 10-module format assessed through a series of online quizzes, while the skills component is assessed via a multi-faceted applied case study task.

PSY5050 RESEARCH METHODS FOR PRACTITIONERS (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY8040 and Students must be enrolled in the following Program: PDPP

Students will be introduced to a wide variety of methodological and statistical techniques that will enhance their ability to utilise research findings in the assessment and treatment of their clients. These methods will include the development and evaluation of test reliability and validity, the roles of factor and cluster analyses in informing clinical practice, the selection and recombination of test data into composites, the evaluation of reliable change, monitoring and evalu ation of treatment efficacy, meta-analysis and meta-norming, the computation and analysis of test operating characteristics, and the evaluation of effect sizes. Case examples and assignments are drawn from clinical practice and emphasise the value of these methods in addressing important elements of each case.

PSY5060 PRACTICE ACROSS THE LIFESPAN (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Prerequisite: PSY8010 and PSY8040 and Students must be enrolled in the following Program: PDPP

Students will be introduced to the practice of psychology across the lifespan from a biopsychosocial perspective. Each phase of develop ment from infancy through to old age must cope with different chal lenges through which professional psychology seeks to provide support. This requires an extensive knowledge of the physical and emotional development associated with each phase along with psy chological and social pressures encountered by people in different stages of their life. A developmental approach will be taken in this course that focuses on the distinct types of issues confronted by psychologists in working with clients of differing ages, gender, and cultural background that examines the differing influences of physical and emotional development, social roles, cultural influences, and life crises.

PSY8010 ISSUES AND SKILLS IN PROFESSIONAL PRACTICE (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: DPCL or MPCL or PDPP

This course focuses on discipline knowledge and professional and interpersonal competencies required of students in relation to super vised practice in both mental health-specific and more general set tings. Students will examine the assumptions, values and social/in terpersonal skills that they bring into their professional practice. Building on these, students will develop their professional knowledge and interpersonal/professional competencies, including interviewing, developing a therapeutic alliance, and report writing. There is a focus on skill acquisition within the contexts of cultural competency and professional ethics. Learning opportunities include compulsory day-long workshops on-campus, video-based self reflective learning and feedback, readings, assignments and web-based discussion groups.

PSY8020 ADVANCED RESEARCH TECHNIQUES (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY8010

Students will be introduced to a number of techniques. The course also revises and builds upon relevant previous course material. Stu dents will learn to think about research designs and research hypothe ses in a more critical, intuitive and constructive way. These techniques are also applied to examples that students may face as a part of their professional career. The course is broken into 3 residential workshops - each one runs for 2 days. The material covered is assessed in 2 assignments of equal weighting. The Examiner may choose to break either or both assessment pieces into multiple smaller assessment items, if they believe this will aid student learning. Final details of each assessment item will be discussing in the first workshop.

PSY8030 GROUP INTERVENTIONS (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY8010 and PSY8050

This course provides students with an understanding of conceptual underpinnings of group psychotherapy and stages of change, and evidence of efficacy in its application to various mental health prob lems. Students will engage in self reflective exercises to gain awareness of their personal and professional strengths and chal lenges in engaging in group settings. Students will integrate this self awareness with knowledge of group facilitation processes to acquire therapeutic skills, for developing and assessing processes and out comes within the contexts of ethical professional practice.

PSY8040 INDIVIDUAL ASSESSMENT (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: DPCL or MPCL or PDPP

This course aims to provide students with a broad understanding of approaches to assessing individual behaviour in adults and children through the use of standardised tests. Students will develop expertise in the analysis, interpretation, and communication of psychological test data pertinent to clinical practice.

PSY8045 CLINICAL ASSESSMENT AND INTERVENTION I (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: DPCL or MPCL or PDPP Co-requisite: PSY8010

This course focuses on discipline knowledge and basic diagnostic and therapeutic competencies required of students before commenc ing supervised practice in clinical settings. Students will learn and practice different forms of structured clinical interviewing, and the use of standardized measures in the context of clinical diagnosis. Building on these, students will learn how to develop an appropriate treatment plan for each case. This course will be offered via compul

PSY8050 CLINICAL ASSESSMENT AND INTERVENTION II (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY8045

This course addresses principles and practice of supportive cognitive-behaviour therapy in relation to common psychological problems such as anxiety, depression and stress. This material will be present ed and role-played through practical skill development workshops. The skill level of individual students will be assessed using videotaped therapy sessions with clients.

PSY8060 HEALTH PSYCHOLOGY (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY8045

This course will examine biopsychosocial factors associated with mortality and morbidity in the Australian culture. It will consider re search and theory relevant to health and lifestyle-related behaviour. A range of health attitudes, assessment methods and interventions will be reviewed, and students will use several of these methods in practice sessions. This course will be offered through three two-day compulsory workshops on-campus, each of two days duration.

PSY8065 ADULT PSYCHOPATHOLOGY (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Co-requisite: PSY8010

This course aims to support a problem-solving approach to under standing of common psychological disorders, notably diagnosis but also aetiology, maintaining mechanisms, and broad frameworks of intervention.

PSY8071 CHILD AND ADOLESCENT PSYCHOPATHOLOGY (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY8045

It is assumed that students will come into this course with a sound knowledge of normal child development and theories of human de velopment. The course will expand upon that basic knowledge in an exploration of characteristics, definitions, causes, contexts and out comes of psychopathology in children. The course will range from early developmental problems through middle and late childhood to early adolescence.

PSY8090 ADVANCED INDIVIDUAL INTERVENTION (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY8050 and PSY8130 and Students must be enrolled in the following Program: DPCL

This course builds on principles and practices of therapeutic orienta tions that compliment CBT to address a range of mental health problems, particularly those related to trauma. It provides students with opportunities to acquire skills from direct experience and to de velop better personal reflective-generative practice. Course material is presented through three two-day workshops and critiqued individ ual practice.

PSY8130 PRACTICUM 1 (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY8010 and Students must be enrolled in one of the following Programs: DPCL or MPCL or PDPP

The first Practicum is designed to provide students with a structured situation in a clinical agency in which appropriate psychological skills can be developed to high levels of competency. It gives the student the opportunity to examine applied problems from a theoretical per spective and to then apply theoretically derived interventions. It pro motes a scientist-practitioner model of the professional psychologist. Students will be encouraged to approach applied problems and skill based learning from a hypothesis based assessment perspective. The emphasis is on skill development in a supervised, structured environment. Expert feedback on performance is seen as an essential feature of the learning process and strong emphasis is placed on skill development under adequate supervision.

PSY8140 PRACTICUM 2 (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY8130 and Students must be enrolled in one of the following Programs: DPCL or MPCL or PDPP

This practicum course provides students with a structured situation in which to develop knowledge and skills within the psychology field. While the objectives are similar to Practicum 1, the level of indepen dent practice and the application to specialist areas further challenges the student to broaden and diversify beyond their responsibilities in the first placement.

PSY8150 PRACTICUM 3 (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY8140 and Students must be enrolled in the following Program: DPCL

Assessment of the student's evaluations and skill development in Practicums 1 and 2 will determine areas within which the student is capable of independent practice within a structured setting. Students who have interests in areas where they have not had the opportunity to train will be able to address some of their time to that area if an appropriate setting is available. However, the primary goal is to pre pare the student for entry into the psychology profession.

PSY8151 MASTERS PRACTICUM 3 (FOSCI - PGRD)

Units 2.0 (Psychology) Band 1

Pre-requisite: PSY8140 and Students must be enrolled in the following Program: MPCL

Assessment of the student's evaluations and skill development in Practicums 1 and 2 will determine areas within which the student is capable of independent practice within a structured setting. Students who have interests in areas where they have not had the opportunity to train will be able to address some of their time to that area if an appropriate setting is available. However, the primary goal is to pre pare the student for entry into the psychology profession.

PSY8160 PSYCHOLOGY MASTERS PROJECT A (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Co-requisite: PSY8020

This is the first of two courses that contribute towards the Psychology Masters Project. The student will prepare to undertake a supervised research project by completing a literature review and determining a methodology, and obtaining the required ethical approval for the project.

PSY8170 PSYCHOLOGY MASTERS PROJECT B (FOSCI - PGRD)

Units 3.0 (Psychology) Band 1

Pre-requisite: PSY8160

This is the second of two courses that contribute to the Psychology Masters Project. The course will consist of an individual empirical project in a selected area of psychology of relevance to the student's chosen specialisation. Under the supervision of a staff member, the student will design the study based on a review of appropriate litera ture, collect and analyse data and write a report normally of 9,000 to 15,000 words (but not exceeding 20,000 words). It is expected that the report of the project would be of sufficient standard to be accepted for publication in a professional journal.

PSY8180 ADVANCED PRACTICUM (FOSCI - PGRD)

Units 4.0 (Psychology) Band 1

Pre-requisite: PSY8150 or PSY8151

The Advanced Practicum challenges the student across two domains. First, the substance of the clinical training is of significant breadth and/or depth of knowledge and skills in a particular area. This de mands a scholarly integration of theory and practice built on self re flective processes, comparative analysis and critical thinking. Second, service to the profession includes the provision of supervision to colleagues who are in earlier stages of postgraduate supervised practice, and provision of a professional development activity for mental health professionals. These activities represent two essential aspects of contributing to Australian Psychology through mentorship and lifelong learning practices.

PSY8601 PSYCHOLOGY DOCTORATE PROJECT A (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Co-requisite: PSY8020

This is the first of four project courses that contribute to the profes sional doctorate. The course involves selecting a topic and supervisor, conducting a thorough literature review, and developing a detailed thesis proposal that critically summarises the current substantive, practice and research methodology issues. The student will be ex pected to exhibit competence in conducting a thorough literature search using various data bases, identifying pivotal issues, formulating appropriate research questions and hypotheses derived from theory and empirical findings, and designing methods appropriate to inves tigating the research question(s). A written report (up to 8,000 words) will be submitted to the supervisor.

PSY8602 PSYCHOLOGY DOCTORATE PROJECT B (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY8601

This is the second of four project courses that contribute to the Pro fessional Doctorate. This course involves the conduct of the first study as outlined in the research plan submitted in PSY8601 Psychol ogy Doctorate Project A. The student is expected to conduct the study, report on the findings and provide a critical examination of the research plan. Based on these considerations the student is expected to make any modifications necessary to the proposed research plan and prepare to continue with the second study in Project C (PSY8603).

PSY8603 PSYCHOLOGY DOCTORATE PROJECT C (FOSCI - PGRD)

Units 1.0 (Psychology) Band 1

Pre-requisite: PSY8602

This is the third of four project courses that contribute to the profes sional doctorate. This course involves the conduct of the second study as outlined in the research plan submitted in PSY8601 Psychol ogy Doctorate Project A. The student is expected to consider the implications of the findings of Psychology Doctorate Project B for the second study, conduct the study, report on the findings and critically examine the outcomes in terms of the overall research objectives.

PSY8604 PSYCHOLOGY DOCTORATE PROJECT D (FOSCI - PGRD)

Units 4.0 (Psychology) Band 1

Pre-requisite: PSY8603

This is the fourth of four project courses that contribute to the profes sional doctorate. This course involves the completion of the research component as outlined in the proposal submitted in Project A and conducted in the studies in Project B and Project C. The student will be expected to exhibit competence in using the appropriate analytical procedures to examine the hypotheses guiding the research program, reporting and integrating the results of the studies completed, critically examining the findings in terms of theoretical underpinnings of the research, previous findings, methodological issues, and directions for future study. When required, it is also expected that the student will use qualitative and quantitative techniques to triangulate sources of evidence and substantiate the thesis arguments. A written report (up to 30,000 words) will be submitted for examination and an oral presentation of findings will be required. The quality of the dissertation will meet the standard of a good refereed journal in its field.

PUB5001 INTRODUCTION TO EDITING AND PUBLISHING (FOART - PGRD)

Units 1.0 (Communication and Media Studie) Band 1

This course provides instruction on the tasks involved in publishing, with the emphasis on the editor's role. An analysis of the communi cation process via a range of print and online material will focus on audience, content, and choosing which forms of media best suit readers and their learning styles. Instruction will follow the stages in structural and copy editing. Proofreading and the tools, resources and procedures required for the various tasks will be explained. Publication design, typography, and formatting will focus on readabil ity and effectiveness of the message including the use of illustrations and tables. Students will be guided through steps in checking layout and colour proofs. Legal and ethical concerns will include copyright and the identification requirements of a book. Students will become familiar with the use of electronic communication and online editing.

PUB5002 WRITING FOR EDITORS: BASIC (FOART - PGRD)

Units 1.0 (Communication and Media Studie) Band 1

This course develops the skills editors will need to write a range of materials during different stages of the publishing process: specifically those needed to carry out editorial tasks such as readers' reports, author queries, and briefing the publishing team. Instruction will focus on the writing skills required by editors: specifically to develop an ef fective editor-author relationship, to analyse and evaluate texts with the focus on audience, to brief the publishing team including design ers, illustrators, multimedia designers and freelancers. Emphasis will be on the principles of good writing including grammar, consistency, punctuation, jargon, syntax and expression. Intellectual property and other legal and ethical concerns will be examined in context. Electron ic communication will be covered. Throughout the course the focus will be on clarity and precision in decision-making and expression in developing and producing professional publications.

PUB5003 EDITING PRACTICE (FOART - PGRD)

Units 1.0 (Communication and Media Studie) Band 1

Pre-requisite: PUB5001

This course provides instruction on all levels of non-fiction copyediting. It builds on the previous course's knowledge of spelling, punctuation, italics, capitalisation, treatment of proper names, numbers, dates, dialogue and so on. The course also covers different house styles and includes marking up specific types of copy, such as references and reference lists, endmatter and preliminaries. Editorial require ments for a variety of text types will be covered, for example trade non-fiction, poetry, promotional brochures and web pages. Structural editing will start with the contents list as a structural prompt, look at the levels in the text and flesh out the content of a manuscript. Stu dents will develop abilities to analyse flow in a text, respect the au thor's voice, assess the suitability of language levels for different audiences, integrate text and design, and recommend suitable addi tions to complement the text, for example maps and cartoons. The ability to structure content for online presentation will also be devel oped. An online discussion group provides a means of raising and debating issues, sharing resources and broadening awareness of current developments.

