The information contained in this Handbook is valid as at the date mentioned below. The University of Southern Queensland reserves the right not to offer any program or course and to decline the enrolment of students in a program or course, in the light of student demand and resource constraints. Program structures, course objectives and content are subject to amendment as circumstances dictate.

The most up-to-date version of the USQ Handbook is the electronic version at http://www.usq.edu.au/handbook/current/. Any printed version or other saved electronic version will be up to date at the time of printing or saving but may not contain the most recent information. Please always refer to the Internet address provided.

This version produced 8 Dec 2016.
Course synopses

General Information

A Course is the basic unit of study and assessment for which a Student may be awarded a grade, and may accumulate credit units towards completion of a Program. Synopses and course specifications can be found at http://www.usq.edu.au/course/specification/current/. 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.

Consult the Handbook on the Web at http://www.usq.edu.au/handbook/current for any updates that may occur during the year.
ACC1101 ACCOUNTING FOR DECISION MAKING (FBELA - UGRD)
Units 1.0 (Accounting) Band 3

This course introduces students to the world of business. It emphasizes the practical and functional nature of business decisions from the perspective of financial accounting, managerial costing and budgetary policies, investing, and financing of business operations. 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 generated, the course also addresses the procedures used to precede underlying their preparation. The course develops students' ability to work in teams, solve problems and encourages self-management.

ACC1102 FINANCIAL ACCOUNTING (FBELA - UGRD)
Units 1.0 (Accounting) Band 3
Pre-requisite: ACC1101

In this course you will study the concepts and standards that underpin financial accounting and the financial reporting processes, and you will study a number of specific accounting standards and generally accepted accounting principles (GAAP). This course includes an analysis of the recognition, measurement, reporting, and presentation financial information required for policy making and management control. The course also considers the determination of the cost of assets (inventory, receivables and long-term assets, such as property, plant and equipment and intangibles), liabilities (provisions and bonds), equity (partnerships and companies), income (revenue and expenditure) and cash flows. You will also prepare financial statements for reporting entities (statement of financial position, statement of profit or loss, cash flow statement). You will also consider the preparation, comprehensiveness, income, statement, changes in income and statement of cash flows) and analyze the income statement. Based on the Australian Quality Framework, the minimum Threshold Learning Outcomes for this course will be developed in the areas of Knowledge, Judgement and Application Skills.

ACC2113 MANAGEMENT ACCOUNTING I (FBELA - UGRD)
Units 1.0 (Accounting) Band 3
Pre-requisite: ACC1101

This course focuses on the provision and use of management accounting information by managers to control and direct business activities. The course encourages an understanding of the management accounting function by exploring the creation and management of organizational value. This course develops the threshold learning outcomes in the areas of knowledge and application skills.

ACC2115 COMPANY ACCOUNTING (FBELA - UGRD)
Units 1.0 (Accounting) Band 3
Pre-requisite: ACC1102 or ACC2115

This course is designed to enable students to acquire basic skills of company accounting (formerly ACC3115). Based on the Australian Quality Framework, the minimum Threshold Learning Outcomes for this course will be developed in the areas of Knowledge and Application Skills. For example, students will prepare basic company accounting records required for a simulated consolidation of companies as a part of the assessment.

ACC3041 SUSTAINABLE ACCOUNTING AND FINANCE (FBELA - UGRD)
Units 1.0 (Accounting) Band 3
Pre-requisite: ACC1102 and FN1101

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 maximizing returns to shareholders must still apply. Hence, the triangle 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 examining 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 sustainability of business activities before committing funds; the issues surrounding the reporting of environmental impacts of a business’s operations 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 sustainable business strategy in the future.

ACC3011 ACCOUNTING INFORMATION SYSTEMS (FBELA - UGRD)
Units 1.0 (Accounting) Band 3
Pre-requisite: ACC1102 and CS1100

This course takes a cost contracting approach to analyzing accounting information systems, although other perspectives on firms and information systems are also considered. This course examines the role of accounting information in monitoring and controlling, and the designing and structuring relationships beyond the boundaries 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 central systems to mitigate against the threats involved. The threshold learning outcomes are developed through intentional and unintentional effort. Throughout the course these topics are considered in the context of recent major changes in the business environment, such as globalization of trade, economic sustainability, and advances in technologies such as the Internet and telecommunication. Students are taught how to "find out" about these changes and to analyse them in an information systems context. This unit also places an emphasis on understanding accounting information systems to operate 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 and organisations, this course deals with major processes on three major business action processing cycles viz. general ledger/reporting, revenue and expenditure.

ACC3114 MANAGEMENT ACCOUNTING II (FBELA - UGRD)
Units 1.0 (Accounting) Band 3
Pre-requisite: ACC2115

This course comprises an extension of some topics studied in Management Accounting I, as well as an expansion into other areas. Extensions include profitability analysis, decision making, pricing decisions and cost-volume-profit analysis. The course also explores impacts on management decision making from an ethical perspective. The course also concentrates on the measurement and nature of profitability and its relationship to the decision to accept new business transactions. The focus is on the management accounting processes and their impact on the design of control systems for management decision making. Finally, the accounting process is extended to cash flow analysis, and the internal and external decisions that affect the financial statements displayed in accounting reports.

ACC3116 MANAGEMENT ACCOUNTING AND SOCIETY (FBELA - UGRD)
Units 1.0 (Accounting) Band 3
Pre-requisite: ACC2115

This course introduces students to the theory that underpins 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 financial reporting decisions or evaluating the decisions of others. The primary objective of this course is to provide an understanding of the nature of accounting from a critical perspective so students see the relativity of ethical 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. As a capstone course for the accounting major, students will be asked to bring together all their learned knowledge of accounting from separate courses and take a critical look at theory and practice of accounting.
ANT301 ANTHROPOLOGY OF ORDER: MAKING SOCIETY (FBELA - UGRD) Units 1.0 (Anthropology) Band 1 Pre-requisite: ANT1001 and at least two Second Level ANT courses This course introduces students to concepts, theories, examples and cases of how to understand how Culture operates and allows humans to acquire and pass on knowledge and to make sense of the World. In this course, and the order embedded within it, allows us to exist and interact in our worlds. It is Culture which makes human life possible. Particular attention is given to the ordering of relationships of people within groups and the organization of groups within social systems. This course is based predominantly on cultural anthropology, but makes some reference to the disciplines of sociological and psychology.

ANT4001 ADVANCED CONTEMPORARY ANTHROPOLOGICAL THEORY (FBELA - UGRD) Units 2.0 (Anthropology) Band 1 Pre-requisite: Students must be enrolled in one of the following Programs: BANIN or MSTA This course aims to provide a more detailed and in-depth survey of the major anthropological theoretical approaches of the late 20th century onwards. 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 theory of development of the discipline in the concluding, neo-Marxist, critical theory, post-structuralism and post-modernism. Students will use the assessment to develop the theoretical basis for their particular Honours topic.

ANT4002 CONTEMPORARY ISSUES AND DEBATES IN ANTHROPOLOGY (FBELA - UGRD) Units 1.0 (Anthropology) Band 1 Pre-requisite: Students must be enrolled in one of the following Programs: BANIN or MSTA This course examines central themes in contemporary anthropology today and their debates such as the issues of whether anthropolog- ogy is primarily an explanatory or interpretive enterprise, positivism and relativism, the relationship between anthropologists and the people they study. Case studies of important issues in anthropology debate within the discipline will be exam- ined in detail. Examples of topics to be examined include the Hiri maris Island Bridge controversy, the Chagnon/Terre Mois Yanomami issue and the Sahlins/Obeysek debate about Lono and the Marsh Island Bridge controversy, the Chagnon/Terre Mois Yanomami issue and the Sahlins/Obeyske debate about Lono and the Marsh Island Bridge controversy, the Chagnon/Terre Mois Yanomami issue and the Sahlins/Obeyske debate about Lono and the Marsh Island Bridge controversy, the Chagnon/Terre Mois Yanomami issue and the Sahlins/Obeyske debate about Lono and the Marsh Island Bridge controversy.

AVN1101 INTRODUCTION TO AVIATION (FBELA - UGRD) Units 1.0 (Business Mgt not classified) Band 3 This course briefly studies the history of the aviation industry and students will engage in the requirements of discipline and professionalism in this industry. The history of the industry will be viewed as a complex understanding of the modern aviation industry and how the industry is currently structured and governed as well as how it is regulated and controlled and other aviation industry operations to operate and combine to create this exciting and innovative industry. Students will develop professional development in the industry in this course concomitantly with first year courses by investigating and experiencing aspects of the industry such as appropriate dress, bearing, professional attitudes and non-technical skills.

AVN1102 GENERAL AVIATION KNOWLEDGE (FBELA - UGRD) Units 1.0 (Business Mgt not classified) Band 3 This course is designed to provide sufficient theoretical knowledge on a wide range of topics such as light aircraft systems, basic aerodynamics, and an introduction to Australian regulatory systems and associated publications while maintaining a relatively low level of complexity. The course also provides an opportunity to evaluate as cidents/incidents associated with common meteorological phenomena. The course will combine a focus on basic navigation, flight plan- nings and performance, and planning. Students will begin their professional development in the industry in this course concomitantly with first year courses by investigating and experiencing aspects of the industry such as appropriate dress, bearing, professional attitudes and non-technical skills.

AVN1103 INTERNATIONAL AVIATION (FBELA - UGRD) Units 1.0 (Business Mgt not classified) Band 3 This course explores the roles and functions of ICAO, together with its interactions with national aviation safety regulators as well as international and regional organizations such as the International Air Transport Association (IATA), the role of major regional and state regulators such as the Civil Aviation Administration (CAA), the European Aviation Safety Authority (EASA), Pacific Aviation Safety Office (PASO), the Civil Aviation Safety Authority (CASA) will be explored. Students will also be introduced to the concepts of mutual recognition through bilateral and multilateral agreements as well as the various safety initiatives such as the Global Aviation Safety Plan, the Universal Safety Oversight Plan and the ICAO.

AVN1104 INTRODUCTION TO HUMAN PERFORMANCE IN AVIATION (FBELA - UGRD) Units 1.0 (Business Mgt not classified) Band 1 Human factors in aviation are involved in studies of human capabil- ities, limitations, and behaviours and the integration of that knowledge into the aviation system. This course considers the physiological and psychological interactions of humans as part of the complex socio- technical system of aviation operations. The course covers key aspects of human performance such as information processing and cognition, ergonomics, automation, and human error and Human Error Management (HEM). The course also explores leadership and teamwork and on opt operators by placing them in an aviation context through the use of appropriate case studies.

AVN1105 INTRODUCTION TO AVIATION BUSINESS (FBELA - UGRD) Units 1.0 (Business Mgt not classified) Band 3 This course studies the various businesses and business processes that make up the aviation industry. These include the aircraft manu facturers, general aviation, airlines, airports, and other sectors of the industry. Students will continue their professional development in the industry in this course concomitantly with first year courses by investigating and experiencing aspects of the industry such as appropriate dress, bearing, professional attitudes and non-technical skills.

AVN1106 AVIATION SAFETY SYSTEMS (FBELA - UGRD) Units 1.0 (Business Mgt not classified) Band 3 Students entering the aviation industry in a managerial or supervisory capacity will require an in-depth knowledge of risks to safety caused by system and individual failure. They will need to understand the systemic processes in place to mitigate for system failures and to understand the sources of data which drive risk mitigation strategies. Having an in-depth understanding of safety concepts will allow them to measure and monitor the effectiveness of a safety manage- ment system. Students will continue their professional development in the industry in this course concomitantly with first year courses by investigating and experiencing aspects of the industry such as appropriate dress, bearing, professional attitudes and non-technical skills.

AVN1107 AIRCRAFT OPERATIONS (FBELA - UGRD) Units 1.0 (Business Mgt not classified) Band 3 Pre-requisite: AVN1102 In this course, students will further develop their understanding of operations, performance, and technical system and individual failure. Students will study the technical system of aviation operations. The course covers key aspects of human performance such as information processing and cognition, ergonomics, automation, and human error and Human Error Management (HEM). The course also explores leadership and teamwork and on opt operators by placing them in an aviation context through the use of appropriate case studies.

AVN1108 FLIGHT LABORATORY (FBELA - UGRD) Units 1.0 (Aircraft Operation) Band 2 Pre-requisite: AVN102 and AVN1104 The course uses a blend of practical and theory components, allowing students to translate and apply theory to practical applications whilst undertaking an aeromedical experience program. The course includes theory and practical aspects of flight preparation involving flight planning, meteorological considerations, air traffic control, pre and post flight briefings and airmanship. Students will be required to record their learning experiences in a reflective diary, which will be assessed as part of the course requirements.

BAC3000 BCA PROJECT A (FBELA - UGRD) Units 1.0 (Creative Arts not elsewhere classified) Band 1 This course seeks to engage students 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 how the students’ skills and abilities are developed and refines through experiential methodologies in order to develop discipline expertise in the Creative Arts student.

BCA3001 BCA PROJECT B (FBELA - UGRD) Units 1.0 (Creative Arts not elsewhere classified) Band 1 This course seeks to engage students 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 how the students’ skills and abilities are developed and refines through experiential methodologies in order to develop discipline expertise in the Creative Arts student.

BCA4000 RESEARCH METHODS IN STUDIO PRACTICE (FBELA - UGRD) Units 1.0 (Creative Arts not elsewhere classified) Band 1 This course introduces students to procedures for planning, funding, managing and marketing their arts practice.

BCA4001 PROFESSIONAL STUDIO PRACTICE (FBELA - UGRD) Units 1.0 (Creative Arts not elsewhere classified) Band 1 Pre-requisite: Students must be enrolled in one of the following Programs: BOCRA or MISTA This course enables students to critically consider the relationship between the quality of their practice-led/studio research and the professional standards set within the creative art industry. Students will need to identify the original contribution of their study and how it can engage or be positioned within a professional industry context. Therefore students will consider the nature and impact of their studio research in light of the gallery/venue/site and the target audience. As a learning outcome, students will be able to demonstrate to their studio audience how their studio contribution and work works towards being engaged with the creative art industry on a local, national or international level.

BCA4002 CULTURAL THEORY AND CRITICAL PRACTICE (FBELA - UGRD) Units 1.0 (Creative Arts not elsewhere classified) Band 1 Pre-requisite: FTR5002 and THE5002 and CWR5003 and CWR5002 This course is the final course in the suite for this Graduate Certificate and is designed to advance and enhance students’ understanding of their respective field of professional practice. A variety of activities will be provided for students in which to participate with industry professionals to build their capacity for industry careers.
This course provides a brief history to life on earth, introduces the characteristics and diversity of organisms and provides a comprehensive view 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.

**BCA8004 THEORY IN PRACTICE (MASTERS)**

**BCA8003 THEORY IN PRACTICE A**

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, nervous, endocrine, immune, hematopoietic and gastrointestinal systems, respiratory, digestive, urinary and reproductive systems. A laboratory-based residential school is a highly recommended component of this course and there is an assessment item associated with the residential school.

**BCA8004 THEORY IN PRACTICE B**

The normal workload for this course is attendance of 13 days per semester. However, as this is a workplace placement students must be aware of the privacy and confidentiality issues that are associated in such an environment. Students undertaking clinical pathology placements must undertake Queensland Health Orientation training and sign deeds relating to placement requirements and privacy. The students will be provided with an orientation package relating to clinical placements. Students undertaking clinical pathology 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 placement students must be aware of the privacy and confidentiality issues that are associated in such an environment. Students undertaking clinical pathology placements must undertake Queensland Health Orientation training and sign deeds relating to placement requirements and privacy. The students will be provided with an orientation package relating to clinical placements. This course as was required in BIO2033 Human Anatomy and Physiology 1.

**BCA8002 RESEARCH METHODS IN STUDIO PRACTICE (MASTERS)**

**BCA8001 CRITICAL AND CREATIVE THINKING**

**BCA8000 AESTHETIC DIMENSIONS (FBELA - PGRD)**

**BCIO101 BIOLOGY 1**

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 setting. It will enable 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 for any updates that may occur during the year.

**BCIO101 BIOLOGY 1**

This course provides a brief history to life on earth, introduces the characteristics and diversity of organisms and provides a comprehensive view 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.

**BCIO103 PATHOLOGY STUDIES**

This introductory study in medical microbiology and immunology is aimed at providing knowledge on the relevance of this subject to different fields of biomedical science and specifically with respect to infectious risk. Exploring 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 between bacteria, viruses and fungi with humans and their impacts on public health. The course also introduces fundamental concepts of immunology with respect to how the body detects itself against an infectious insult and includes concepts of innate and acquired immune responses. A laboratory-based residential school is a highly recommended component of this course and there is an assessment item associated with the residential school.