PUB5004 WRITING FOR EDITORS: ADVANCED (FOART - PGRD)

Units 1.0 (Communication and Media Studie) Band 1

Pre-requisite: PUB5002

This course further develops the skills editors will need to write in simple, polite language during the publishing process, specifically, to communicate with typesetters and designers in response to colour proofs and provide comprehensive briefs for printers and indexers. Instruction will focus on the writing skills required by editors to nego tiate an acceptable result for print and electronic communication. Coverage will include writing back cover copy, brochure, box, cata logue and jewel case copy; ethical issues, writing and rewriting for non-print media. A text will be evaluated for tone and register and advanced author queries written. Throughout the course the focus will be on clarity and precision in decision-making and expression to develop and produce a wide range of professional publications. Skills will be practised in an online discussion group.

PUB5005 PUBLISHING AND PRODUCTION MANAGEMENT (FOART - PGRD)

Units 1.0 (Communication & Media Studies) Band 1

Pre-requisite: PUB5003 and PUB5004

This course provides the framework to assist you in understanding the processes involved in book production commissioning/acquisition, designing, producing and marketing/promoting books. The course aims to provide you with the knowledge and skills to prepare a pub lishing proposal, negotiate a contract/letter of agreement, cost the book to ensure that the project is financially viable, work with design and production personnel and liaise with relevant sales and marketing personnel in the development of appropriate marketing strategies to promote the book. The focus will be on the problem-solving and de cision-making processes required at each of the editorial, design, production and marketing stages.

PUB5006 ISSUES IN PUBLISHING AND TECHNOLOGY (FOART - PGRD)

Units 1.0 (Communication & Media Studies) Band 1

This course is an exploratory and reflective study of possible futures for the publishing industry. Students may by now already have a knowledge of the current practices and business structures which shape publishing as we know it today. This course considers the historical forces technological, economic and social that have influ enced publishing. It will then examine the nature of the newer tech nologies and reflect on what they might mean for the future.

PUB8001 PUBLISHING AND PRODUCTION MANAGEMENT PROJECT (FOART - PGRD)

Units 1.0 (Communication & Media Studies) Band 1

Pre-requisite: PUB5005 or JRN5022

This is the final course in the Graduate Diploma of Editing and Pub lishing program. It is the culmination of previous courses in which students gained knowledge and skills in publishing tasks from the editor's perspective involving manuscript assessment, structural and copy-editing (including onscreen editing), application of house styles, marking up specific types of copy, and proofreading. This course aims to provide an opportunity for the student to synthesise all these elements together by working on a fiction or non-fiction manuscript in order to demonstrate that he or she has acquired the necessary competencies to manage a book through the acquisition, editorial, design, production and marketing phases. Students can use a manuscript of their choice for the project, subject to its approval by the course facilitator.

REN1201 ENVIRONMENTAL STUDIES (FOSCI - UGRD)

Units 1.0 (Environmental Studies not else) Band 2

The course provides a general introduction and overview of the emergence of environmental issues at the global scale. An inter-dis ciplinary approach to the study of the environment is provided at a general level for students across all Faculties. The material is present ed in a number of inter-related modules that cover the biophysical environment, politics, economy and society, and human impact on the natural environment. The course focuses on ecological principles for thinking about the environment, the links between society and environmental exploitation and the development of ecologically sus tainable development. Consideration is given to population growth, the influence of technology, environmental economics and the role of community value systems. Issues examined from a global perspec tive include land utilisation, mining and fishing, energy production and use, water pollution, atmospheric pollution, urban systems and waste management. Special attention is given to ways in which envi ronmental problems are dealt with under the ecologically sustainable development framework.

REN2200 ECOLOGY FOR SUSTAINABILITY (FOSCI - UGRD)

Units 1.0 (Environmental Studies not else) Band 2

Ecology and conservation are closely related scientific disciplines that explore the very nature of life in terms of the distribution and abundance of organisms and interactions between organisms and their environment (ecology), and the diversity, scarcity and conserva tion of species, communities and ecosystems (conservation). This course provides a foundation in general ecological concepts and principles relevant to the sustainable management of the environment and an understanding of how ecological systems and processes have been impacted upon by human activities. The concept of biodiversity, mechanisms behind speciation and patterns in biodiversity, key threatening processes, and current issues in the conservation of biodiversity are examined. The course also examines concepts of pattern and processes in human-modified landscapes (including land transformation, habitat fragmentation, patch dynamics, conservation corridors and connectivity), implications for conservation and ecolog ical sustainability.

REN3301 BIODIVERSITY AND CONSERVATION (FOSCI - UGRD)

Units 1.0 (Environmental Studies not else) Band 2

The course incorporates an interdisciplinary approach to the study of biodiversity and conservation, with a foundation in ecological the ory and principles as a basis for the conservation and management of natural, production and disturbed systems. The concept of biodi versity as an ordered progression in biological complexity, from genes to ecosystems, is reviewed. The mechanisms behind the development of species, ecosystems and biodiversity are explored. The key threatening processes to biodiversity conservation are examined, with a focus on Australian ecosystems whenever feasible, and the processes and theories regarding the extinction of animals and plants are examined. The impact of humans on the earth's biodiversity and current issues in the conservation of biodiversity is also examined, in both global and regional settings. The scientific basis of species and habitat conservation and current practices and problems are also explored.

REN3302 SUSTAINABLE RESOURCE USE (FOSCI - UGRD)

Units 1.0 (Environmental Studies not else) Band 2

The course is based on an explanation of ecological principles as a basis for managing Australia's land and water resources sustainabil ity. The effects of economic growth and traditional management ap proaches on land use for agriculture, mining, forestry, protected areas, water catchments and urban expansion are analysed and explained. Environmental impacts are studied and compared economically, ecologically and socially. Current approaches to land and resource use planning and resource use are evaluated in terms of their contri bution to a sustainable Australian society. A major component of the course is a student project which examines a local resource manage ment issue in detail.

REN8101 ENVIRONMENT, SOCIETY AND SUSTAINABILITY (FOSCI - PGRD)

Units 1.0 (Environmental Studies not else) Band 2

This course provides a general introduction and overview of the emergence of environmental issues at the global scale and covers such topics as the physical environment, biological diversity, and human impact on the natural environment. Issues examined from a global perspective include food and fibre resources, water resources, energy production and use, mining, fishing and forestry, atmospheric pollution, climate change, urbanisation and waste management. The principles for sustainable development are introduced and possible future management of resources and the environment are discussed.

REN8202 CONSERVATION FOR SUSTAINABLE FUTURES (FOSCI - PGRD)

Units 1.0 (Environmental Studies not else) Band 2

Ecology and conservation are closely related scientific disciplines that explore the very nature of life in terms of the distribution and abundance of organisms and interactions between organisms and their environment (ecology), and the diversity, scarcity and conserva tion of species, communities and ecosystems (conservation). This course provides a comprehensive survey of general ecological con cepts and principles relevant to the sustainable management of the environment and an understanding of how ecological systems and processes have been impacted upon by human activities. The concept of biodiversity, mechanisms behind speciation and patterns in biodi versity, key threatening processes, and current issues in the conser vation of biodiversity are examined. The course also examines con cepts of pattern and processes in human-modified landscapes (in cluding land transformation, habitat fragmentation, patch dynamics, conservation corridors and connectivity), implications for conservation and ecologically sustainable development.

RES9000 MASTER OF PHILOSOPHY STUDIES PART-TIME MATHS, ARTS, BUSINESS, EDUC OR NURSING (OFFRE - RSCH)

Units 2.0 (Society and Culture not elsewh) Band 1

Part-time candidates undertaking research in Mathematics, Arts, Business or Education should enrol in this course for each semester of their candidature. This will normally be for a total of four semesters.

RES9001 MASTER OF PHILOSOPHY STUDIES PART-TIME BIOLOGY, ENGINE'G, PHYSICS OR PSYCHOLOGY (OFFRE - RSCH)

Units 2.0 (EnginTech not classified) Band 2

Part-time candidates undertaking research in Biology, Engineering, Physics or Psychology should enrol in this course for each semester of their candidature. This will normally be for a total of four semesters.

RES9002 MASTER OF PHILOSOPHY STUDIES FULL-TIME MATHS, ARTS, BUSINESS, EDUC OR NURSING (OFFRE - RSCH)

Units 4.0 (Society and Culture not elsewh) Band 1

Full-time candidates undertaking research in Mathematics, Arts, Business or Education should enrol in this course for each semester of their candidature. This will normally be for a total of two semesters.

RES9003 MASTER OF PHILOSOPHY STUDIES FULL-TIME BIOLOGY, ENGINE'G, PHYSICS OR PSYCHOLOGY (OFFRE - RSCH)

Units 4.0 (EnginTech not classified) Band 2

Full-time candidates undertaking research in Biology, Engineering, Physics or Psychology should enrol in this course for each semester of their candidature. This will normally be for a total of two semesters.

RES9500 DOCTOR OF PHILOSOPHY STUDIES PART-TIME MATHS, ARTS, BUSINESS, EDUC OR NURSING (OFFRE - RSCH)

Units 2.0 (Society and Culture not elsewh) Band 1

Part-time candidates undertaking research in Mathematics, Arts, Business or Education should enrol in this course for each semester of their candidature. This will normally be for a total of ten semesters.

RES9501 DOCTOR OF PHILOSOPHY STUDIES PART-TIME BIOLOGY, ENGINE'G, PHYSICS OR PSYCHOLOGY (OFFRE - RSCH)

Units 2.0 (EnginTech not classified) Band 2

Part-time candidates undertaking research in Biology, Engineering, Physics or Psychology should enrol in this course for each semester of their candidature. This will normally be for a total of ten semesters.

RES9502 DOCTOR OF PHILOSOPHY STUDIES FULL-TIME MATHS, ARTS, BUSINESS, EDUC OR NURSING (OFFRE - RSCH)

Units 4.0 (Society and Culture not elsewh) Band 1

Full-time candidates undertaking research in Mathematics, Arts, Business or Education should enrol in this course for each semester of their candidature. This will normally be for a total of six semesters.

RES9503 DOCTOR OF PHILOSOPHY STUDIES FULL-TIME BIOLOGY, ENGINE'G, PHYSICS OR PSYCHOLOGY (OFFRE - RSCH)

Units 4.0 (EnginTech not classified) Band 2

Full-time candidates undertaking research in Biology, Engineering, Physics or Psychology should enrol in this course for each semester of their candidature. This will normally be for a total of six semesters.

RES9505 PHD STUDIES ADMINISTRATION (OFFRE - RSCH)

Units 0.0 (Process and Resources Engineer) Band 2

International students participating in a twinning program will be en rolled in this course during the period that they are pursuing studies towards a USQ PhD qualification from their "home" institution.

RMD5001 RURAL CLINICAL MEDICINE 1 (FOSCI - PGRD)

Units 2.0 (General Practice) Band 3

Pre-requisite: Students must be enrolled in PCRM.

Rural Clinical Medicine 1 covers topics of clinical rural generalist practice where practice differs to referral hospital practice. Broadly, themes of the course are clinical matters more specific to rural gen eralist practice, emergency medicine in rural general practice, intro ductions to population health and cultural competence in rural gener alist practice, professional, legal and ethical issues in rural generalist practice and finally, the context of rural practice. These themes are then reinforced in clinical rural generalist practice. Assessment in cludes two observed clinical practice sessions and a written assign ment. Students are required to attend a compulsory workshop at the beginning of semester.

RMD5002 RURAL CLINICAL MEDICINE 2 (FOSCI - PGRD)

Units 2.0 (General Practice) Band 3

Pre-requisite: RMD5001 and Students must be enrolled in PCRM

This course includes more specific clinical topics delivered with par ticipation of students providing cases from their clinical experience during Rural Clinical Medicine 1. Further clinical experience is required in Rural Clinical Medicine 2 with assessment in the clinical environ ment of more advanced clinical practice. The course continues themes of clinical matters more specific to rural generalist practice, specific expansion of population health in rural generalist practice, theoretical and practical discussion of rural indigenous health, expanded profes sional, legal and ethical issues in rural generalist practice arising from student experience, and continuation of the theme of the context of rural practice discussed with student experience. These themes are reinforced in clinical rural generalist practice including assessment by two observed clinical practice sessions. Students are required to attend a compulsory workshop at the beginning of semester.

SCI1901 SCIENCE FUNDAMENTALS (FOSCI - UGRD)

Units 1.0 (Natural and Physical Sciences) Band 6

This course provides an introduction to science as a process of inquiry and to key areas of science that underpin many of the disciplines of science and technology. The course examines energy and forces, physical and chemical properties of materials, the shaping of the earth and the properties of its rocks and minerals, evolution of living things and their characteristics, structure and function of the human body, human impacts on ecosystems and landscapes and the concept of sustainability. The course is aimed primarily at students with little prior knowledge of science, who seek increased knowledge and skills in science, to assist in professional accreditation and personal devel opment.

SCI3301 SCIENCE PROJECT (FOSCI - UGRD)

Units 1.0 (Natural and Physical Sciences) Band 6

This course provides students with an opportunity to carry out re search work in a situation which resembles, as closely as possible, that in which they may find themselves when they begin a career in science. Students are required to thoroughly research and plan their project in consultation with an academic supervisor and submit a detailed report on completion of the project. A large proportion of the project will be laboratory or field oriented. Placements in this course depends on availability of a supervisor in the chosen area.

SCI3302 INDUSTRY PLACEMENT (FOSCI - UGRD)

Units 1.0 (Natural and Physical Sciences) Band 6

Pre-requisite: Completion of 2nd year (or 2 years full time study in a relevant area)

This course provides students with an opportunity to apply their specialised subject knowledge and academic skills to a practical sit uation in order to prepare them to successfully work in their future professional environment. It allows students to improve their learning by the application of the concepts, theories and graduate skills devel oped in their major area of study to their workplace activities and within a team environment. It will encourage a reflective approach to the development of their workplace skills. It is envisioned that the work experience will enhance the student's post-graduation employ ment prospects. Students should be aware that the number of student places in this course will be restricted and acceptance will be at the discretion of the Course Examiner. Students should have access to the internet. Students intending to enrol in this course should commu nicate with the course examiner well in advance of the first week of the semester in order for USQ Student Services to identify a suitable placement within a work environment. The course is offered in S1, S2, and S3. In discussion with the industry partner and USQ Student Services, students are required to provide a detailed project outline that is to be submitted to the course examiner prior to commencement of the semester. Part-time students that are in employment may define a project in consultation with their employer and discussion with USQ Student Services, however, the project is to be unrelated to their usual workplace activities. Students who enrol in this course can not request an exemption based on grounds of professional experience. The normal workload for this course is one day per week during the teaching period in which enrolled. If a suitable placement is not available, the student will not be able to enrol in this course.