**BCIO104 MEDICAL MICROBIOLOGY AND IMMUNOLOGY 1**

**BCIO1205 PATHOLOGY CLINICAL PLACEMENT 1**

**BCIO1205 PATHOLOGY CLINICAL PLACEMENT 1**

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 setting. It will enable students to improve 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 for any updates that may occur during the year.

**BCIO2034 INTRODUCTION TO BIOMEDICAL SCIENCES**

**BCIO1206 HUMAN ANATOMY AND PHYSIOLOGY 2**

**BCIO2013 BIOLOGY 2**

**BCIO1204 INTRODUCTION TO BIOMEDICAL SCIENCES**

**BCIO1206 HUMAN ANATOMY AND PHYSIOLOGY 2**

**BCIO1100 BIOLOGY CONCEPTS**

**BCIO1100 BIOLOGY CONCEPTS**

**BCIO101 BIOLOGY 1**

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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 setting. It will enable students to improve 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 for any updates that may occur during the year.

**BCIO101 BIOLOGY 1**

This course provides a brief description of the science of biology and the definitions and understanding of life. The classification and diversity of organisms, a comprehensive foundation in cell structure and function, and the biogeochemical cycles. The course concludes with an introduction to the principles of ecosystem, ecosystem dynamics, global energy flows and biogeochemical cycling.
BIO2106 MEDICAL MICROBIOLOGY AND IMMUNOLOGY 1 (FHEC - UGRD)

Units 1.0 (Microbiology) Band 2
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 special attention include the nature of microbial virulence factors, antimicrobial therapy and mechanisms of resistance and a system approach to infectious disease. This course will also extend and support the original reading. The student is also expected to participate in the online discussions and to complete a variety of tasks. It is likely that the practical experience will enhance the student's post-graduation employment prospects.

BIO2107 CELL AND MOLECULAR BIOLOGY 1 (FHEC - UGRD)

Units 1.0 (Biochemistry and Cell Biology) Band 2
Pre-requisite: BIO1104
The course is presented in two modules: in the first, the course introduces the nature of gene organisation, replication and expression in both prokaryotic and eukaryotic systems. The course also provides an overview of the molecular technologies including recombinant DNA techniques, and an overview of areas such as Western Blot assays, PCR, 

BIO2109 GENETICS 1 (FHEC - UGRD)

Units 1.0 (Biological Sciences) Band 2
Pre-requisite: BIO1104
This course builds on the foundations obtained in BIO1103 Pathology Studies. The course explores the nature of common embryonic disorders. The pathophysiology and clinical manifestations of disorders associated with specific organs are highlighted. The course is a workplace setting and will be delivered online. It is suitable for candidates to undertake further advanced studies. Pre-requisite: BIO1103 and BIO2108

BIO2110 GENETICS 2 (FHEC - UGRD)

Units 1.0 (Biological Sciences) Band 2
Pre-requisite: BIO1104
This course provides students with an opportunity 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. This course will allow students to apply their knowledge to a workplace setting and in support of the student's post-graduation employment prospects. Students intending to enrol in this course will complete an orientation package relating to clinical placements. Students undertaking clinical placements must undertake an orientation package prior to commencing Clinical Pathology placements.

BIO2118 HUMAN PHYSIOLOGY AND PHARMACOLOGY 1 (FHEC - UGRD)

Units 1.0 (Biological Sciences) Band 2
Pre-requisite: BIO1104
This course builds on the foundations obtained in BIO2118 Human Physiology and Pharmacology 1 and BIO2218 Human Physiology and Pharmacology 2. The course will develop an understanding of the changes that occur in disease states in the reproductive, endocrine and musculoskeletal systems, and explore the application of investigational techniques. The course is a workplace setting and will be delivered online. It is suitable for candidates to undertake further advanced studies. Pre-requisite: BIO2118 and BIO2218

BIO2119 HUMAN PHYSIOLOGY AND PHARMACOLOGY 2 (FHEC - UGRD)

Units 1.0 (Biological Sciences) Band 2
This course builds on the foundations obtained in BIO2118 Human Physiology and Pharmacology 1 and BIO2218 Human Physiology and Pharmacology 2. The course will develop an understanding of the changes in functioning of the human body in disease states.

BIO2201 HUMAN MICROBIOLOGY AND IMMUNOLOGY 1 (FHEC - UGRD)

Units 1.0 (Microbiology) Band 2
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 special attention include the nature of microbial virulence factors, antimicrobial therapy and mechanisms of resistance and a system approach to infectious disease. This course will also extend and support the original reading. The student is also expected to participate in the online discussions and to complete a variety of tasks. It is likely that the practical experience will enhance the student's post-graduation employment prospects.
This course provides students with an opportunity to acquire theoretical and laboratory experience in biochemistry and cell biology. The course involves an electronic portfolio that will aid in the development and application of conventional, in silico and molecular technologies for organizing, analysing and interpreting complex cellular function and signalling data.

BIO2099 PATHOLOGY 2
Units 1.0 (Pathology) Band 2
Pre-requisite: BIO2017
This course builds on the knowledge of general pathology gained in the course BIO3019 Pathology 1. Pathology 2 explores systematic pathology or the anatomy and physiology of specific diseases of organs or systems. Pathology 1 and Pathology 2 will provide consolidation of the theory and practice of the Haematology, Clinical Biochemistry, Histopathology, Medical Microbiology and Immunology courses in the Bachelor of Health for the emerging Medical Laboratory Scientist.

BIO2101 CLINICAL BIOCHEMISTRY 2
Units 1.0 (Biochemistry and Cell Biology) Band 2
Pre-requisite: BIO2125
This course builds on the foundations obtained in course BIO2215 Clinical Biochemistry 1. This course takes into account the specific need for knowledge of the normal and abnormal functions of the brain and nervous system. The course will explore the clinical biochemistry of the nervous system, including the evaluation of cerebral and spinal fluid, and the interpretation of laboratory results in patients with neurological disorders. The course will also cover the biochemistry of the endocrine system, including the evaluation of hormones and their effects on metabolic processes. The course will also cover the biochemistry of the immune system, including the evaluation of immune cells and their interactions with pathogens. The course will also cover the biochemistry of the cardiovascular system, including the evaluation of blood vessels and their function. The course will also cover the biochemistry of the respiratory system, including the evaluation of the lungs and their function. The course will also cover the biochemistry of the gastrointestinal system, including the evaluation of the digestive system and its function. The course will also cover the biochemistry of the renal system, including the evaluation of the kidneys and their function. The course will also cover the biochemistry of the immune system, including the evaluation of immune cells and their interactions with pathogens. The course will also cover the biochemistry of the endocrine system, including the evaluation of hormones and their effects on metabolic processes. The course will also cover the biochemistry of the nervous system, including the evaluation of cerebral and spinal fluid, and the interpretation of laboratory results in patients with neurological disorders. The course will also cover the biochemistry of the cardiovascular system, including the evaluation of blood vessels and their function. The course will also cover the biochemistry of the respiratory system, including the evaluation of the lungs and their function. The course will also cover the biochemistry of the gastrointestinal system, including the evaluation of the digestive system and its function. The course will also cover the biochemistry of the renal system, including the evaluation of the kidneys and their function.
Consult the Handbook on the Web at http://www.usq.edu.au/handbook/current for any updates that may occur during the year.

BUS8201 MASTER OF BUSINESS RESEARCH PROJECT B (FEBLA - PGRD) Units 2.0 (Business Mgt not classified) Band 3 Co-requisite: RSH8000 and RSH8001

This is a two-unit course that contributes towards the Master of Business Research. The Dissertation comprises the research and writing of a dissertation (maximum of 40,000 words). Students examine a professional area of interest, usually related to their work environment and are assisted by one or more supervisors with appropriate research and academic credentials. Each candidate for the research project is required to submit a research proposal to the Head of School. This will go to the Faculty Research and Higher Degrees Committee for approval and endorsement by the Executive Dean and the Office of Research and Research Training prior to the commencement of research. Most topics are drawn from the candidate’s work experience and interest; however, it is recognised that the work of some candidates is not necessarily suited for that purpose and the Head of School, 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 MASTER BUSINESS RESEARCH PROJECT C (FEBLA - PGRD) Units 4.0 (Business Mgt not classified) Band 3 Co-requisite: RSH8000 and RSH8001

This is a four-unit course that contributes towards the Master of Business Research. The Dissertation comprises the research and writing of a dissertation (maximum of 40,000 words). Students examine a professional area of interest, usually related to their work environment and are assisted by one or more supervisors with appropriate research and academic credentials. Each candidate for the research project is required to submit a research proposal to the Head of School. This will go to the Faculty Research and Higher Degrees Committee for approval and endorsement by the Executive Dean and the Office of Research and Research Training prior to the commencement of research. Most topics are drawn from the candidate’s work experience and interest; however, it is recognised that the work of some candidates is not necessarily suited for that purpose and the Head of School, 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.