SCI4401 SCIENCE HONOURS PROJECT A (FOSCI - UGRD)

Units 3.0 (Natural and Physical Sciences) Band 6

This course involves students in a research project which will be su pervised by a member of staff with appropriate expertise. It may consist of pure or developmental research in an important area of science and be based on experimental work conducted either within the University or elsewhere in conjunction with a government or pri vate organisation. This course will require the student to undertake an extensive literature review and deliver several seminars on their research topic, in addition to conducting their research program. Science Honours Project A and B need to be undertaken in consec utive semesters, overall Honours grades being determined in accor dance with Department of Biological and Physical Sciences Honours program guidelines.

SCI4402 SCIENCE HONOURS PROJECT B (FOSCI - UGRD)

Units 3.0 (Natural and Physical Sciences) Band 6

This course involves students in a research project which will be su pervised by a member of staff with appropriate expertise. It may consist of pure or developmental research in an important area of science and be based on experimental work conducted either within the University or elsewhere in conjunction with a government or pri vate organisation. At the conclusion of their research program stu dents are required to submit a detailed research dissertation. Overall Honours grades will be determined in accordance with Department of Biological and Physical Sciences Honours program guidelines.

SCI4403 SPECIAL STUDY IN SCIENCE (FOSCI - UGRD)

Units 1.0 (Natural and Physical Sciences) Band 6

The subject matter studied by students taking this course will vary, in order to complement the student's research projects. The student will be expected to gain knowledge in a selected field by private study consulting appropriate literature available through the library or pro vided by the supervisor. The special study in science area chosen will be assigned after consultation with the examiner and the appro priate Program Coordinator. Students may be directed to a certain science study, or they may be asked to nominate an appropriate study. To fulfil entry requirements, students must provide the course examiner a satisfactory study plan, endorsed by the appropriate Program Coordinator/Supervisor, by the end of week 1 of the semester in which they are taking the course. It is the students' re sponsibility to attend and participate appropriately in all activities (such as lectures, tutorials, laboratories and practical work) scheduled for them, and to study all material provided to them or required to be accessed by them to maximise their chance of meeting the objectives of the course and to be informed of course-related activities and ad ministration.

SCI4405 RESEARCH PRACTICE AND ETHICS (FOSCI - UGRD)

Units 1.0 (Natural and Physical Sciences) Band 6

This course is designed to allow students to appreciate the role of communication skills required in the successful pursuit of a career in scientific research and to appreciate the role of philosophy in sci ence. The modular structure of the course is designed to allow the student to develop skills in particular aspects of scientific communi cation. Topics include: computer based information retrieval, experi mental design and analysis, verbal and written scientific communica tion skills (debates, seminars, posters and papers) and, the interaction between science and society with an emphasis on the philosophy of science.

SCI4407 COMPLEMENTARY STUDIES A (FOSCI - UGRD)

Units 1.0 (Natural and Physical Sciences) Band 6

This course provides the opportunity for a student to pursue an area of study which will complement the other studies in their program. Typically the course will consist of specialized investigations extending knowledge and skills in a certain area. The studies could involve, for example, a directed reading course, an extension to a project (where appropriate), or some other approved activity which would comple ment the student's studies. The area of study chosen will be assigned after consultation with the examiner and a staff member with expertise in the area concerned. To fulfil entry requirements into the course, students must provide the course examiner with a satisfactory study plan, endorsed by the appropriate staff member, by the end of week 1 of the semester in which they are taking the course.

SCI4408 COMPLEMENTARY STUDIES B (FOSCI - UGRD)

Units 1.0 (Natural and Physical Sciences) Band 6

This course provides the opportunity for a student to pursue an area of study which will complement the other studies in their program. Typically the course will consist of specialised investigations extending knowledge and skills in a certain area. The studies could involve, for example, a directed reading course, an extension to a project (where appropriate), or some other approved activity which would comple ment the student's studies. The area of study chosen will be assigned after consultation with the examiner and a staff member with expertise in the area concerned. To fulfil entry requirements into the course, students must provide the course examiner with a satisfactory study plan, endorsed by the appropriate staff member, by the end of week 1 of the semester in which they are taking the course.

SCI9000 MASTER OF SCIENCE DISSERTATION PART TIME (MATHEMATICS) (FOSCI - RSCH)

Units 2.0 (Mathematical Sciences not else) Band 6

Part-time candidates undertaking Master of Science research in Mathematics should enrol in this course for each semester of their candidature. This will normally be for a total of four semesters. Full time candidates undertaking Master of Science research in Mathe matics should enrol in this course for each of the first two semesters of their candidature. They should enrol in the course SCI9002 Master of Science Dissertation Full Time (Maths) in subsequent semesters (normally a further two). The subject of their Research Project will be decided in consultation with their Project Supervisors and the Faculty of Sciences.

SCI9001 MASTER OF SCIENCE DISSERTATION PART TIME (SCIENCE) (FOSCI - RSCH)

Units 2.0 (Natural and Physical Sciences) Band 6

Part-time candidates undertaking Master of Science research in Biol ogy, Physics, Climatology or Chemistry should enrol in this course for each semester of their candidature. This will normally be for a total of four semesters. Full time candidates undertaking Master of Science research in Biology, Physics or Chemistry should enrol in this course for each of the first two semesters of their candidature. They should enrol in the course SCI9003 Master of Science Disser tation Full Time (Science) in subsequent semesters (normally a further two). The subject of their Research Project will be decided in consul tation with their Project Supervisors and the Faculty of Sciences.

SCI9002 MASTER OF SCIENCE DISSERTATION FULL TIME (MATHEMATICS) (FOSCI - RSCH)

Units 4.0 (Mathematical Sciences not else) Band 6

Full-time candidates undertaking Master of Science research in Mathematics should enrol in this course for the third and subsequent semesters of their candidature. This will normally be for a total of two semesters. The subject of their Research Project will be decided in consultation with their Project Supervisors and the Faculty of Sci ences.

SCI9003 MASTER OF SCIENCE DISSERTATION FULL TIME (SCIENCE) (FOSCI - RSCH)

Units 4.0 (Natural and Physical Sciences) Band 6

Full-time candidates undertaking Master of Science research in Biol ogy, Physics, Climatology or Chemistry should enrol in this course for the third and subsequent semesters of their candidature. This will normally be for a total of two semesters. The subject of their Research Project will be decided in consultation with their Project Supervisors and the Faculty of Sciences.

SCI9011 MASTER OF SCIENCE RESEARCH PROJECT A (FOSCI - RSCH)

Units 1.0 (Natural and Physical Sciences) Band 6

Pre-requsite: Student must be enrolled in the following Program: MSCR

Full-time candidates undertaking Master of Science (Research) will enrol in this course in the first semester of their program. The subject of their Research Project will be decided in consultation with their Project Supervisors and the Faculty of Sciences.

SCI9012 MASTER OF SCIENCE RESEARCH PROJECT B (FOSCI - RSCH)

Units 2.0 (Natural and Physical Sciences) Band 6

Pre-requsite: Student must be enrolled in the following Program: MSCR

Full-time candidates undertaking Master of Science research should enrol in this course in the first semester of their program. The subject of their Research Project will be decided in consultation with their Project Supervisors and the Faculty of Sciences.

SCI9013 MASTER OF SCIENCE RESEARCH PROJECT C (FOSCI - RSCH)

Units 2.0 (Natural and Physical Sciences) Band 6

Pre-requsite: Student must be enrolled in the following Program: MSCR

Full-time candidates undertaking Master of Science research should enrol in this course in the second semester of their program. Students will undertake research and present a seminar on their research progress achieved. The subject of their Research Project will be de cided in consultation with their Project Supervisors and the Faculty of Sciences.

SCI9014 MASTER OF SCIENCE RESEARCH PROJECT D (FOSCI - RSCH)

Units 2.0 (Natural and Physical Sciences) Band 6

Pre-requsite: Student must be enrolled in the following Program: MSCR

Candidates undertaking Master of Science (Research) will undertake studies on their research project. Which has been decided in consul tation with their Project Supervisors and the Faculty of Sciences.

SCI9015 MASTER OF SCIENCE RESEARCH PROJECT E (FOSCI - RSCH)

Units 2.0 (Natural and Physical Sciences) Band 6

Pre-requsite: Student must be enrolled in the following Program: MSCR

Candidates undertaking Master of Science (Research) will undertake studies on their research project. Which has been decided in consul tation with their Project Supervisors and the Faculty of Sciences.

SCI9016 MASTER OF SCIENCE RESEARCH PROJECT F (FOSCI - RSCH)

Units 2.0 (Natural and Physical Sciences) Band 6

Pre-requsite: Student must be enrolled in the following Program: MSCR

Full-time candidates undertaking Master of Science (Research) should enrol in this course in the final semester of their candidature. Candi dates will undertake studies on their research project. Which has been decided in consultation with their Project Supervisors and the Faculty of Sciences.

SOC1000 APPROACHES TO THE SOCIAL SCIENCES (FOART - UGRD)

Units 1.0 (Sociology) Band 1

Students will be introduced to a range of social science theories and disciplines such as anthropology, sociology, psychology, law, envi ronmental studies and indigenous studies. These disciplines will also be used to define and provide solutions to a complex social problem, which will be introduced early in the course. The approaches will be theoretical rather than methodological, as the latter will be covered in other courses in the Social Science core. Students will apply these theoretical approaches each week to the selected social problem. The major assignment involves an evaluation of the various disci plinary approaches to the selected social problem.

SOC1001 CONFLICT AND PEACE (FOART - UGRD)

Units 1.0 (Studies in Human Society n.e.c) Band 1

This is the foundation course for the social justice major. It establishes the parameters of the field of Social Justice and begins by introducing students to the concepts of negative peace - the absence of war and civil strife - and positive peace which is founded upon a just society and global community. It will explore these concepts from the global to the personal and develop student skills in negotiation, non-violent resistance, empathy and conflict resolution. Social justice aims to introduce students to non-violent social structures and how they transform traditional hierarchical structures, and to the importance of human rights and eco-sustainability in building a peaceful society. This course will introduce students to key concepts in social justice from an international, national, local and personal perspective.

SOC3000 COLLABORATIVE COMMUNITY PROBLEM SOLVING (FOART - UGRD)

Units 1.0 (Human Welfare Studies and Serv) Band 1

Pre-requisite: 12 course units (though 16 course units is recommended)

Students will work within cross disciplinary project teams consisting of a mix of students, professionals and community members from outside the university. Each team will have a community issue as signed to it. Where possible, this issue will be from an identified community, either within the local area, or from overseas where an international student brings an issue forward. A staff member will fa cilitate each project team's activities. Students will engage in a series of workshops where they meet as a group and contribute knowledge and competencies from their own experiences and disciplines to critically analyse the components of the issue and define specific challenges, such that further research and consultation can result in a proposed framework for problem solving. Between workshops students will be responsible for researching the issue, consulting with community members personally or electronically, and preparing components of the project report for the team. The deliverable from the course is a report which describes the issue analysis, relevant research and community consultation, and a prospectus on possible management or resolution strategies.

SOC8000 IDENTITY, SELF AND SOCIETY (FOART - PGRD)

Units 1.0 (Sociology) Band 1

Pre-requisite: Students must be enrolled in the following Program: MSTA

This course introduces Honours students to a range of social-scien tific studies that offer understandings of selfhood, and the relationship between individuals, groups and social institutions. It consists of two halves: Part A - Social identities: issues and applications (e.g. national and ethnic identities, class consciousness, gendered identities, identity politics); Part B - Concepts of selfhood: major traditions (e.g. interaction and performance, discourse, reflexivity and the postmodern self).

SOC8001 ISLAM AND THE WEST (FOART - PGRD)

Units 1.0 (Sociology) Band 1

Pre-requisite: Students must be enrolled in the following Program: MSTA

Islam is one of the most newsworthy, yet systematically misunder stood, religions in the world. In this course, we examine some social-scientific works that are produced within the Muslim world in order better to understand the diversity of Islam and Islam's relationship with modernity, and get behind the clich s that are often generated in media and popular commentary on 'the Islamic threat'. This course is not intended to suggest that one religion or religious culture is better or worse than any other, or to evaluate the Islamic world against divine standards. It is intended to introduce a respectful and critical approach towards students' own and other belief systems, and to consider the importance, diversity, and recent transformations of Is lamic societies.

SPE3001 INTRODUCTION TO SPECIAL EDUCATION (FOEDU - UGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

Pre-requisite: EDC1400 or EDU1010

This course will introduce pre-service teachers to the field of special education. The approach taken in the course is based on effective teacher education where 'real world' experiences in special education settings are linked with a strong theoretical background. A brief his tory of special education will be presented and the evolution of inclu sive education described. An introduction to areas of disability and learning difficulty, such as autism, will preface later courses in special education. Assessment and monitoring of students with difficulties and disabilities will also be included. An important part of working in special education is collaborating and consulting with others therefore an introduction to interpersonal skills is included in this course. The reality of effectively addressing the learning and behaviour challenges of students with difficulties and disabilities through research based strategies is also a component of this course.