CDS1000 INTRODUCTION TO COMMUNITY WELFARE AND DEVELOPMENT (FHESC - UGRD) Units 1.0 (Welfare Studies) Band 1 Pre-requisite or Co-requisite: CDS1000

CDS1000 is a core course in the Diploma of Community Welfare and Development and Bachelor of Human Services programs designed to offer students an introduction to community management in the local community. The course covers rights based approaches to social justice, social inclusion and social exclusion, the development of social capital and advocacy. It engages students in the task of developing critical analysis skills in relation to issues affecting marginalised groups locally, regionally, nationally and globally.

CDS1001 HUMAN RELATIONS AND COMMUNICATION (FHESC - UGRD) Units 1.0 (Welfare Studies) Band 1 Pre-requisite or Co-requisite: CDS1000

Human Relations and Communications is designed to develop inter-personal skills necessary for fulfilling and maintaining successful 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 information. The Bachelor of Human Services (counselling major) is fully accredited by the Psychotherapy and Counselling Association of Australia (PACFA).

CDS1002 COUNSELLING SKILLS (FHESC - 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 introduces 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 helping models. IMPORTANT NOTE: # Students studying this in external mode may have important residential school attendance requirements. Please see section ‘Other requirements’ for more information. The Bachelor of Human Services (Counselling) is recognised by the Psychotherapy and Counselling Association of Australia (PACFA), and the Australian Counselling Association (ACA).

CDS2000 ETHICAL ISSUES AND HUMAN RIGHTS IN THE SERVICES (FHESC - UGRD) Units 1.0 (Welfare Studies) Band 1 Pre-requisite or Co-requisite: CDS1000

CDS2000 introduces students to the main legal, ethical, and social justice responsibilities that are integral to work in government and non-government human service organisations located in the Social and Community Services Field. While considering a range of key approaches to ethical theory and moral philosophy, students will focus on rights-based, and applied theories, and approaches to the design, development and delivery of human services.

CDS2001 SUSTAINABILITY CONCEPTS AND ISSUES (FHESC - UGRD) Units 1.0 (Welfare Studies) Band 1 Pre-requisite or Co-requisite: CDS1000

The course begins by examining the many conflicting definitions of sustainability, a number of key principles and several alternative models of sustainability. The course considers the implications of the changing paradigms of western society and the many problems and challenges of the twenty-first century as they relate to populations and the carrying capacity of local regions and the planet as a whole. The course introduces students to the sustainability agenda and the ethical and environmental, economic and social problems can be examined in this context and solutions, both current and emerging, that can contribute to long term contributions towards sustainability. The Hervey Bay region will be used as a case study in the context of the ‘sea change’ phenomenon, with consideration of outcomes of social, economic and environmental sustainability for the region. Community involvement in sustainability planning is increasingly important, as local communities increasingly look to governments and other external bodies for leadership, technical assistance and funding. Community and government involvement in sustainability planning is emphasised in the context of the building of social capital and sustainable communities and structures. Some alternative strategies for regional community and economic development will be examined including eco-villages.

CDS2002 FIELD PLACEMENT A (FHESC - UGRD) Units 1.0 (Counselling) Band 1 Pre-requisite or Co-requisite: CDS2000

This industry placement gives students the opportunity to observe and experientially learn how to integrate and apply human services theories, knowledge and skills in a safe, supportive and supervised environment. This course covers rights based approaches to social justice, social inclusion and social exclusion, the development of social capital and advocacy. It engages students in the task of developing critical analysis skills in relation to issues affecting marginalised groups locally, regionally, nationally and globally.

CDS3000 FIELD PLACEMENT B (FHESC - UGRD) Units 2.0 (Counselling) Band 1 Pre-requisite: CDS2002 and CDS3001 and CDS3002 and CDS3004 and PSY3000 Pre-requisite or Co-requisite: PSY3050 and CDS3005

The Bachelor of Human Services (counselling major) is fully accredited by the Psychotherapy and Counselling Association of Australia (PACFA).

CDS3001 ASSESSMENT AND REPORT WRITING IN COUNSELLING (FHESC - UGRD) Units 1.0 (Counselling) Band 1

This course introduces students to core concepts in counselling and development of practical skills for assessing counseling and therapy, and for writing reports. Students learn about various treatment philosophies and approaches to overcome present client issues. This course emphasises both personal and professional self-reflection and development. IMPORTANT NOTE: # Students studying this course in external mode may have important residential school attendance requirements. Please see section ‘Other requirements’ for more information. The Bachelor of Human Services (Counselling) is fully accredited by the Psychotherapy and Counselling Association of Australia (PACFA) and is an approved course of the Australian Counselling Association (ACA).

CDS3002 COUNSELLING THEORY AND PRACTICE 1 (FHESC - UGRD) Units 1.0 (Counselling) Band 1 Pre-requisite: CDS1002 or PSY1010 and PSY1020

This course introduces students to core concepts in counselling and development of practical skills for assessing counseling and therapy, and for writing reports. Students learn about various treatment philosophies and approaches to overcome present client issues. This course emphasises both personal and professional self-reflection and development. IMPORTANT NOTE: # Students studying this course in external mode may have important residential school attendance requirements. Please see section ‘Other requirements’ for more information. The Bachelor of Human Services (Counselling) is fully accredited by the Psychotherapy and Counselling Association of Australia (PACFA).

CDS3004 COUNSELLING THEORY AND PRACTICE 2 (FHESC - UGRD) Units 1.0 (Counselling) Band 1 Pre-requisite or Co-requisite: CDS3002

This course builds on Counselling Skills CDS1002 by training the students in two contemporary and popular models of counselling that are both evidence based and competency based approach (Solution oriented/Narrative therapy and Motivational Interviewing). Both models are client-centred, emphasizing a postmodern approach to personal change with confidentiality and the issues involved in the writing and storage of personal and professional information about clients. IMPORTANT NOTE: # Students studying this course in external mode may have important residential school attendance requirements. Please see section ‘Other requirements’ for more information. The Bachelor of Human Services (Counselling) is fully accredited by the Psychotherapy and Counselling Association of Australia (PACFA).
The student will understand the current place of counselling as a profession within the Australian context, 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.

**CHE110 CHEMISTRY 1 (FHESC - UGRD)**

Units 1.0 (Chemical sciences not elsewhere) Band 2

Topics include atomic theory, formulae, valency, chemical equations, periodic table, chemical/bonding and structure, chemical calculations, chemical reactions, equilibria, and acids and bases.

This course involves a compulsory Residential School for external students only.

**CIS1000 INFORMATION SYSTEMS CONCEPTS (FBELA - UGRD)**

Units 1.0 (Information Systems Band 2)

The aim of this course is to cover the traditional coverage of information systems concepts, through placing the content within the context of business. It is designed to equip students with the skills to apply business information systems as support tools within their study programme and profession. The course will explore fundamental concepts including: hardware, telecommunications and database usage within businesses; internet technologies, including cloud computing, social media, intranets, extranets, and e-commerce; security, privacy, and ethical issues; how business information systems are utilised in organisations, including transaction processing systems, enterprise resource planning systems, management information systems and decision support systems, computer network design and communication; understanding of intelligent agents, expert systems, and virtual reality; and, information systems project management. In addition, students will be exposed to a range of business information systems and tools including presentation tools, database manipulation and report generation, and business analytical spreadsheet usage.

**CIS1101 BUSINESS ONLINE (FBELA - UGRD)**

Units 1.0 (Information Systems not elsewhere) Band 2

This course provides the student with the essential elements pertaining to the conduct of business online together with its implications upon the commercial environment. The course will introduce students to the various business models that are used within electronic commerce, including: business to consumer, business to business, and consumer to consumer models. Students will also gain an understanding of payment systems, security, legal and ethical issues, and marketplace technologies, 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 (FBELA - 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 software and recognize the production of accurate, understandable and efficient systems requirements documents using formal methods which maximize effective communication. Some typical business information systems will be studied. A CASE product will be utilized.