SPE3002 AUTISM SPECTRUM DISORDER (FOEDU - UGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

SPE3002 introduces the beginning teacher to the world of a child with Autism Spectrum Disorder. Students will interrogate the triad of difficulties experienced by children with ASD, in particular communi cation, socialization and behaviour difficulties. They will research aspects of ASD and Asperger syndrome to understand the complex nature of the disorders. Teaching and learning strategies to maximise learning outcomes for students with ASD will be integral to each part of the course. Understanding the component difficulties experienced by students with ASD will also inform the processes and skills required to manage behaviours in the classroom setting. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

SPE3003 TEACHING STUDENTS WITH HIGH SUPPORT NEEDS (FOEDU - UGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

This course introduces pre-service teachers to the individual educa tional needs of students with low incidence disabilities and the pro cesses of developing appropriate curriculum and pedagogy for them. It will also examine how transitions for these students are facilitated through careful planning, preparation and documentation of a system atic and coordinated process suited to the individual needs of families, schools and the range of professionals involved. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

SPE3004 SOCIAL AND EMOTIONAL WELLBEING AND LEARNING (FOEDU - UGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

This course is designed to assist pre-service educators develop an awareness of the nature of risk and protective factors that can have an impact on a young person's social-emotional wellbeing and mental health. Students will participate in a range of learning contexts to develop knowledge of the warning signs of possible mental health problems and/or illness, the curriculum and pedagogical innovations that promote wellbeing in their students and school communities, and respond to students in distress or showing signs of social-emo tional distress. A health promotion model will be introduced and stu dents will explore practical and innovative ways to promote health-enhancing cultures in their classrooms and school communities. The value of initiatives that enhance academic outcomes through social-emotional learning in the classroom will feature as a way to motivate schools to generate and implement policies dealing with social and emotional wellbeing. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number re quired for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

SPE3005 MANAGING CHALLENGING BEHAVIOURS (FOEDU - UGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

In this course pre-service educators are introduced to a set of ad vanced strategies and procedures for the management of student behaviour, with particular attention given to the management of stu dents with disabilities and other students in regular primary class rooms who exhibit significant behavioural, emotional and social ad justment problems. The course builds on knowledge and competen cies gained in EDC2100 Managing Supportive Learning Environ ments. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

SPE3006 LANGUAGE AND COMMUNICATION DISORDERS (FOEDU - UGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

This course examines theories of language development, research and measurement of speech, language and communication skills and how disorders in these areas impact on children's literacy and learning. It also teaches pre-service teachers how to assess children who are non-verbal for communication intent and then to design and implement an augmentative and/or alternative communication inter vention. Students will also examine existing programmes of augmen tative or alternative communication currently being used by students with communication difficulties.

SPE3007 DIFFERENTIATED CURRICULUM (FOEDU - UGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

SPE3007 will introduce the background development of and theory behind differentiation (conceptual framework). There will be a partic ular focus on the practical nature of employing the theory in the classroom. Through activities in class, students will have opportunities to practice applying the principles of differentiated curriculum. This will assist in the development of effective practical skills for classroom teachers and special education personnel. In this course students will be supported in their understanding of how to create curriculum and deliver instruction that is differentiated for students with a range of abilities. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

SPE3008 COMMUNICATION AND COLLABORATION (FOEDU - UGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

Students will analyse the nature of communication and learn the ele ments of effective interpersonal communication. A major focus will be on the role of verbal interaction in teaching. The importance of effective and active listening will be emphasised, together with the interaction between nonverbal and verbal communication. Students will also learn how to conduct group discussions, prepare and present reports on pupils to parents and fellow professionals, how to deal with anger and conflict, and some 'front-line' counselling skills. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, stu dents may be transferred to the WEB offering and advised of this change before semester commences.

SPE3009 LEARNING DIFFICULTIES - LITERACY AND NUMERACY (FOEDU - UGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

This course examines the area of learning disabilities and difficulties (literacy and numeracy). It provides a detailed examination of literacy and numeracy development emphasising where difficulties commonly occur. In addition, this course provides many research-based effective curriculum and instructional adaptations to ensure learning success for all students in the inclusive classroom. NOTE: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the WEB offering and advised of this change before semester commences.

STA2300 DATA ANALYSIS (FOSCI - UGRD)

Units 1.0 (Statistics) Band 6

This course provides an understanding of basic statistical concepts and gives practice at some of the methods and skills necessary for students in business, commerce, psychology and the physical sci ences to collect, appraise, present, analyse and interpret data. Stu dents are introduced to the basic concepts involved in descriptive and inferential statistics. Emphasis is placed on understanding the basic concepts and principles of dealing with data. Because these concepts and methods are interdisciplinary in nature, students will encounter problems from many sources including their own area of interest. The use of statistical software is a core component of the course. The mathematical underpinning of the methods used are not covered. Other statistics courses deal with this aspect.

STA2301 DISTRIBUTION THEORY (FOSCI - UGRD)

Units 1.0 (Statistics) Band 6

Pre-requisite: (STA2300 and MAT1102) or Students must be enrolled in one of the following Programs: MSBN or MSMS

This course introduces students to the elements of probability and distribution theory. The topics include probability, random variables and their distributions, expectation, moment generating functions, standard discrete and continuous distributions, bivariate distributions, transformation techniques and sampling distributions related to the normal distribution.

STA2302 STATISTICAL INFERENCE (FOSCI - UGRD)

Units 1.0 (Statistics) Band 6

Pre-requisite: STA2301 or Students must be enrolled in the following Program: MSBN

This course provides the students with a firm grounding in the theory and methods of statistical inference and builds on the material cov ered in STA2301 Distribution Theory. Parametric and non-parametric applications are covered.

STA3100 EVALUATING INFORMATION (FOSCI - UGRD)

Units 1.0 (Statistics) Band 6

Students are introduced to basic concepts and tools commonly in volved in collecting, managing, summarizing, analysing, interpreting, and presenting quantitative data. The course has been designed for students in the social sciences by its choice of topics, examples, and exercises. No prior statistical or mathematical knowledge is assumed. Methods of descriptive and inferential statistics are introduced. Issues related to causation and confounding; the nature of variability, the reliability of summary statistics, the limitations and assumptions un derpinning statistical techniques; the appropriate use of language in interpreting an analysis; and the use of computer output in under standing data summary and analysis are explored. The emphasis is on the concepts, interpretations, and applications of statistics as used in the analysis of social science data, rather than on mathematical or computational aspects. The use of case studies is emphasised and writing of reports facilitated.

STA3300 EXPERIMENTAL DESIGN (FOSCI - UGRD)

Units 1.0 (Statistics) Band 6

Pre-requisite: STA2300 or Students must be enrolled in one of the following Programs: MSBN or MSMS

This course covers principles of design such as randomisation, replication, factorial arrangement and blocking. Practical experience is gained in designing, carrying out, analysing and writing up the re sults of an experimental study. Methods of analysis are discussed and practiced, mainly on computer. The emphasis is on general principles of design and analysis rather than in describing the details of particular design layouts. Consideration is given to assumption checking, robustness, prior and posterior analysis, contrasts, con founding, covariates, error control and reduction, and interpretation of results.

STA3301 STATISTICAL MODELS (FOSCI - UGRD)

Units 1.0 (Statistics) Band 6

Pre-requisite: STA2302 or Students must be enrolled in one of the following Programs: MSBN or MSMS

This course introduces the student to linear models. Both the mathe matical development and practical applications of these models will be considered. Appropriate mathematical and statistical computer programs will be used. The topics include developing multiple regres sion models, testing hypotheses for these models, selecting the 'best' model, diagnosing problems in model fit, developing generalised linear models, and a range of applications of generalised linear models in cluding logistic, Poisson and log-linear models.

SVY1102 SURVEYING A (FOENS - UGRD)

Units 1.0 (Surveying) Band 2

Surveying is the science of measuring and mapping features on the Earth's surface. Mapping of features is an important step for the transformation of ideas into reality for projects requiring the develop ment of land and infrastructure. The services of the surveyor may be required at many stages for a construction project or the development of land. This course introduces the student to surveying equipment, services, theory, measurement techniques and survey calculation's at an introductory level.

SVY1104 SURVEY COMPUTATIONS A (FOENS - UGRD)

Units 1.0 (Surveying) Band 2

Pre-requisite: SVY1102 or SVY1500 or Students must be enrolled in one of the following Programs: GCST or GDST

Society has always needed to be able to measure and map the Earth's surface to plan for the future. Measurement of land and geo graphic features assists in utilising the Earth's resources for a sus tainable future. The role of the Spatial Scientist is fundamental in defining spatial location of the Earth's surface and features. This course expands upon previous surveying theory into increasingly sophisticated surveying technology and methodology. This will in clude: adjustment of surveying instruments; electronic distance measurement and calibration; specific surveying techniques for traversing, traverse calculations, area calculations, coordinate calcu lations, road geometry and circular curve calculations. The Spatial Scientist must be familiar with the functions available in a hand held programmable calculator, be able to program a calculator and utilise programming to obtain solutions.

SVY1110 INTRODUCTION TO GLOBAL POSITIONING SYSTEM (FOENS - UGRD)

Units 1.0 (Surveying) Band 2

The use of the Global Positioning System (GPS), for accurately de termining positions on earth, has grown exponentially since the late 1980s and early 1990s. Today GPS is firmly entrenched in the gen eral operations of professional surveying and GIS organisations. This course presents fundamental information on structure, characteristics and use of GPS and other Global Navigation Satellite Systems (GNSS). Background information is provided and the basic principles of using the GNSS systems are introduced. The course has a bias towards the code observable and the use of GPS for asset mapping, but several sections dealing with higher accuracy measurement techniques make this course relevant to a wide range of students. Consequently, the information will be relevant to those seeking fun damental knowledge in areas of general GPS surveying, agriculture, machine guidance, mapping and general data collection.

SVY1500 SPATIAL SCIENCE FOR ENGINEERS (FOENS - UGRD)

Units 1.0 (Surveying) Band 2

Many engineering projects are based on the location of an engineer designed structure (or structures) on a part of the Earth's surface. The construction of an engineered structure requires accurate sur veying and spatial science skills to guarantee the establishment, alignment and fitting of structural or land components, and to ensure that all structures are positioned as designed. Investigation and loca tion of engineering and development projects requires knowledge and input from spatial science professionals. Spatial science is an essential fundamental component in engineering planning, design, construction and monitoring processes. This course provides an un derstanding of the skills and role of spatial scientists, an introduction to surveying principles, fundamental elements of global positioning systems and the interpretation of spatial information.

SVY1901 SURVEYING AND SPATIAL SCIENCE PRACTICE 1 (FOENS - UGRD)

Units 0.0 (Surveying) Band 2

The practice course seeks to develop competency in the use of a variety of survey instruments, calculations and practices. This course provides a broad introduction to surveying methodology and practices. Students will have the opportunity to select and complete four work shops that best reflect their needs for practical instruction.

SVY2105 SURVEY COMPUTATIONS B (FOENS - UGRD)

Units 1.0 (Surveying) Band 2

Pre-requisite: SVY2106 or Students must be enrolled in one of the following Programs: GCNS or GCST or GDNS or GDST or MSST or MENS

An overview of statistical theory is followed by its application to the analysis and adjustment of survey observations using the Least Squares method. Both manual methods, using hand held pro grammable calculators, and computer software packages are used to process the data from a variety of practical problems. Students are taught to analyse and understand the results of adjustments. The course examines the adjustment of terrestrial and GPS observations and coordinate transformations.

SVY2106 GEODETIC SURVEYING A (FOENS - UGRD)

Units 1.0 (Surveying) Band 2

Pre-requisite: SVY1110 or Students must be enrolled in one of the following Programs: GCNS or GCST or GDNS or GDST or MSST or MENS

The purpose of this course is to provide the student with an under standing of the equipment and methods used to carry out precise surveys, including sources of error and the techniques used to min imise or eliminate them. In addition the students are expected to gain the necessary skills to complete these surveys at an appropriate standard.

SVY2301 AUTOMATED SURVEYING SYSTEMS (FOENS - UGRD)

Units 1.0 (Surveying) Band 2

Pre-requisite: SVY1104 or Students must be enrolled in one of the following Programs: GCST or GDST

Today's surveying graduates need to be conversant with the theory and application of electronic field equipment, in particular total sta tions, digital levels and hand held data recorders. They also need to be familiar with the computer software used to process this data for design and data presentation purposes. This course introduces the student to a variety of electronic total stations and data recorders and develops their skills in the use of this equipment in a practical manner. Issues related to automated surveying including field tech niques, legal requirements for testing and calibration, data transfer, liability for digital data, recent developments and quality assurance are examined.

SVY2302 MINE SURVEYING (FOENS - UGRD)

Units 1.0 (Surveying) Band 2

Pre-requisite: SVY1104 or Students must be enrolled in one of the following Programs: GCNS or GCST or GDNS or GDGS

The course covers the surveying requirements in the mining industry, both open cut and underground (coal and metalliferous), and consid ers the part a mine surveyor plays in the industry.

SVY2303 CONSTRUCTION SURVEYING (FOENS - UGRD)

Units 1.0 (Surveying) Band 2

Pre-requisite: SVY1104

Specific applications of the principles and techniques for construction surveying are applied to a range of engineering projects in this course. The main emphasis will be on the practical application of construction surveying techniques required for engineering and land development projects. Just as importantly, it is essential that surveyors understand the engineering principles and design of engineering works.

SVY2902 SURVEYING AND SPATIAL SCIENCE PRACTICE 2 (FOENS - UGRD)

Units 0.0 (Surveying) Band 2

Pre-requisite: SVY1901 and SVY1102 or Students must be enrolled in one of the following Programs: GCNS or GDNS or MENS

The collection and presentation of surveying and spatial information requires the understanding of a range of surveying instrumentation and software. Students will have the opportunity to select and com plete four workshops that best reflect their needs for practical instruc tion.

SVY2903 SURVEYING AND SPATIAL SCIENCE PRACTICE 3 (FOENS - UGRD)

Units 0.0 (Surveying) Band 2

Pre-requisite: SVY1901 and SVY1102 or Students must be enrolled in one of the following Programs: GCNS or GDNS or MENS

The course is intended to provide students with a core of basic indus trial skills required for the practical applications of Surveying and Spatial Science in the workplace. Students will have the opportunity to select and complete four workshops that best reflect their needs for practical instruction. Techniques required in cadastral surveying, urban planning, photogrammetry, remote sensing, laser scanning, real time kinematic GPS and GIS programming exercises can be undertaken by students as individual modules.

SVY3107 GEODETIC SURVEYING B (FOENS - UGRD)

Units 1.0 (Surveying) Band 2

Pre-requisite: SVY1110 or Students must be enrolled in one of the following Programs: GCNS or GCST or GDNS or GDST or MSST or MENS

The purpose of this course is to provide the student with an under standing of the principles involved in determining the size and shape of the earth, and from these data how geodetic position on the earth's surface can be obtained. It also looks at the part satellites play in position fixation and how to relate all geodetic measurements to the ground. Map projections are examined to demonstrate the presenta tion of geodetic data in a useable format. The course provides the student with the necessary knowledge and skills to plan and under take GPS surveys.

SVY3200 LAND ADMINISTRATION (FOENS - UGRD)

Units 1.0 (Surveying) Band 2

Land is fundamental to all societies. Additionally, the policies and systems which support the sustainable development of land are inte gral to both developed and developing economies. Security of land title and orderly processes for land transactions and management are crucial to the operation of an efficient and effective land market. This course will introduce land administration systems in the context of sustainable development. The course will also describe the basic principles of land valuation for land administration.

SVY3201 SUSTAINABLE URBAN DESIGN AND DEVELOPMENT (FOENS - UGRD)

Units 1.0 (Urban Design and Regional Plan) Band 2

Many professionals such as engineers, town planners and surveyors are engaged in the design and construction of residential develop ments. Therefore, they require a sound knowledge and understanding of the design principles and practices that are used to create sustain able residential areas, both large and small. This course gives stu dents the opportunity to acquire knowledge of the design principles currently used in Australia to develop sustainable residential neigh bourhoods. This includes allotment and dwelling design, the design of streets and paths, and the location and design of urban services, open spaces and community facilities. A Performance Based Ap proach is used. Students will also gain an insight into the land devel opment process. The three assessment items in this course enable students to develop, practice and demonstrate their knowledge of sustainable residential design principles, and their ability to apply those principles.

SVY3202 PHOTOGRAMMETRY AND REMOTE SENSING (FOENS - UGRD)

Units 1.0 (Geomatic Engineering not elsew) Band 2

This course will enable students to extract, interpret and evaluate data from aerial photographs, terrestrial photographs and laser scanned images. This data will be presented and related to the envi ronment or integrated with other data forms for direct application or information system storage. This course will also develop the student's understanding of the physical basis and properties of remotely sensed data. During the investigation of applications of this satellite sensed data, students will develop basic skills and knowledge in extracting, manipulating, interpreting, analysing and presenting this data.

SVY3304 CADASTRAL SURVEYING (FOENS - UGRD)

Units 1.0 (Surveying) Band 2

Pre-requisite: (SVY1102 and SVY1104) or Students must be enrolled in one of the following Programs: GCNS or GCST or GDNS or GDSTor MSST or MENS

Cadastral surveying refers to those surveys involving the description of land boundaries and requires a thorough knowledge of the current system for the registration of land. The majority of survey graduates will have some involvement with cadastral surveying during their ca reer, if not for the whole of their careers, and need to be introduced to the underlying principles as early as possible.

SVY3904 SURVEYING AND SPATIAL SCIENCE PRACTICE 4 (FOENS - UGRD)

Units 0.0 (Surveying) Band 2

Pre-requisite: SVY2903 or Students must be enrolled in one of the following Programs: GCNS or GDNS or MENS

The course is intended to provide students with a core of basic indus trial skills required for the practical applications of Surveying and Spatial Science in the workplace. Students will have the opportunity to select and complete four workshops that best reflect their needs for practical instruction. Techniques required in cadastral surveying, cadastral law and reinstatement, post-processed GPS and GPS network exercises can be undertaken by students as individual modules. Students can also undertake exercises in essential business skills including project management and writing a business plan.

SVY4203 URBAN AND REGIONAL PLANNING (FOENS - UGRD)

Units 1.0 (Urban Design and Regional Plan) Band 2

This course provides students with an introduction to urban and re gional planning as it is practiced in Australia today. It is aimed at providing those who will work in allied professions with knowledge of planning principles and practice, and the major planning issues confronting urban societies at the beginning of the 21st century. The course begins with a study of the evolution of urban and regional planning theory and practice, with an emphasis on urban design. This is followed by a review of current planning processes as they are applied at State, regional and local government levels in Australia. Considerable emphasis is placed on the legislative framework which is used by local government to prepare town planning schemes and to control land use and development. The Sustainable Planning Act 2009 is used as an example of progressive planning legislation. The course concludes with a discussion of the major urban planning and design issues that will need to be resolved in the coming years.

SVY4304 LAND AND CADASTRAL LAW (FOENS - UGRD)

Units 1.0 (Surveying) Band 2

This course provides a general introduction to government and public administration responsibilities for land administration in Australia. Students are introduced to the principles and practices of land and cadastral law to enable the surveyors to appreciate its relationship to land related activities and as the legal basis of the cadastre. The course extends the student's knowledge of the statute and common law that relates to land interests and cadastral boundaries.

SVY4309 PRACTICE MANAGEMENT FOR SPATIAL SCIENTISTS (FOENS - UGRD)

Units 1.0 (Surveying) Band 2

It is important for surveying and GIS graduates to realise that they are part of a profession that has responsibilities to their clients, the community, and their peers. This course is designed to provide the necessary fundamental knowledge for students to understand these professional responsibilities as a member of a multi-disciplinary team or as a sole consultant. These concepts include some knowledge of project coordination, project management, legal requirements, and the costs involved in carrying out projects. The Project Management section of this course draws together many areas of surveying and GIS in order to simulate the operations of large projects. A number of case studies are discussed in terms of both project planning and the technical operations of the projects. Practical advice is provided on the primary management functions of planning, leading, organising, and controlling operations on large projects. This course will also provide graduates with the knowledge necessary to recognise 'hidden' costs on projects, and to plan for a profitable and well-balanced business. It will also provide the ability to recognise possible difficulties that might arise, to analyse the relevant issues, and to take appropri ate action where necessary.

THE1000 INTRODUCTION TO CREATIVE PRACTICE (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

This course provides a theoretical introduction to the personnel, principles, and processes of creative practice. Students are then su pervised through a process of applying those principles in the practical work environment. Throughout, students are required to document a reflective analysis of their learning and progress through the practicums.

THE1001 INTRODUCTION TO HISTORY AND THEORY OF DRAMA 1 (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

This course is the first instalment of an historical and theoretical journey through theatrical and dramatic literature. Texts will be drawn from the Western theatrical performance tradition. The course will also provide students with some contemporary approaches to the study of performance, and will include a special study of the funda mental techniques of debate and scholarship in drama.

THE1002 INTRODUCTION TO HISTORY AND THEORY OF DRAMA 2 (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

The study of the performance event, and of dramatic texts and theatre theories, provides insights into human experience. This course pro vides students with an introductory overview of some of the major plays, theories and historical features of the 20th century. Texts will be drawn mostly from European performance traditions. Continuing on from Introduction to the History and Theory of Drama 1, this course will develop students' ability to formulate and present academic argu ments about drama.

THE1021 INTERPRETIVE ACTING (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

This course introduces students to the principles of the working actor's craft, based upon the Stanislavski system.

THE1022 ESSENTIAL STAGE MANAGEMENT (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

This course provides an introduction to the production areas of the atre. This course will introduce the artistry and professional practice involved in all technical theatre disciplines.

THE2002 COMMUNITY AND POLITICAL THEATRE (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

This course focuses on a range of historical and recently developed theories and methodologies with a community theatre and critical pedagogic relevance. Students will investigate the structures and working applications of a range of political and cultural activities from agitational propaganda, theatre of protest, and community- improvi sation-based theatre.

THE2003 CHILDREN'S AND YOUNG PEOPLE'S THEATRE (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

Explorations into drama and theatre practice in education will also cover drama pedagogy, drama as art, drama as research, drama across the curriculum, and interrogations of the fields of children's theatre and theatre-in-education.

THE2005 AUSTRALIAN DRAMA (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

The course commences with an historical overview of Australian theatre and concludes at the beginning of the 21st century with an exploration of contemporary theatre. Throughout the course, students will study some of the social, political, economic and artistic elements and key writers who have shaped Australian drama and its theatre. The course attempts to represent a diversity of "voices" in Australian drama, and will draw upon plays, articles and other secondary mate rials to explore various relevant socio-political and economic issues as they relate to identification. Within this exploration, the dramatic and thematic aspects of the plays will be emphasised.

THE2008 MODERN DRAMA (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

Prerequisite: THE1001 or THE1002

This course provides a study of a number of representative plays, both as texts to be read and, where possible, as performances. The plays are considered in terms of the dramatic movements they exem plify. Areas of study include: the Restoration, French Neoclassicism, popular theatre and melodrama, rise of realism/naturalism, and late 20th century theatrical experimentation.

THE2011 ACTING OPTION 1 (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

Pre-requisite: THE1001 and THE1022 and THE1000 and THE1002 Students must be enrolled in the BCRA

The various performance skills demanded of the actor are addressed in this course. Vocal and physical competencies and improvisation skills are developed. The Stanislavski method of acting is examined in workshop and performance projects.

THE2012 STAGE MANAGEMENT OPTION 1 (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

Pre-requisite: THE1022

By following a mock production process, students are expected to gain a deeper understanding of administrative and scenographic demands of professional theatre practice.

THE2021 INTRODUCTION TO MUSIC THEATRE PRODUCTION (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

Pre-requisite: (THE1000 and THE1021) or (MUI1001 and MUI1002) or (MEA1000 and MEA1001 and MEA1002) or (VSA1002 and VSA1021)

This course provides a theoretical introduction to Music theatre forms. Students are introduced to the personnel, principles and processes employed within this collaborative creative practice. Students are then supervised through a process of applying these specific princi ples in the practical Music Theatre work environment. Students are also required to document a reflective analysis of their learning and development through the collaborative practicum.

THE2022 CREATIVE DEVELOPMENT (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

This course introduces the theoretical and practical procedures em ployed by creative artists when developing a new theatrical work. Students are introduced to the Creative Development model. Students are then mentored through a creative development process, gener ating theatrical material that may include scenes, skits, lyrics, music, digital images, and spatial constructions. Students are also required to document a reflective analysis of their learning and development throughout the course.

THE2031 ACTING OPTION 2 (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

Pre-requisite: THE1021 and THE1022 and THE1001 and THE2011 and Students must be enrolled in the following Program: BCRA

Shakespearean verse speaking and acting for camera are introduced in this course. The development of vocal, physical, and acting skills continues. This course applies these skills in a series of supervised and unsupervised workshop projects.

THE2032 STAGE MANAGEMENT OPTION 2 (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

This course investigates the role sound and lighting design plays in contemporary theatre practice. Students will learn advanced topics in the artistry of lighting and sound and become proficient with industry standard equipment and processes.

THE3021 ACTING OPTION 3 (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

Pre-requisite: THE1021 and THE1022 and THE1001 and THE2011 and THE2022 and THE2031 and Students must be enrolled in the following Program: BCRA

This course engages students in a major public performance and a body of video-work. Students may be required to work in a range of environments, from outdoor stages, to location and TV studio work.

THE3022 STAGE MANAGEMENT OPTION 3 (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

Pre-requisite: THE1022

This course includes the theoretical and practical mounting of a pro duction from a production management or senior technical or admin istrative position. Also, a secondment period with a professional performing arts company may be undertaken.

THE3023 ACTING OPTION 4 (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

Pre-requisite: THE1021 and THE1022 and THE1001 and THE2011 and THE2002 and THE2031 and THE3021 and Students must be enrolled in the following Program: BCRA

This course is concerned with the preparation and presentation of stage and screen audition pieces through public performance and film exercises.

THE3024 STAGE MANAGEMENT OPTION 4 (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

Pre-requisite: THE1022

This course examines key industrial issues, provides students with direct experience of leadership roles within a production, and allows them to explore their specific area of interest within the industry by, for example, undertaking a secondment.

THE4001 SHAKESPEAREAN NEGOTIATIONS (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BCAH or MSTA or BVAH

For the past thirty years, the study of Shakespearean drama and performance has been a prime location for a range of critical and theoretical debates. The aim of this course is to explore the plays of Shakespeare and other dramatists of the early modern period in re lation to recent and current scholarly concerns. Topics and theoretical perspectives may include (but are not limited to) the following: New Historicism and Cultural Materialism; performance theory and theatri cality; gender studies and queer theory; the' new' phenomenology and the early modern body-mind; medicine and disease; authorship, textuality and early modern print culture.

THE4002 THE BODY: REPRESENTATION AND IMPOSITION (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BCAH or MSTA or BVAH

The body is very often the locus of meaning for performative texts. The social, cultural and political framing of the how the body might be read, embodied, queered, transformed, and imposed upon will be explored in this course in order to engage students with their own creative performance practice. An awareness of the body as a key indicator of performance (and performance as indicator of the body rendered visible) is central to all discussions in this course.

THS2006 PRE-RENAISSANCE DRAMA (FOART - UGRD)

Units 1.0 (Dance and Theatre Studies) Band 1

Pre-requisite: THS1000 or THE1001

This course provides students with the opportunity to study the texts and theatrical conventions of the classic theatre of ancient Greece and Rome.

TOU1003 TOURISM MANAGEMENT (FOBUS - UGRD)

Units 1.0 (Tourism) Band 3A

This course covers topics which include defining what tourism is and the tourism system. It then reviews the development of tourism and tourist destinations before embarking on examining the tourist product and tourist industry. Where would tourism be without marketing? The course then explores market segmentation and then discusses the economic, socio-cultural and environmental impacts which must be considered when planning for tourism and the sustainability of tourism.

TOU2008 ECOTOURISM (FOBUS - UGRD)

Units 1.0 (Tourism Management) Band 3A

This course addresses the nature and growth of ecotourism as a specialist segment of the tourism industry. The focus throughout the course is on sustainability, which is one of three core criteria that identify ecotourism, and policies and practices to ensure sustainabil ity. It also examines the other core criteria - the range of natural en vironments in which ecotourism operates, and interpretation (or envi ronmental education) and its role in ecotourism and visitor manage ment. The course covers other key issues such as market segments, positive and negative impacts, quality control processes, ethics, and other stakeholders that influence or are involved with ecotourism in cluding indigenous communities. An overview of global ecotourism is included, and case studies of specific places are used to illustrate the main points throughout the course. Students will analyse a real life ecotourism venture as part of their assessment.