**CIS2002 DATABASE DESIGN AND IMPLEMENTATION (FHESC - 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 modeling, normalization, database design and the creation and management of database objects 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 a ten-hour hands-on course to the Oracle DBMS and cover a significant proportion of the syllabus for the OCP (Oracle Certified Professional) designation. Upon completion of both courses, highly motivated students should have a position 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 (FHESC - UGRD)**

Units 1.0 (Information Systems not elsewhere) Band 2

Pre-requisite: CIS1101

This advanced programming course uses Microsoft.NET to build upon the solid foundations gained in previous programming courses. It further develops object-oriented software development 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 software; explores integration of legacy applications with new technologies, and introduces an introduction to mobile wireless services.

**CIS2005 PRINCIPLES OF INFORMATION SECURITY (FBELA - UGRD)**

Units 1.0 (Security Science) Band 2

There is an increased reliance on the Internet, networks, information systems and computing devices to provide access to information and systems anywhere and anytime. Hence business professionals must have a good understanding of the vulnerabilities and threats to information, systems and networks and the controls that prevent or limit the risks to an acceptable level. It is a goal of this course for business professionals to develop their skills and knowledge so that they can evaluate information security situations, identify specific threats, vulnerabilities, and clearly communicate and manage the risks. The ongoing commitment to effective information security including ethical and privacy considerations is also stressed in this course.

**CIS3001 OBJECT-ORIENTED PROGRAMMING WITH JAVA (FHESC - UGRD)**

Units 1.0 (Information Systems not elsewhere) Band 2

Pre-requisite: CIS2000

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

**CIS3002 BUSINESS ANALYSIS (FBELA - UGRD)**

Units 1.0 (Systems Analysis and Design) Band 2

Pre-requisite: CIS2000 or CIS2467

This course focuses on developing key Business Analysis skills using object-oriented methodologies. In particular, the UML. Popular requirements 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 understand 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 (FHESC - UGRD)**

Units 1.0 (Networks and Communications) Band 2

This course seeks to broaden knowledge of telecommunications and networking fundamentals, as well as to provide a depth of understanding of networking concepts and the importance of network communication in a business environment. This course places a lot of emphasis on being able to present information in a manner that facilitates the process of decision making in the field of business and telecommunications. The course expands upon knowledge of distributed system models and concepts by examining existing and emerging network communication technologies. As part of the course participants are expected to combine networking fundamentals and distributed systems covered in the course with understanding and design of emerging networking solutions and analysis of emerging networking topics (such as cloud computing, virtualisations, wireless technologies, fiber networks).
CIS3010 ORACLE DEVELOPMENT
(FHESC - UGRD)
Units 1.0 (Database Management) Band 2
Pre-requisite: CIS3002

This course complements CIS3002 and an important focus is the architecture of the Oracle DBMS and procedural database programming in the Oracle environment. Students also extend and develop their critical awareness of the use of SQL, PL/SQL, web-based technology and HTML in the context of the Oracle environment. The course will cover some SQL statements including anonymous subprograms, packages, anonymous blocks, functions, procedures, and triggers. Students will gain extensive practical working knowledge of PL/SQL, and data modeling techniques to solve business problems and to address business requirements. The course operates within a framework that focuses on developing business problem-solving and communication skills, and extend use of business case studies of limited scope. This course and CIS3002 together provide students with extensive hands-on exposure to the Oracle DBMS and cover a significant proportion of the syllabus for the OCP (Oracle Certified Professional) designation. Upon completion of both courses, highly motivated 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 10g Expert. In terms of its standing, membership in the Oracle Academic Initiative, on-campus students are exposed to a variety of teaching and learning experiences in their formal Oracle training courses and selected assessments are based upon these presentations.

CIS3011 INFORMATION SYSTEMS INDUSTRY PROJECT
(FHESC - UGRD)
Units 1.0 (Information Systems not elsewhere) Band 2
Pre-requisite: CIS3002

Students are given as much freedom as possible in the choice of a project. Each student must propose a project or undertake a project nominated by the examiner. A project must be completed by a student as a team project. All projects will complement the other courses in the information technology management major by practically integrating the knowledge and skills gained in their studies, the level of understanding towards project management through well developed project management skills, and management of the development and implementation processes. Students will also develop good documentation skills and the ability to communicate effectively. Each student will need to demonstrate a clear understanding of the importance of information technology in a team project.

CIS3010 PROFESSIONAL SKILLS FOR INFORMATION SYSTEMS
(FBEFA - PGRD)
Units 1.0 (Information Systems) Band 2

The aim of this course is to offer the traditional coverage of information systems concepts, through placing the context within the content of business and information systems, to enable students to effectively apply information systems as support tools within their study programme and profession. The course will explore fundamental concepts of technology management and communications, and database usage within businesses; internet technologies, including cloud computing, social media, internet, ethics, and e-commerce; security and network security; ethical issues; business intelligence and data mining; security and personal safety; laws and regulations; project management techniques; project management and communication systems; and virtual reality and information systems project management. In addition, the course introduces students to a range of information systems and tasks including presentation tools, database manipulation and report generation, and business analytical spreadsheet usage.

CIS3010 MANAGEMENT OF BUSINESS ONLINE
(FBEFA & PGRD)
Units 1.0 (Information Systems) Band 2

This course provides the student with the essential elements pertaining to the management and development of business online within a global context, and its impact upon the commercial environment. This course will introduce students to the various business models that are used within electronic commerce, in particular those that have been employed in the context of the Internet, technology concepts, identify marketing issues, and discuss various ethical issues associated with electronic commerce. Students will also understand an orientation of payments systems, security and legal issues, government policies, mobile commerce and other future trends relating to electronic commerce. Students enrolled in this course must have IBM or IBM compatible hardware and software and must have access to the Internet.

CIS3020 PROFESSIONAL SKILLS FOR SYSTEMS ANALYSIS
(FBEFA - PGRD)
Units 1.0 (Information Systems Band 2
Co-requisite: CIS3010

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 their design-appropriate solutions. The design requires the production of accurate, understandable and efficient systems requirement documents using lifecycles which will maximize effective communication. Some typical business information systems will be studied.

CIS3025 MANAGEMENT OF INFORMATION SECURITY
(FBEFA - PGRD)
Units 1.0 (Information Systems Band 2
Co-requisite: CIS3010

There is an increased reliance on the Internet, networks, information systems and computing devices to access information to systems anywhere and anytime. Hence business professionals must have a good understanding of the vulnerabilities and threats to information systems and networks and the controls that prevent or limit the risks to an acceptable level. It is a goal of this course for business professionals to develop their skills and knowledge so that they can evaluate information security situations, identify specific threats, vulnerabilities, and clearly communicate and manage the risks. The ongoing commitment to effective information security including ethical and privacy considerations is also stressed in this course.

CIS3030 MANAGEMENT OF BUSINESS ANALYSIS
(FBEFA - PGRD)
Units 1.0 (Information Systems Band 2
Co-requisite: CIS3010 and CIS3020

This course focuses on developing key business analysis skills using object oriented methodologies, in particular the unified modeling language. Popular requirements analysis, and design specification methods are given equal emphasis. An essential part 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 understand the overall systems development lifecycle and contemporary approaches to systems design methodology, 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 and business in the sector are also studied.

CIS3030 MANAGEMENT OF INFORMATION TECHNOLOGY SERVICES
(FBEFA - PGRD)
Units 1.0 (Information Systems Band 2
Co-requisite: CIS3010

The IT Infrastructure Library (ITIL) and ISO/IEC 20000 are recognised as providing an effective framework for IT service management, and provides a set of requirements for a service provider to deliver managed services. The course provides students with the knowledge to successfully plan, design and implement such services. 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 personnel, management, staff and clients are identified. Planning and management of the functions and processes necessary for service design, service transition, service operation and continual service improvement are covered. Teamwork, verbal and written communication skills are also emphasised as important for the student's skill and knowledge portfolio.

CIS3000 GLOBAL INFORMATION SYSTEMS STRATEGY
(FBEFA - 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, to enable the organisation to plan, implement, 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 strategic, responsibilities and policies concerning investments in information systems will be addressed. Prevaling issues in information systems, such as green IT, ethical and social challenges, change management and information security, will also be examined. Formerly CIS3001.

CIS3002 ENTERPRISE PLANNING AND IMPLEMENTATION
(FBEFA - PGRD)
Units 1.0 (Information Systems) Band 2

This course introduces the building blocks of business systems within an information and communication technology (ICT) domain and provides essential skills in determining their implementation value to enterprises. This is done using approaches for researching, analyzing, designing and implementing enterprise-related applications in a range of contexts and internal and external journals. These skills are further applied to health information systems to reinforce the theoretical concepts learned in the course.