TOU2009 CULTURAL TOURISM (FOBUS - UGRD)

Units 1.0 (Tourism) Band 3A

This course addresses the concepts relating to cultural assets and their use as cultural tourism products. The course focuses on mech anisms through which the tourism industry can use cultural assets in ways that are sustainable and take into consideration the preser vation and integrity of the asset, the needs and concerns of the local community, and the viability of the tourism product. Key issues that are covered include the different types and characteristics of cultural assets, the major stakeholders and their values and interests, the relationship between cultural heritage management and tourism, authenticity, commodification, market segments, and sustainable management practices. Wider issues relating to cultural tourism such as globalisation, branding, impacts, ethics, and indigenous involve ment are also covered. The course takes a global perspective and considers the use of cultural assets in the context of different cultures and worldviews. Examples and case studies are provided from a number of countries and include assets from the World Heritage list. Students are provided with a framework for assessing and evaluating the use of cultural assets as cultural tourism products, and use this model to evaluate an existing cultural tourism product as part of their assessment.

TOU3010 EVENT MANAGEMENT (FOBUS - UGRD)

Units 1.0 (Tourism) Band 3A

The course looks at the history of events and how it all started. The importance of conceptualizing, planning and staging the event are examined together with the operations and logistics required for it to be a financial and community success. Other topics studied are sponsorship and fundraising, ethics and protocol, risk management, legal issues and finally the staging of the event. This gives you the highlights of what will be covered in this very interesting course which will enable you to meet the practical challenges of this exciting indus try. (Formerly TOU2010).

TPP7110 ORIENTATION TO TERTIARY STUDY (OAC - NONA)

Units 2.0 (Written Communication) Band 1

Students are provided with learning experiences that are designed to facilitate their concomitant and integrated development of study-management skills and formal English-language communication skills to a level of proficiency that will then enable them to successfully undertake the study of course TPP7120. The study-management component of the course focuses on developing students' understand ing of the motivation that underlies making a realistic commitment to undertake a program of formal studies over several years, and on developing their understanding and skills of action-planning, scheduling and controlling of all of the study activities in which they are required to engage during the semester. The communication skills component focuses on developing students' understanding of what communication in a university context entails, and on developing a range of associated skills such as academic writing and reading, question analysis and oral presentation skills.

TPP7120 STUDYING TO SUCCEED (OAC - NONA)

Units 2.0 (Written Communication) Band 1

Students progress through a program which requires them to manage their own learning and establish their own future goals through a process of self development. Career planning is a key component of the program. Effective study skills and attitudes will be developed and applied to areas of communication studies to prepare the student for entry into a tertiary undergraduate course. The language content is provided in a broad context to best enable students to continue in the career of their choice.

TPP7155 GENERAL SCIENCE (OAC - NONA)

Units 1.0 (Natural and Physical Sciences) Band 6

The course focuses on the underlying concepts of science. Content coverage includes the scientific method, measurement in science, the human body, the nature of matter, humans and technology, and safety in science. The content will be presented in themes which in turn will draw upon students' understanding of themselves and their everyday experiences. The self-paced structure of the course will allow students to work through the material at a pace suitable to their individual needs. The course is designed to incorporate theoretical and practical components of science, including simple experiments that can be carried out at home and the use of multimedia materials to enhance presentation of the course. The course is designed to increase student problem solving skills in the subject area.

TPP7160 PREPARATORY PHYSICS (OAC - NONA)

Units 1.0 (Physics) Band 6

The course focuses on the underlying concepts of physics covering such areas as measurement, motion, matter, electricity and mag netism. The self-paced structure of the course allows students to work through the material at a pace suitable to their needs. The course is designed to incorporate theoretical and experimental com ponents of physics with simple experiments at home and multimedia materials enhancing the course. The course attempts to increase student problem solving in the subject area.

TPP7170 HUMAN DEVELOPMENT: CHILDHOOD TO ADOLESCENCE (OAC - NONA)

Units 1.0 (Psychology) Band 1

The three goals of developmental psychology are to describe, explain, and optimise human development. This course provides students with the knowledge necessary to achieve these goals. The course takes a life-span approach, but concentrates on the earliest phases, from conception through adolescence, introducing students to the challenges, achievements, and difficulties encountered at each phase.

TPP7180 PREPARATORY MATHEMATICS (OAC - NONA)

Units 1.0 (Mathematics) Band 6

Using concepts of self-paced instruction and adult learning the course guides students through a carefully sequenced series of topics which will provide the foundation for mathematics that will be encountered in tertiary studies and further pre-tertiary studies in mathematics. The self-paced structure allows students to work at their own pace within a specified framework developing confidence with mathematics, mathematical communication and general problem solving.

TPP7181 MATHEMATICS TERTIARY PREPARATION PROGRAM LEVEL A (OAC - NONA)

Units 1.0 (Mathematical Sciences not else) Band 6

Using concepts of self-paced instruction the course guides students through a carefully sequenced series of topics which will provide the foundation for mathematics that will be encountered in tertiary studies detailed above. The self-paced structure allows students to work at their own pace developing confidence with mathematics and general problem solving.

TPP7182 MATHEMATICS TERTIARY PREPARATION PROGRAM LEVEL B (OAC - NONA)

Units 1.0 (Mathematical Sciences not else) Band 6

Pre-requisite: TPP7181

Using concepts of self-paced instruction the course guides students through a carefully sequenced series of topics which will provide the foundation for mathematics that will be encountered in tertiary studies detailed above. The self-paced structure allows students to work at their own pace developing confidence with mathematics and general problem solving appropriate to this level of mathematics.

TPP7183 MATHEMATICS TERTIARY PREPARATION PROGRAM LEVEL C (OAC - NONA)

Units 1.0 (Mathematical Sciences not else) Band 6

Pre-requisite: TPP7182

Using the concepts of self-paced instruction and mastery learning, the course guides students through a carefully sequenced series of topics which will provide the foundation for understanding the math ematics that will be encountered in their tertiary study. The self-paced structure of the course allows students to work through the material at a pace suitable to their needs, permitting them to work quickly through familiar material, as well as allowing the opportunity to seek additional assistance in areas of uncertainty. The mastery approach will ensure that they successfully achieve the objectives of each topic before progressing to the next topic, which will build further on the earlier material.

VIS4000 STUDIO PRACTICE AND PROJECT DEVELOPMENT (FOART - UGRD)

Units 1.0 (Visual Arts and Crafts) Band 1

Pre-requisite: Students must be enrolled in BCAH or BVAH or MSTA

Students undertaking the Honours program in Visual Arts will normally explore studio-based practice. Studio selection will be based on proven expertise in one or more of the areas offering specialization: ceramics, painting, , printmaking, spatial construction, providing suitable supervision and studio space is available. Studio practice should indicate a clear emergence of an individual visual language as well as a high level of technical and artistic competence. Students will submit a comprehensive project proposal outlining both the con cept and practice of their particular visual field. The context of their research is a significant factor. This should take into account personal and studio positions in relation to Australian and international con cerns. Appropriate historical underpinnings should be linked to con cepts of contemporary theoretical thinking. The Project Development proposal should also include a selection of comprehensive supportive drawings, photographs, maquettes, folios, and experimental artwork etc of the work in progress as well as an indication of the final exhibi tion format.

VIS4002 VISUAL AESTHETICS (FOART - UGRD)

Units 1.0 (Visual Arts and Crafts) Band 1

Pre-requisite: Students must be enrolled in BCAH or BVAH or MSTA

Debates related to questions of meaning, theory, history, and contem porary aesthetic studies and its context within the visual arts. This course introduces students to a consideration of these questions through a selection of essays drawn from particular areas such as psychoanalysis, phenomenology, critical theory, structuralism, post-structuralism, modernism, postmodernism, aesthetic analysis, German idealism and current contemporary debates. . Students who undertake the On-campus mode of study will be undertaking research where they will be developing studio work. The studio research will be un derpinned by historical and theoretical debates. For students under taking online study the course will consist of a series of on-line lec tures supported by readings that informhistorical, modern and con temporary theoretical debates.

VSA1000 INTRODUCTION TO ART THEORY (FOART - UGRD)

Units 1.0 (Fine Arts) Band 1

This course will offer an historical perspective of the visual arts and establish the basic philosophical concepts from which to develop an aesthetic awareness and appreciation of the art object within a socio-political context.

VSA1001 CONTEMPORARY ART PRACTICE 1 (FOART - UGRD)

Units 1.0 (Fine Arts) Band 1

Pre-requisite: Students must be enrolled in BCRA or BEDU

This course is concerned with building a range of visual arts skills and concepts within one of the two areas, either Studio Practice OR Arts Management. By investigating a variety of methods, materials and concepts students will be encouraged to further develop their technical, conceptual, observational and management skills. Studio Practice consists of a combination of workshops in Linear Construc tion, Painting, Printmaking, Ceramics, and Spatial Construction. Arts Management will further develop theoretical and curatorial skills which meet gallery and museum industry standards. Studio Practice and Arts Management will be reinforced by discussion on contemporary arts/crafts practice and theory. NOTE: Arts Management is the only area available to External students.

VSA1002 INTRODUCTION TO CONTEMPORARY ART PRACTICE (FOART - UGRD)

Units 1.0 (Fine Arts) Band 1

Pre-requisite: Students must be enrolled in BCRA or BEDU

This course is concerned with building a practical foundation in all five visual arts studio areas. By exploring a variety of methods and materials students will be encouraged to develop their technical, conceptual and observational skills. Studio practice will be supple mented with project work which will be undertaken in the two-dimen sional disciplines of Painting and Printmaking and in the three-dimen sional disciplines of Ceramics, and Spatial Construction. Studio practice will be reinforced by lectures and discussion on contemporary arts/crafts practice, analysing the work of established professionals in order to increase student insight into concepts expressed visually in all aspects of studio practice. This will be underpinned by history and theory lectures in associated visual arts courses. NOTE: Arts Management is the only area available to External students.

VSA1003 SOFT ARCHITECTURE (FOART - UGRD)

Units 1.0 (Fine Arts) Band 1

Soft Architecture is the art of spatial investigations, interventions and the way in which artists construct space through colour, site, language and context. As a result this course discusses how interiority is a physical, virtual, perceptual, experimental space, negotiating between the natural and the artificial. Students in this class will be researching experimental ideas that are both historical and contemporary in context. The overall aim of this course is for students to experiment with ideas and to develop an understanding of a variety of contempo rary art methodologies which allows them to construct their own indi vidual responses to the art theory being discussed.

VSA1021 ART AND DESIGN (FOART - UGRD)

Units 1.0 (Fine Arts) Band 1

The conceptual frameworks developed by this course will develop students' concepts about practical work and design. Throughout the course, students will learn and develop critical tools which will enable them to reflect upon and theorise their practice within design, visual art and culture and will enable each student to critically analyse the work that they have done.

VSA2000 PERSPECTIVES IN CONTEMPORARY ART (FOART - UGRD)

Units 1.0 (Fine Arts) Band 1

The course explores the role of philosophical thought and the signif icance of its influence on the visual arts. The theories of art and aesthetics from a variety of periods and social and cultural movements will be discussed through the use of imagery from early 20th Century art (as a starting foundation) expanding into related fields within contemporary conceptual and visual concerns within the 21st Century. This course will further explore the role of 20th and 21st thought and the significance of its influence on the visual arts. The course offers active integration of philosophy with contemporary practice and how artists produce hybrid methodologies within various fields of activity such as art, architecture and design within current national and inter national environments.

VSA2001 ARTISTS,WORKS AND PROCESSES (FOART - UGRD)

Units 1.0 (Fine Arts) Band 1

This course is concerned with building students knowledge of both historical and current debates within 20th and 21st century theory. Within this students will develop an ability to critically look at and develop understanding of key Modernist, Post-Modernist and contem porary artists who work within traditional modes of practice but also individuals who have developed a multidisciplinary practice. Each week students will be presented with a new topic which will be dis cussed and developed within the lecture and tutorial.

VSA2002 CONTEMPORARY ART PRACTICE 2 (FOART - UGRD)

Units 1.0 (Fine Arts) Band 1

Pre-requisite: Students must be enrolled in BCRA or BEDU

This course is concerned with building a range of visual arts skills and concepts within one of the two areas, either Studio Practice OR Arts Management. By investigating a variety of methods, materials and concepts students will be encouraged to further develop their technical, conceptual, observational and management skills. Studio practice consists of a combination of workshops in Painting, Printmak ing, Ceramics, and Spatial Construction. Arts Management will further develop theoretical and curatorial skills which meet gallery and mu seum industry standards. Studio Practice and Arts Management will be reinforced by discussion on contemporary arts/crafts practice and theory. NOTE: Arts Management is the only area available to External students.

VSA2003 CONTEMPORARY ART PRACTICE 3 (FOART - UGRD)

Units 1.0 (Fine Arts) Band 1

Pre-requisite: Students must be enrolled in BCRA or BEDU

This course is concerned with building a range of visual arts skills and concepts within one of the two areas, either Studio Practice OR Arts Management. By investigating a variety of methods, materials and concepts students will be encouraged to further develop their technical, conceptual, observational and management skills. Studio Practice consists of a combination of workshops in Painting, Print making, Ceramics and Spatial Construction. Arts Management will further develop theoretical and curatorial skills which meet gallery and museum industry standards. Studio Practice and Arts Manage ment will be reinforced by discussion on contemporary arts/crafts practice and theory. NOTE: Arts Management is the only area avail able to External students.

VSA3004 CONTEMPORARY ART PRACTICE 4 (FOART - UGRD)

Units 1.0 (Fine Arts) Band 1

Pre-requisite: Students must be enrolled in BCRA or BEDU

This course is concerned with building a range of visual arts skills and concepts within one of the two areas, either Studio Practice OR Arts Management. By investigating a variety of methods, materials and concepts students will be encouraged to further develop their technical, conceptual, observational and management skills. Studio Practice consists of a combination of workshops in Painting, Print making, Ceramics, and Spatial Construction. Arts Management will further develop theoretical and curatorial skills which meet gallery and museum industry standards. Studio Practice and Arts Manage ment will be reinforced by discussion on contemporary arts/crafts practice and theory. NOTE: Arts Management is the only area avail able to External students.