CIS3008 BUSINESS INTELLIGENCE
(FBEFA - PGRD)
Units 1.0 (Information 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 software tools such as a data mining tools, pivot tables and performance dashboards in an organisational context of decision making that is evidence based for enhanced business performance. The architecture, implementation, use, and practical application and use of business intelligence are considered in current and real life contexts.

CIS3009 MANAGEMENT OF BUSINESS INTELLIGENCE
(FBEFA - PGRD)
Units 1.0 (Networks and Communications) Band 2

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

CIS3010 INFORMATION SYSTEMS PROJECT MANAGEMENT
(FBEFA - PGRD)
Units 1.0 (Information Systems not elsewhere) Band 2

This course complements CIS2002 and an important focus is the development of key business analysis skills using object oriented methodologies, in particular the unified modeling language. Popular requirements analysis, and design specification methods are given equal emphasis. An essential part 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 understand the overall systems development lifecycle and contemporary approaches to systems design methodology, 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 and business in the sector are also studied.

CIS3001 DIGITAL INNOVATION
(FBEFA - PGRD)
Units 1.0 (Information Systems not elsewhere) Band 2

This course introduces the latest developments in Information Technology (IT) and provides students with the skills to design and manage information technology. This is done using a number of approaches for researching, analyzing, designing and implementing project management in information technology. These skills are applied in an approved area of IT development to enhance business, under minimum supervision.

CIS8018 STRATEGIC INFORMATION SECURITY
(FBEFA - 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 information 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. For these reasons 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.

CIS8010 DIGITAL ENTERPRISE
(FBEFA - PGRD)
Units 1.0 (Information Systems not elsewhere) Band 2

The aim of this course is to develop an overall understanding of the Digital Enterprise through an examination of concepts in technical, legal and ethical issues that impact on them both directly and indirectly. In addition to identifying many of the new challenges organizations face in managing this movement toward becoming a digital enterprise, the course adopts a perspective concerning learning about the underlying technologies that are the foundation of today's modern electronic commerce. This course provides the student with a deeper understanding and appreciation of the contentions and controversies of the emerging enterprise environments.
CIV12043 GEOLOGY AND GEOMECANICS (FHEC - UGRD)

Units 1.0 (Geotechnical Engineering) Band 2
Pre-requisite: CIV1501 or CIV1500 or Students must be enrolled in one of the following Programs: MENS or GCEN

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 the principles of soil mechanics. Geotechnical information affects engineering decisions in the design and planning stages because large scale engineering works have their foundations in rock or soil. Many projects, such as dams and pavements are also built from these materials. A working knowledge of geotechnically applied design is therefore limited only required by all engineers involved in highway and other structures who are also expected to the basic concepts of soil mechanics that are widely used in the design of geotechnical engineering structures. The course also includes soil consolidation and settlement of structures. Emphasis throughout this course relates to the application of these topics.

CIV2502 STRUCTURAL AND BUILDING TECHNOLOGY (FHEC - 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 common encountered areas of structural engineering and building technology. The course provides an overview of current building construction practice, embracing the structural, architectural and building services aspects. This is also the foundation to convey drawings via sketches and drawings as a necessary part of achieving a final result in engineering design.

CIV2503 STRUCTURAL DESIGN I (FHEC - UGRD)

Units 1.0 (Structural Engineering) Band 2
Pre-requisite: (ENG1100 and MEC2402) or (ENG1100 and CIV1501 or ENM1600 or MAT1102) or Students must be enrolled in one of the following Programs: GCEN or MEPR or GCNS or METC or MENS

This course is intended to provide students with a clear and thorough understanding of how to idealize and analyze simple structures such as trusses, beams, frames, and the like, and understand how the results of these analyses impact on the identification and the engineering significance of geological and environmental infomation affects engineering decisions in the design and planning stages. Slope stability analysis, retaining wall analysis, shallow foundations, embankments and substructure exploration are presented starting with classical methods and then gradually leading up to the stability analysis and the more general finite element methodology. Models 1 and 2 review the topics learnt in statics and stress analysis subjects. Module 3 deals with determinations of deflections and statically determinate beams. Models 4 and 5 introduce students to analysis of statically indeterminate structures by the classical methods. Module 4 introduces students to analysis of statically indeterminate structures by the force method. Slope deformation and moment distribution method, fault under the general category of displacement methods are presented in module 5. Module 6 to 8 cover the stability analysis method of displacement and statically determinate structures. Students will be introduced to structural analysis computer programs in these modules. Finally, module 9 introduces students to finite element modeling of structures. Finite element modeling of plane stress, plane strain, plate bending and axisymmetric problems using Strand finite element software package will be covered in this module.

CIV2506 CONSTRUCTION ENGINEERING (FHEC - UGRD)

Units 1.0 (Construction Engineering) Band 2
Pre-requisite: MATH1500 or ENM1500 and CIV1500 or Students must be enrolled in one of the following Programs: GCST or GCEN or MENS or METC or GCEN or MEPR or GCNS or MENS or MENS or METC or GCEN or MEPR or GCNS or MENS

Design and construction of roads impacts on almost all sectors of society. The design of a safe and efficient road network on an understanding of the factors that influence the behaviour of both the road user and the environment, including the role of the various stakeholders. Environmental factors, such as driver characteristics, traffic profiles and many other factors. The course introduces students to the concept of road location with particular emphasis on the design of the geometric elements of the road including horizontal and vertical alignment. Specific techniques for modelling and analyzing road performance are introduced. The design will be exam ined from the context of rural road design, however some application to urban roads will be considered. Theory is supported by the use of computer aided design and modelling packages.

CIV2507 ROAD DESIGN AND LOCATION (FHEC - UGRD)

Units 1.0 (Transport Engineering) Band 2
Pre-requisite: MATH1500 or ENM1500 or ENM1600 or Students must be enrolled in one of the following Programs: GCST or GCEN or MENS or METC or GCEN or MEPR or GCNS or MENS

CIV2508 Geotechnical Engineering

CIV2509 Geotechnical Engineering

CIV3505 STRUCTURAL ANALYSIS (FHEC - UGRD)

Units 1.0 (Structural Engineering) Band 2
Pre-requisite: MECH1400 and (MAT1600 or MAT1102) or Students must be enrolled in one of the following Programs: GCEN or METC or MENS or GCNS or MENS

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CIV3603 CONSTRUCTION METHODS (FHESC - UGRD)
Units 0.0 (Construction Engineering) Band 2
Pre-requisite: CIV2901 or CIV2902 or Students must be enrolled in one of the following Programs: ASCC or BCON or BEHR
This course covers the preliminary and on-site establishment of activities associated with commencing a construction job. It also deals with the structural behaviour of building systems and methods of construction, the production and use of common construction materials and discusses some elements associated with the construction of major infrastructure facilities.

CIV3700 ROAD AND STREET ENGINEERING (FHESC - HDRG)
Units 1.0 (Transport Engineering) Band 2
This course introduces the theory, principles and techniques of traffic engineering, with the focus on road traffic flow theory and analysis. The course content underpins the role of traffic theory; traffic, accident data collection and analysis; design, control and analysis of signalling in relation to traffic flow characteristics, vehicle performance and level of service, introduction to the public transportation system, and strategies for transportation system management.

CIV5704 CIVIL DESIGN PRACTICE (FHESC - HDRG)
Units 1.0 (Transport Engineering) Band 2
This course introduces students to the concept of structural analysis and the design of structures, including non-flexural reinforced concrete members using the structural design approach. The course introduces the principles and techniques of performance design and analysis to the post graduate level. More advanced concepts are explored in the areas of pavement material characterisation, mechanical pavement design, pavement evaluation and pavement maintenance.

CIV5705 PAVEMENT DESIGN AND ANALYSIS (FHESC - HDRG)
Units 1.0 (Transport Engineering) Band 2
This course presents various analytical computer tools for the design and analysis of various heavy-duty pavements. The course develops the principles and techniques of pavement design and analysis to the post graduate level. More advanced concepts are explored in the areas of pavement material characterisation, mechanical pavement design, pavement evaluation and pavement maintenance.

CIV5706 CIVIL MATERIALS PRACTICE (FHESC - UGRD)
Units 0.0 (Transport Engineering) Band 2
Pre-requisite: MECH1101 and ENG1101 or Students must be enrolled in one of the following Programs: AGGC or AGBQ or AGRF
This course will involve the student in an investigation of the range of materials commonly used in civil engineering. The characterization of materials and the development of standards for design will be considered. The student will test a range of materials in the laboratory to establish the properties of materials and the practical evaluation of test results will also form an important part of the course.

CIV5707 HORIZONTAL CURVING (FHESC - HDRG)
Units 1.0 (Transport Engineering) Band 2
Pre-requisite: CIV2508 or Students must be enrolled in one of the following Programs: AGGC or AGBQ or AGRF
This course is an advanced study of horizontal curves with a focus on the development of optimal horizontal alignments. It covers the design of horizontal curves, the determination of the required alignment parameters, and the generation of horizontal alignments that meet the needs of the proposed roadway.

CIV5708 BOTANICAL SCIENCES (FHESC - HDRG)
Units 1.0 (Atmospheric Sciences) Band 2
Pre-requisite: CIV2701 or Students must be enrolled in one of the following Programs: AGGC or AGBQ or AGRF
This course introduces the student to the fundamental principles of botany, including the structure and function of plants, the diversity of plant life, and the interactions between plants and their environment. It covers the basic concepts and theories of plant biology and their applications in the fields of agriculture, environmental science, and biotechnology.

CIV5710 OCCUPATIONAL HEALTH AND SAFETY (FHESC - HDRG)
Units 1.0 (Atmospheric Sciences) Band 2
Pre-requisite: CIV2701 or Students must be enrolled in one of the following Programs: AGGC or AGBQ or AGRF
This course is designed to provide students with an understanding of occupational health and safety principles and practices, as well as the legal and regulatory frameworks that govern workplace safety. It covers topics such as risk assessment, hazard identification, and control measures to prevent workplace accidents and injuries.

CIV5711 GLOBAL ENVIRONMENTAL STRATEGIES (FHESC - HDRG)
Units 1.0 (Atmospheric Sciences) Band 2
Pre-requisite: CIV2701 or Students must be enrolled in one of the following Programs: AGGC or AGBQ or AGRF
This course introduces students to the key concepts and strategies for addressing global environmental challenges, with a focus on the role of human intervention in shaping the built environment. It covers topics such as climate change, sustainability, and urban planning.

CIV5712 CLIMATE CHANGE AND SUSTAINABILITY (FHESC - HDRG)
Units 1.0 (Atmospheric Sciences) Band 2
Pre-requisite: CIV2701 or Students must be enrolled in one of the following Programs: AGGC or AGBQ or AGRF
This course explores the impact of climate change on the built environment and the role of sustainable design and planning in mitigating these effects. It covers topics such as sustainable building design, green infrastructure, and the integration of renewable energy systems.
CMG1001 INTRODUCTION TO CONSTRUCTION MANAGEMENT AND THE BUILT ENVIRONMENT (FHEC - UGRD)

Units 1.0 (Building Construction Management) 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 works within the built environment. Students of this course will be assumed to have a basic understanding of project management of building projects and basic technical drafting skills (including CAD).

CMG1002 RESIDENTIAL CONSTRUCTION: METHODS, MATERIALS AND MANAGEMENT (FHEC - UGRD)

Units 1.0 (Building not elsewhere classified) Band 2
Pre-requisite: CMG1001
Residential Construction - methods, materials and management course is designed to explain how single and two storey residences are constructed in Australia providing knowledge on methods of construction, materials used, and management strategies to achieve project success. The course is supported with a number of videos on mainly Australian residential construction projects.

CMG2001 JOB ORGANISATION (FHEC - UGRD)

Units 1.0 (Building Construction Management) Band 2
The course outlines the principles of modern civil engineering and building construction management, and develops skills in the taking of a number of common project management of construction estimates and the preparation of construction programmes. Aspects of contract super vision, and contract law, and the role of the architect, including the use of the Australian Standard General Conditions of Contract. The on-site supervision of construction is covered, including the aspects of job safety and industrial relations.

CMG3001 BUILDING AND CONSTRUCTION PROCUREMENT (FHEC - UGRD)

Units 1.0 (Construction Engineering) Band 2
Pre-requisite: CMG1001 and CMG2001
Graduate construction professionals need to be able to measure, estimate and control large construction and building works. This course seeks to develop the skills to effectively procure and control construction projects. Students of this course will be assumed to have a basic understanding and proficiency with contract law, construction management and mathematics.

CMG4001 CONSTRUCTION AND BUILDING SYSTEMS (FHEC - UGRD)

Units 1.0 (Transport Engineering) Band 2
Pre-requisite: CMG1001 and CMG2001 Students must be enrolled in GCEN
Graduate construction professionals need to understand the large array of construction management processes, techniques and systems that may be called upon to utilise in modern building and construction work. This course seeks to provide background information on the role of the construction manager and will assist the professional to be aware of the most efficient and effective techniques. Students of this course will be required to have prior understanding and knowledge of structural engineering design concepts and construction equipment common used on construction projects, through the successful completion of other program courses.

CMG4901 CONSTRUCTION MANAGEMENT PRACTICE (FHEC - UGRD)

Units 0.0 (Structural Engineering) Band 2
Pre-requisite: CMG4001
In this course, students will work as part of a team with other students to take over the running a small construction company for a period of two years, using the ARGOAL Simulated Software. During this time, students will gain business and behavioural issues will be as covered, including: the links between business strategy and project management, economic and financial differences in response to specific strategies for different functional areas of the business, such as finance, marketing, human resources and production; identifying and assessing business opportunity criteria; the role of leadership, teamwork, advocacy, and decision making in project formulation and pursuing achievable strategies; methods for enhancing leadership, teamwork, involvement and in decision making, and in project management, professional and ethical performance. Each team will take an on the basis of their research and practical experience, students are required to run the simulated business for the two year period and will be required to make presentations to the other teams. A final written report will be submitted at the end of the second year. Under this arrangement, the client will that the issues discussed in the above national.

CMS1000 COMMUNICATION AND SCHOLARSHIP (FBELA - UGRD)

Units 1.0 (Communication & Media Studies) Band 1
This course introduces the theory and practice of communication, with particular application to academic and professional 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 skills and strategies which can be used to overcome these barriers. Written and verbal communication, critical 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 (FBELA - UGRD)

Units 0.5 (General Nursing) Band 4
Co-requisite: MAT1008
The mission of this course is for students to develop effective communication 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, communi cation and academic practices which students need to develop and demonstrate if they are to be competent and effective, in the nursing discipline and in future professional nursing settings. In the course, students will develop their learning styles and critical practices, their information and academic and communication practices as well as their capacities to develop and structure academic arguments. Their capacities to identify and critically analyse as well as develop and present academic arguments are also covered. As well students will commence building their professional a-portfolio.

CMS1010 INTRODUCTION TO COMMUNICATION STUDIES (FBELA - UGRD) Bands 1

Units 1.0 (Communication & Media Studies) Band 1
This course is a foundation course in Communication Studies. It introduces students to the study of the range of communication texts, forms and systems. Students will apply major approaches to textual and discursive analysis and apply the key skills in communications scholarship and critical thinking. This course provides an introduction to topics and perspectives that are explored at a more advanced level in subsequent courses in the Communication and Media Studies major.

CMS1012 INTRODUCTION TO MEDIA STUDIES (FBELA - 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 ethics. 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, when relevant, students will be invited to hear from professionals from media industries.

CMS1100 COMMUNICATING IN THE SCIENCES (FBELA - 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 ethics. 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, when relevant, students will be invited to hear from professionals from media industries.

CMS2018 CULTURAL INDUSTRIES - CULTURAL ECONOMIES (FBELA - 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 audiences and markets within a globalised context. This course provides ways of critically engaging with the culture industries that may be useful to both consumers and professionals.

CMS2019 GLOBAL HOLLYWOOD (FBELA - UGRD) Bands 1

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 looks both at 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 (FBELA - UGRD) Bands 1

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 organisations and groups within civil society. The mechanisms by which communicative interactions contribute to social integration, maintainance or subversion of relations of dominance and subordination, privilege and disadvantage will be considered in the context of contemporary technological frameworks making explanatory claims with respect to these phenomena. The role of mass and alternative media in establishing and challenging relations of power will be examined in relation to debates about environmental sustainability, the implementation and adoption of policies relating to environmental, economic and social sustainability. The communication strategies of environmental social movements, and their use of social networking technologies and media will provide case studies for exploring theoretical developments in media and communication studies. Communication theories relating to propaganda, media effects, agenda setting and framing will also be explored. Students learn more advanced critical and re search literacy skills, building upon skills and knowledge developed in CMS1010.