VSA3005 CONTEMPORARY ART PRACTICE 5 (FOART - UGRD)

Units 1.0 (Fine Arts) Band 1

Pre-requisite: Students must be enrolled in BCRA or BEDU

This course is concerned with building a range of skills and concepts within a chosen area of study. By using skills gained from two or more units of Studio Practice, or Arts Management students will be able to produce original work of a high level, comparable to profes sional industry standards. Students can choose to base their project within either the 2D Studio (Painting and Printmaking) or the 3D Studio (Ceramics and Spatial Construction) or they can choose to develop a hybrid practice which incorporates both 2D and 3D studios or the Arts Management stream. Each area will be reinforced by discussion on contemporary arts/crafts practice and theory. NOTE: Arts Management is the only area available to External students. On campus students can only choose Studio Practice.

VSA3021 CONTEMPORARY ART THEORY 1 (FOART - UGRD)

Units 1.0 (Fine Arts) Band 1

The conceptual frameworks introduced by this course might lean on students thinking about practical work. Throughout the course stu dents will learn and develop critical tools which will enable them to reflect upon and theorise research.

VSA3022 CONTEMPORARY ART THEORY 2 (FOART - UGRD)

Units 1.0 (Fine Arts) Band 1

The theoretical context for undertstanding contemporary art developed in VSA3021, is extended and further developed in this course with the aim to broaden the students' grasp of the contested field of con temporary art theory and assist the student in identifying the points of contact between their individual art practice and the broader art institutional context.

WBL8000 WORKPLACE-BASED PORTFOLIO (FOART - PGRD)

Units 1.0 (Education not elsewhere classi) Band 5

The course will focus on the development of a learning portfolio that will demonstrate the summation of the student's individual learning experiences to date, whether acquired through formal or informal means. Structured reflection will help students to identify and contex tualize the skills, attributes, capabilities, and expertise gained through various work, life and study experiences. The student will, wherever possible, seek verification of claims, through certification, demonstra tion or other supporting evidence. Normally, there will be considerable negotiation between the student and the USQ Adviser in revising drafts to ensure that the final version of the portfolio will be of a high professional standard. If the course is completed successfully, the completed portfolio may be submitted as evidence for recognition of prior learning (RPL). This will incur the cost of a full unit, but any re sultant block exemption credits granted will not incur further cost.

WBL8001 WORKPLACE-BASED LEARNING PLAN (FOART - PGRD)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL8000

This course will enable the student to identify their program objectives and will focus on the development of a Learning Plan, based on their Learning Portfolio, which will outline the complementary studies and workplace-based project(s) to be taken in order to fulfil these objec tives. Discussion within the workplace will help to ascertain the time available to undertake the workplace-based project(s) within normal working time. The workplace-based project(s) will be outlined, an appropriate unit size for each project will be determined and methods of demonstrating contextualized learning experiences and augmented expertise will be identified. Students will also show how the project(s) may benefit the workplace. They will also show how they will explore and communicate the relevance of literature related to specific fields of interest. It is expected that there will be considerable negotiation between the student and the USQ Adviser to ensure that the Learning Plan will clearly outline a cohesive, relevant learning pathway.

WBL8002 WORKPLACE-BASED COMPLEMENTARY (FOART - PGRD)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL8000

Typically, the course will consist of knowledge and skills that the student requires to assist their workplace-based project(s). This could include project planning and management relevant to their project(s), directed readings or other activities that will assist the student in their project work. It could also include the study of a USQ course or courses that would support the student's project work.

WBL8010 WORKPLACE-BASED PROJECT (1 UNIT) (FOART - PGRD)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL8001

The student will work and study at the same time, by looking at some agreed feature of the student's usual work. With the help and support of an adviser, the student will look at appropriate literature, and may additionally study other courses, to gain a higher level of understand ing, while investigating processes or procedures in the workplace, with the aim of looking at possible improvements that could be of benefit to the work-place. The insights that the student will have as a result of experience and expertise will provide a much sharper, and more realistic focus than would otherwise be possible. The student may, where necessary, develop appropriate research instruments / methodology to collect appropriate data which will subsequently be analysed. Alternatively, the student may develop something that is completely new, perhaps as a product or process. It is the student learning that has taken place that will be evaluated when the student writes a report on the project, which may also summarise new, high-level knowledge relating to professional practice. The course will be a pass/fail course. It is expected that the student's work will be of the highest professional standard.

WBL8020 WORKPLACE-BASED PROJECT (2 UNITS) (FOART - PGRD)

Units 2.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL8001

The student will work and study at the same time, by looking at some agreed feature of the student's usual work. With the help and support of an adviser, the student will look at appropriate literature, and may additionally study other courses, to gain a higher level of understand ing, while investigating processes or procedures in the workplace, with the aim of looking at possible improvements that could be of benefit to the work-place. The insights that the student will have as a result of experience and expertise will provide a much sharper, and more realistic focus than would otherwise be possible. The student may, where necessary, develop appropriate research instruments / methodology to collect appropriate data which will subsequently be analysed. Alternatively, the student may develop something that is completely new, perhaps as a product or process. It is the student learning that has taken place that will be evaluated when the student writes a report on the project, which may also summarise new, high-level knowledge relating to professional practice. The course will be a pass/fail course. It is expected that the student's work will be of the highest professional standard.

WBL8030 WORKPLACE-BASED PROJECT (3 UNITS) (FOART - PGRD)

Units 3.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL8001

The student will work and study at the same time, by looking at some agreed feature of the student's usual work. With the help and support of an adviser, the student will look at appropriate literature, and may additionally study other courses, to gain a higher level of understand ing, while investigating processes or procedures in the workplace, with the aim of looking at possible improvements that could be of benefit to the work-place. The insights that the student will have as a result of experience and expertise will provide a much sharper, and more realistic focus than would otherwise be possible. The student may, where necessary, develop appropriate research instruments / methodology to collect appropriate data which will subsequently be analysed. Alternatively, the student may develop something that is completely new, perhaps as a product or process. It is the student learning that has taken place that will be evaluated when the student writes a report on the project, which may also summarise new, high-level knowledge relating to professional practice. The course will be a pass/fail course. It is expected that the student's work will be of the highest professional standard.

WBL9001 WORKPLACE-BASED LEARNING PLAN (1 UNIT) (FOART - RSCH)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL8000

This course will enable the student to identify their program objectives and will focus on the development of a Learning Plan, generally based on their Learning Portfolio, which will outline the complementary studies and workplace-based project(s) to be taken in order to fulfil these objectives. Discussion within the workplace will help to ascertain the time available to undertake the workplace-based project(s) within normal working time. The workplace-based project(s) will be outlined, an appropriate unit size for each project will be determined and methods of demonstrating contextualized learning experiences and augmented expertise will be identified. Students will also show how the project(s) may benefit the workplace. They will also show how they will explore and communicate the relevance of literature related to specific fields of interest. The Learning Plan is based upon the following elements: the personal and professional reasons and ratio nale for the doctorate (including the place of Workplace- based units within it); the ways is which the student will explore learning opportu nities and the development of Workplace-based learning projects with relevant stakeholders; and the actual Workplace-based projects including - the scope and levels of the projects; the resources needed for the projects incorporating any required complementary studies; project plans and timetables; the evidence that is proposed to support the claim that higher-level learning is an outcome (reports, artefacts, presentations, evaluations). It is expected that there will be consider able negotiation between the student and the USQ Adviser to ensure that the Learning Plan will clearly outline a cohesive, relevant learning pathway.

WBL9002 WORKPLACE-BASED PROJECT 2 (1 UNIT) (FOART - RSCH)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL9001

The student will combine work and study, by investigating, analyzing, assessing and developing possible improvements or innovations to some agreed aspect(s) (process(es), procedure(s) or product(s)) at the student's workplace. With the help and support of an advisor, it is expected that the student will study appropriate literature and other resources, research methodology and undertake other activities, as in the student's approved Learning Plan, to produce a high standard report that demonstrates that the student has gained a very high level of understanding of the agreed aspect(s) and the methods of investigating and reporting on those aspect(s) of their workplace and how those aspects may be improved. The student must demonstrate a capability of successfully undertaking self-managed and/or collab orative research and project development.

WBL9003 WORKPLACE-BASED PROJECT 3 (1 UNIT) (FOART - RSCH)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL9001

The student will combine work and study, by investigating, analysing, assessing and developing possible improvements or innovations to some agreed aspect(s) (processes), procedure(s) or product(s)) at the student's workplace. With the help and support of an advisor, it is expected that the student will study appropriate literature and other resources, research methodology and undertake other activities, as in the student's approved Learning Plan, to produce a high standard report that demonstrates that the student has gained a very high level of understanding of the agreed aspect(s) and the methods of investigating and reporting on those aspect(s) of their workplace and how those aspects may be improved. The student must demonstrate a capability of successfully undertaking self-managed and/or collab orative research and project development.

WBL9004 WORKPLACE-BASED PROJECT 4 (1UNIT) (FOART - RSCH)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL9001

The student will combine work and study, by investigating, analysing, assessing and developing possible improvements or innovations to some agreed aspect(s) (processes), procedure(s) or product(s)) at the student's workplace. With the help and support of an advisor, it is expected that the student will study appropriate literature and other resources, research methodology and undertake other activities, as in the student's approved Learning Plan, to produce a high standard report that demonstrates that the student has gained a very high level of understanding of the agreed aspect(s) and the methods of investigating and reporting on those aspect(s) of their workplace and how those aspects may be improved. The student must demonstrate a capability of successfully undertaking self-managed and/or collab orative research and project development.

WBL9005 WORKPLACE-BASED PROJECT 5 (1UNIT) (FOART - RSCH)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL9001

The student will combine work and study, by investigating, analyzing, assessing and developing possible improvements or innovations to some agreed aspect(s) (process(es), procedure(s) or product(s)) at the student's workplace. With the help and support of an advisor, it is expected that the student will study appropriate literature and other resources, research methodology and undertake other activities, as in the student's approved Learning Plan, to produce a high standard report that demonstrates that the student has gained a very high level of understanding of the agreed aspect(s) and the methods of investigating and reporting on those aspect(s) of their workplace and how those aspects may be improved. The student must demonstrate a capability of successfully undertaking self-managed and/or collab orative research and project development.

WBL9006 WORKPLACE-BASED PROJECT 6 (1UNIT) (FOART - RSCH)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL9001

The student will combine work and study, by investigating, analysing, assessing and developing possible improvements or innovations to some agreed aspect(s) (processes), procedure(s) or product(s)) at the student's workplace. With the help and support of an advisor, it is expected that the student will study appropriate literature and other resources, research methodology and undertake other activities, as in the student's approved Learning Plan, to produce a high standard report that demonstrates that the student has gained a very high level of understanding of the agreed aspect(s) and the methods of investigating and reporting on those aspect(s) of their workplace and how those aspects may be improved. The student must demonstrate a capability of successfully undertaking self-managed and/or collab orative research and project development.

WBL9007 WORKPLACE-BASED PROJECT 7 (1UNIT) (FOART - RSCH)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL9001

The student will combine work and study, by investigating, analysing, assessing and developing possible improvements or innovations to some agreed aspect(s) (processes), procedure(s) or product(s)) at the student's workplace. With the help and support of an advisor, it is expected that the student will study appropriate literature and other resources, research methodology and undertake other activities, as in the student's approved Learning Plan, to produce a high standard report that demonstrates that the student has gained a very high level of understanding of the agreed aspect(s) and the methods of investigating and reporting on those aspect(s) of their workplace and how those aspects may be improved. The student must demonstrate a capability of successfully undertaking self-managed and/or collab orative research and project development.

WBL9008 WORKPLACE-BASED PROJECT 8 (1UNIT) (FOART - RSCH)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL9001

The student will combine work and study, by investigating, analysing, assessing and developing possible improvements or innovations to some agreed aspect(s) (processes), procedure(s) or product(s)) at the student's workplace. With the help and support of an advisor, it is expected that the student will study appropriate literature and other resources, research methodology and undertake other activities, as in the student's approved Learning Plan, to produce a high standard report that demonstrates that the student has gained a very high level of understanding of the agreed aspect(s) and the methods of investigating and reporting on those aspect(s) of their workplace and how those aspects may be improved. The student must demonstrate a capability of successfully undertaking self-managed and/or collab orative research and project development.

WBL9009 WORKPLACE-BASED PROJECT 9 (1UNIT) (FOART - RSCH)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL9001

The student will combine work and study, by investigating, analysing, assessing and developing possible improvements or innovations to some agreed aspect(s) (processes), procedure(s) or product(s)) at the student's workplace. With the help and support of an advisor, it is expected that the student will study appropriate literature and other resources, research methodology and undertake other activities, as in the student's approved Learning Plan, to produce a high standard report that demonstrates that the student has gained a very high level of understanding of the agreed aspect(s) and the methods of investigating and reporting on those aspect(s) of their workplace and how those aspects may be improved. The student must demonstrate a capability of successfully undertaking self-managed and/or collab orative research and project development.

WBL9010 WORKPLACE-BASED PROJECT 10 (1UNIT) (FOART - RSCH)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL9001

The student will combine work and study, by investigating, analyzing, assessing and developing possible improvements or innovations to some agreed aspect(s) (process(es), procedure(s) or product(s)) at the student's workplace. With the help and support of an advisor, it is expected that the student will study appropriate literature and other resources, research methodology and undertake other activities, as in the student's approved Learning Plan, to produce a high standard report that demonstrates that the student has gained a very high level of understanding of the agreed aspect(s) and the methods of investigating and reporting on those aspect(s) of their workplace and how those aspects may be improved. The student must demonstrate a capability of successfully undertaking self-managed and/or collab orative research and project development.

WBL9011 WORKPLACE-BASED PROJECT 11 (1UNIT) (FOART - RSCH)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL9001

The student will combine work and study, by investigating, analyzing, assessing and developing possible improvements or innovations to some agreed aspect(s) (process(es), procedure(s) or product(s)) at the student's workplace. With the help and support of an advisor, it is expected that the student will study appropriate literature and other resources, research methodology and undertake other activities, as in the student's approved Learning Plan, to produce a high standard report that demonstrates that the student has gained a very high level of understanding of the agreed aspect(s) and the methods of investigating and reporting on those aspect(s) of their workplace and how those aspects may be improved. The student must demonstrate a capability of successfully undertaking self-managed and/or collab orative research and project development.

WBL9012 WORKPLACE-BASED PROJECT 12 (1UNIT) (FOART - RSCH)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL9001

The student will combine work and study, by investigating, analysing, assessing and developing possible improvements or innovations to some agreed aspect(s) (processes), procedure(s) or product(s)) at the student's workplace. With the help and support of an advisor, it is expected that the student will study appropriate literature and other resources, research methodology and undertake other activities, as in the student's approved Learning Plan, to produce a high standard report that demonstrates that the student has gained a very high level of understanding of the agreed aspect(s) and the methods of investigating and reporting on those aspect(s) of their workplace and how those aspects may be improved. The student must demonstrate a capability of successfully undertaking self-managed and/or collab orative research and project development.

WBL9013 WORKPLACE-BASED PROJECT 13 (1UNIT) (FOART - RSCH)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL9001

The student will combine work and study, by investigating, analyzing, assessing and developing possible improvements or innovations to some agreed aspect(s) (process(es), procedure(s) or product(s)) at the student's workplace. With the help and support of an advisor, it is expected that the student will study appropriate literature and other resources, research methodology and undertake other activities, as in the student's approved Learning Plan, to produce a high standard report that demonstrates that the student has gained a very high level of understanding of the agreed aspect(s) and the methods of investigating and reporting on those aspect(s) of their workplace and how those aspects may be improved. The student must demonstrate a capability of successfully undertaking self-managed and/or collab orative research and project development.

WBL9014 WORKPLACE-BASED PROJECT 14 (1UNIT) (FOART - RSCH)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL9001

The student will combine work and study, by investigating, analyzing, assessing and developing possible improvements or innovations to some agreed aspect(s) (process(es), procedure(s) or product(s)) at the student's workplace. With the help and support of an advisor, it is expected that the student will study appropriate literature and other resources, research methodology and undertake other activities, as in the student's approved Learning Plan, to produce a high standard report that demonstrates that the student has gained a very high level of understanding of the agreed aspect(s) and the methods of investigating and reporting on those aspect(s) of their workplace and how those aspects may be improved. The student must demonstrate a capability of successfully undertaking self-managed and/or collab orative research and project development.

WBL9015 WORKPLACE-BASED PROJECT 15 (1UNIT) (FOART - RSCH)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL9001

The student will combine work and study, by investigating, analyzing, assessing and developing possible improvements or innovations to some agreed aspect(s) (process(es), procedure(s) or product(s)) at the student's workplace. With the help and support of an advisor, it is expected that the student will study appropriate literature and other resources, research methodology and undertake other activities, as in the student's approved Learning Plan, to produce a high standard report that demonstrates that the student has gained a very high level of understanding of the agreed aspect(s) and the methods of investigating and reporting on those aspect(s) of their workplace and how those aspects may be improved. The student must demonstrate a capability of successfully undertaking self-managed and/or collab orative research and project development.

WBL9016 WORKPLACE-BASED PROJECT 16 (1UNIT) (FOART - RSCH)

Units 1.0 (Education not elsewhere classi) Band 5

Co-requisite: WBL9001

Developing possible improvements or innovations to some agreed aspect(s) (process(es), procedure(s) or product(s)) at the student's workplace. With the help and support of an advisor, it is expected that the student will study appropriate literature and other resources, research methodology and undertake other activities, as in the stu dent's approved Learning Plan, to produce a high standard report that demonstrates that the student has gained a very high level of understanding of the agreed aspect(s) and the methods of investigat ing and reporting on those aspect(s) of their workplace and how those aspects may be improved. The student must demonstrate a capabil ity of successfully undertaking self-managed and/or collaborative research and project development.

WIL3000 WORK INTEGRATED LEARNING - LAW (FOBUS - UGRD)

Units 1.0 (Constitutional Law) Band 3

The purpose of this course is to give students the opportunity to ex perience the applied aspects of working in an area of law. It allows students to enhance their learning by the application of the concepts, theories and graduate skills developed in aspects of legal study to their workplace activities. Further it will encourage a reflective ap proach to the development of their knowledge, skills and professional attributes. It is envisioned that the practical legal experience will en hance the student's post-graduation employment prospects. Students should be aware that the number of students will be restricted and acceptance will be at the discretion of the course examiner.

WIN1101 GRAPE AND WINE PRODUCTION (FOSCI - UGRD)

Units 1.0 (Food Science and Biotechnology) Band 6

This course provides an introduction to the history of grape growing and winemaking, trends in wine making and consumption, the struc ture and growth of the grapevine, grapevine propagation, diseases and pests, determination of grape ripeness and harvest, production of red and white table wines, sparkling wines and fortified wines, and understanding of wine types and styles.

WIN2102 WINE COMPOSITION, STABILITY AND ANALYSIS (FOSCI - UGRD)

Units 1.0 (Food Science and Biotechnology) Band 6

Pre-requisite: WIN1101 and CHE1110

This course is aimed at providing an awareness of how chemistry can be used to interpret, unify and predict outcomes of winemaking actions. The course introduces the principles of acidity, buffering, chemical equilibria and oxidation in wine making. The course also considers measurement and control in winemaking, considerations for chemical analyses of wine, juice and wine acidity, sulphur dioxide in winemaking, oxidation and its management in grapes, juice and wine, chemistry of wine phenolic compounds and sensory compo nents, and wine chemical stability issues.

WIN2201 WINE ANALYSIS PRACTICE (FOSCI - UGRD)

Units 1.0 (Food Science and Biotechnology) Band 6

Pre-requisite: WIN2102

This course mainly comprises a compulsory, intensive 5 day residen tial school, based at the Queensland College of Wine Tourism, and provides a practical introduction to wine analysis through laboratory activities, field trips to commercial vineyards, wineries and winery laboratories, and wine sensory analysis. In addition students will be guided through appropriate preparatory activities prior to the residen tial school and follow-up activities will include completion of a report on activities and outcomes. The practical experience in this course relates to the theoretical courses WIN1101 (Grape & Wine Production) and WIN2102 (Wine composition, stability and analysis).

WIN2202 WINEMAKING PRACTICE 1 (FOSCI - UGRD)

Units 1.0 (Food Science and Biotechnology) Band 6

Pre-requisite: WIN2102

This course mainly comprises a compulsory, intensive 5 day residen tial school, based at the Queensland College of Wine Tourism, and provides a practical introduction to winemaking through activities in the Queensland College of Wine Tourism winery and laboratories, field trips to commercial vineyards and wineries. The winemaking activities to be undertaken include grape harvesting, grape processing (crushing, pressing, stabilisation, clarification, enzyme treatments, acidification), and initiation and monitoring of primary fermentation of white and red wines. In addition students will be guided through appropriate preparatory activities prior to the residential school and follow-up activities will include completion of a report on activities and outcomes. The practical experience in this course is set in context of relevant winemaking activities and relates to elements of the theo retical courses WIN1101 (Grape and Wine Production), WIN2102 (Wine composition, stability and analysis), WIN2204 (Wine Biochem istry), WIN2206 (Wine Microbiology), WIN3303 (Wine Production). It builds upon skills developed in WIN2201 (Wine Analysis Practice).

WIN2203 VITICULTURAL PRACTICE 1 (FOSCI - UGRD)

Units 1.0 (Food Science and Biotechnology) Band 6

Pre-requisite: WIN1101

This course mainly comprises a compulsory, intensive 5 day residen tial school, based at the Queensland College of Wine Tourism, and provides a practical introduction to determination of harvest date and vineyard management during the harvest season through activities in the Queensland College of Wine Tourism vineyard facilities, and field trips to local commercial vineyards. The activities to be under taken include determining optimal time for harvest through grape berry chemical testing and Berry Sensory Assessment (BSA), and late season vineyard management. In addition students will be guided through appropriate preparatory activities prior to the residential school and follow-up activities will include completion of a report on activities and outcomes. The practical experience in this course is set in context of relevant viticultural activities, and relates to elements of the theoretical courses WIN1101 (Grape and Wine Production) and WIN2205 (Viticultural Principles).

WIN2204 WINE BIOCHEMISTRY (FOSCI - UGRD)

Units 1.0 (Food Science and Biotechnology) Band 6

Pre-requisite: BIO1101 and CHE2120 and WIN2102

Biochemistry may be considered as the description of life at the molecular level. The chemical and physical nature of structures and functions within living cells is studied. This course allows students to develop an understanding of the major classes of biochemical com pounds found in living organisms and the metabolism of these com pounds. It discusses the structures and chemistry of biomolecules, bioenergetics of metabolic reactions and central metabolic processes including metabolism of carbohydrates, respiration and photosynthe sis. This is extended to consider the biochemistry of important en zyme-catalysed reactions during production and storage of wine. Impacts of enzymes from the grapes, the microbes used to ferment wine, and used as winemaking additives are discussed. The course also considers biochemical and spectroscopic analysis of wine.

WIN2205 VITICULTURAL PRINCIPLES (FOSCI - UGRD)

Units 1.0 (Food Science and Biotechnology) Band 6

Pre-requisite: BIO2202 and WIN1101

This course exposes students to an in depth understanding of the annual grapevine growth cycle and the importance of this knowledge to vineyard management, the processes of vegetative and reproduc tive growth and berry flavour and aroma accumulation and the influ ence of climate on these processes.

WIN2206 WINE MICROBIOLOGY (FOSCI - UGRD)

Units 1.0 (Food Science and Biotechnology) Band 6

Pre-requisite: BIO1101 and WIN2102

This course in wine microbiology is aimed at providing knowledge to wine industry professionals on the positive and negative impacts that micro-organisms can have on quality of grapes and wine. It begins with a general introduction to microbiology, including consideration of the relevance of microbiology in our daily lives and the environment. This course includes discussion of the history and diversity of micro-organisms, microbial cell structure and function, metabolism, nutrition, growth and control of micro-organisms, an introduction to bacteria, viruses, fungi and protists and factors affecting their interactions with grapevines, an introduction to the types and roles of micro-organisms found in wines, roles of yeasts and bacteria in wine making and spoilage reactions, and control of micro-organisms in wine making. Consideration of more advanced aspects of wine microbiology in this course include selection and management of winemaking yeast and bacteria for optimal primary and secondary fermentations, develop ment of new winemaking strains and conventional and novel approach es to strain selection and fermentation management.

WIN3301 SENSORY ANALYSIS (FOSCI - UGRD)

Units 1.0 (Food Science and Biotechnology) Band 6

Pre-requisite: STA2300 and WIN1101

This course provides an introduction to physiological underpinning of sensory perception, principles of grape berry sensory analysis and sensory analysis of major wine types and styles, and consideration of wine faults. Students also gain insight into the roles and procedures of wine shows. The course also provides an introduction to issues of wine and health, including discussion of both positive and negative potential impacts of wine consumption.

WIN3302 VITICULTURAL PRODUCTION (FOSCI - UGRD)

Units 1.0 (Food Science and Biotechnology) Band 6

Pre-requisite: WIN2205

Viticulture practices focuses on the practices involved in yield estima tion and vineyard management throughout different times of the year, including pruning, irrigation and nutrition management, canopy and vineyard floor management and ripening and harvesting of quality fruit. It offers an in depth investigation into the issue of vineyard pest and disease management and the importance of monitoring and recordkeeping. Emerging vineyard technologies are introduced.

WIN3303 WINE PRODUCTION (FOSCI - UGRD)

Units 1.0 (Food Science and Biotechnology) Band 6

Pre-requisite: WIN2102

This course begins by reviewing and extending consideration of production of dry white and red table wines. It includes assessment of grape berry quality as related to winemaking, and follows the key stages in the making of dry table wines. These stages include pro cessing of grapes, must and juice, primary yeast fermentation, sec ondary fermentations, similar and different processes in white and red wine production and management of wines during post-fermen tation processes. This is followed by consideration of bottling, types of wine packaging and their potential impacts on wine characteristics. Production of fortified wines is considered, including production of fortifying spirit by distillation and processes used in production of the various styles of fortified wines. The course finishes with consideration of principles of production of sparkling wines, including secondary fermentation and post-fermentation processes and practices.

WIN3304 VITICULTURAL AND WINEMAKING PRACTICE 2 (FOSCI - UGRD)

Units 1.0 (Food Science and Biotechnology) Band 6

Pre-requisite: WIN2202 and WIN2203

This course mainly comprises a compulsory, intensive 5 day residen tial school, based at the Queensland College of Wine Tourism, and provides a practical introduction to viticultural practices in the spring to summer period, considering topics such as flowering, vineyard management, spraying, pest & disease management, fertilisation, irrigation, floor management, cover crops and canopy management. Winemaking skills and topics include maturation, clarification, stabil isation, fining, finishing and bottling. It also provides further practice in techniques of analysis of wine components in the context of this phase of wine production through activities in the Queensland College of Wine Tourism vineyard and winery facilities and field trips to local commercial vineyards and wineries. In addition students will be guided through appropriate preparatory activities prior to the residen tial school and follow-up activities will include completion of a report on activities and outcomes. The practical experience in this course is set in context of relevant viticultural and winemaking activities and relates to elements of the theoretical courses WIN1101 (Grape and Wine Production), WIN2102 (Wine composition, stability and analysis), WIN2204 (Wine Biochemistry), WIN2205 (Viticultural Principles) WIN2206 (Wine Microbiology), WIN3302 (Viticultural Production) and WIN3303 (Wine Production). It builds upon skills developed in WIN2201 (Wine Analysis Practice), WIN2202 (Winemaking Practice 1) and WIN2203 (Viticultural Practice 1).

WIN3306 SENSORY ANALYSIS PRACTICE (FOSCI - UGRD)

Units 1.0 (Food Science and Biotechnology) Band 6

Pre-requisite: WIN3301

This course mainly comprises a compulsory, intensive 5 day residen tial school, and focuses on the development of appreciation of variety, region and vineyard and winery management on final wine sensorial appreciation. A major focus of this course is the recognition of wine faults. Students analyse different styles of wine from regions around the world. Students also gain insight and practical experience in the world of the wine show, being exposed to wine judging and wine show stewarding, and to the use of sensorial analysis for wine re search. The experience in this course relates to elements of the theoretical courses WIN1101 (Grape and Wine Production), WIN2102 (Wine composition, stability and analysis), and WIN3301 (Sensory Analysis).