CMS3001 GLOBAL CONFLICT COMMUNICATION (FBELA - UGRD) Bands 1

Units 1.0 (Communication & Media Studies) Band 1
This course explores global conflict communication from the perspec tive of individuals, local communities, nation states, global corporations, NGOs, and transnational agreements, treaties and nongovernmental, conflicts over resources such as minerals, energy, land and water; and consequences of pollution such as greenhouse emissions and toxic wastes. Are the at the heart of most global conflicts over resources in communication and media studies. This argument 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 understanding of the processes of communication and media. This course develops advanced critical research literacy skills that build upon knowledge and skills developed in CMG1010 and CMS2022.

CMS3031 NEW MEDIA (FBELA - UGRD) Bands 1

Units 1.0 (Communication & Media Studies) Band 1
This course explores key media developments, from the dawn of the Internet to the emergence of online gaming and social networking, and introduces theories of new media. The course covers students to develop a critical engagement with the media, but particularly with their roles as media consumers and, where relevant, producers.

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CMS6006 OZFILM: IMAGE AND INDUSTRY (MASTERS) (FHESC - UGRD)
Units 1.0 (Communication & Media Studies) Band 1
Pre-requisite: Students must be enrolled in the following Program: MAFA

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 study and their careers. Students will be expected to produce high quality documents. In addition to the above, students will learn about the ethical and legal aspects of computer use, including copyright, and the role of computers in our society. Issues involving privacy, information security, and the role of computers in our society. Issues involving privacy, information security, and the role of computers in our society will also be covered. Students must have access to the Internet.

CSC2402 OBJECT-ORIENTED PROGRAMMING IN C++ (FHESC - UGRD)
Units 1.0 (Programming) Band 2
Pre-requisite: CSC1401 or have experience using Linux systems or students must be enrolled in one of the following Programs: GDTI or GSCS or GCEN or GDET or METC or MCOT or MCTE or MCOP or MPIT or MSBN or MSMS

This course tests the student's basic procedural design and programming principles for object-oriented oriented design and programming. I.e. abstraction, inheritance, and polymorphism in the context of the objects. Key engineering principles such as decomposition and component re-use will also be emphasised.

CSC2406 WEB TECHNOLOGY 1 (FHESC - UGRD)
Units 1.0 (Systems Analysis and Design) Band 2
Pre-requisite: CSC1401 or Students must be enrolled in one of the following Programs: GDTI or GSCS or GCEN or GDET or METC or MCOT or MCTE or MCOP or MPIT or MCTN

This course covers the design and implementation of computer operating systems. The major components of operating systems: process management, memory management and file systems are covered in this course. The course uses the University of Southern Queensland's Linux Operating System to explore the major components of operating systems. Skills gained through this course will be readily transferable to other operating systems (including Windows and OSiG) and pro-gramming languages.

CSC2407 INTRODUCTION TO SOFTWARE ENGINEERING (FHESC - UGRD)
Units 1.0 (Systems Analysis and Design) not also Band 2
Pre-requisite: CSC1401 or Students must be enrolled in one of the following Programs: GDTI or GSCS or GCEN or GDET or METC or MCOT or MCTE or MCOP or MPIT or MCTN

In this course the student will gain an understanding of the methods, tools and procedures of software engineering. Methods covered in this course include the range of software life cycle models and software requirements analysis, design, development, configuration management, testing, documentation and maintenance of software. The standard system modelling and specification notations will be used throughout the course.

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CSC2408 SOFTWARE DEVELOPMENT TOOLS (FHESC - UGRD)
Units 1.0 (Systems Analysis and Design) Band 2
In this course, students will be introduced to a range of software development 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 (FHESC - 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-Relationship and the Higher Order Data Models. This course also includes an introduction to the topological design (where to put new links) and security (authenticating users and servers there should be), routing design (where traffic should be routed), and dimensioning (deciding how fast/many of the links switches, routers with confidence.

CSC2402 MOBILE INTERNET TECHNOLOGY (FHESC - UGRD)
Units 1.0 (Information Technology not only) Band 2
Pre-requisite: CSC3407 or Students must be enrolled in one of the following Programs: GDIT or GDSCI or GSCI or GDIT or METC or MCDT or MECC or MOCP or MPIT 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 and ARPS, and also the DiffServ standard for forwarding quality of service. Students will use the NS3 simulator (via a graphical user interface provided by the ns-3 project) to gain an understanding of these topics. The second topic treated is wireless communication as used in 3G and 4G mobile phones and the 802.11 standards for wireless LANs. The assessment for this undergraduate course consists of assignments and an end-of-semester examination. Note that post-graduate students may not enrol in this course but should take CSC4007 Wireless and Internet Technology instead.

CSC3426 WEB TECHNOLOGY 2 (FHESC - UGRD)
Units 1.0 (Information Technology not only) Band 2
Pre-requisite: CSC2409
This course builds on CSC2406 Web Technology 1 and conveys the essentials skills and knowledge required to create and maintain high quality web sites. It will cover web server setup and data management, as well as server-side programming of dynamically generated web sites. Course material may only be available via the Web. While the course will use PHP as the programming language for server-side scripting, previous programming experience is not required. However, experience in programming with a high level language (e.g. Javascript or others) is essential. Basic experience with using Unix/Linux is suggested.

CSC3427 SWITCHING, WIRELESS AND WAN TECHNOLOGIES (FHESC - UGRD)
Units 1.0 (Networks and Communications) Band 2
Pre-requisite: CSC3407 or Students must be enrolled in one of the following Programs: GDIT or GDSCI or GSCI or GDIT or METC or MCDT or MECC or MOCP or MPIT or MSBN or MSMS
This course addresses the basic principles of programmed lan
guages. It emphasizes the structure and the semantics of program
ing 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 good understanding of
semantics of programming languages as well as their implementation.

CSC3404 COMPUTER PROGRAMMING LANGUAGES (FHESC - UGRD)
Units 1.0 (Formal Language Theory) Band 2
Pre-requisite: CSC3402 or enrolled in CSC2402 at the same time as CSC3402 or Students must be enrolled in one of the following Programs: GDIT or GDSCI or GSCI or GDIT or METC or MCDT or MECC or MOCP or MPIT or MSBN or MSMS
This course addresses the layered structure of computer communica
tion networks. It focuses on networking basics, routers and routing basics and the protocols that operates TCP/IP protocol suite. Also, the course will have the students not only general knowledge about computer networks but also the understanding and practical skills of. coding and managing routers, design and deployment IPv4 and IPv6 addressing schemes as well as TCP/IP inter-networking.

CSC3412 SYSTEM AND SECURITY ADMINISTRATION (FHESC - UGRD)
Units 1.0 (Information Technology not only) Band 2
This course introduces students to the administration of computer
computer and network services. It covers system administration
tools and techniques, system initialisation, resource management,
backups, performance measurement, and network and security
administration. Further topics include document 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 (FHESC - UGRD)
Units 1.0 (Networks and Communications) Band 2
This course will provide the student with the following topics:
queuing theory; performance of communication networks including
measurement, modelling and analysis of network performance includ
ning reliability, packet loss, throughput and delay; and security:
architecture including layering of networking divides, queuing
dimensioning (deciding how many of the links switches, routers
and servers there should be), routing design (where traffic should
be routed). This course will also cover the design of 802.11 series of
standards for wireless LANs. In addition, the students will gain
an appreciation of the breadth of data science and the roles of big
data visualisations to conduct exploratory and confirmatory data
analysis. And will gain an appreciation of the breadth of data science
programming tools and methodologies. They will create data visualizations to communicate and confirmatory data
analysis. And will gain an appreciation of the breadth of data science
applications and their potential value across disciplines.

COMPUTING/MATHEMATICS/STATISTICS A
CSC8002 BIG DATA MANAGEMENT (FHESC - PGRD)
Units 1.0 (Computer Science not elsewhere) Band 2
Pre-requisite: CSC1401 and STA2300
This course is intended for students experienced in statistical analysis, experimental design, and basic systems design, and focuses on the coordination, management and utilisation of data using modern computer database management systems. This course, in essence, aims to shape the student's skill set to be a data analyst who can start a data-driven project and know how to proceed and where to find the right resources.

CSC8003 MACHINE LEARNING (FHESC - PGRD)
Units 1.0 (Computer Science not elsewhere) Band 2
Pre-requisite: STA2300 and CSC1401
Machine learning is the science of getting computers to perform
tasks that would normally require human intervention. Machine
teaching has given us face and speech recognition, recommender
systems for music or movies, self-driving cars, effective web
search, and a vastly improved understanding of the human genome.
Machine learning is so pervasive today that people probably use
dozens of times a day without knowing it. In this course, students
will learn the most effective machine learning techniques from a
variety of perspectives. Students will also gain practical experience
implementing the machine learning techniques and getting them to
work for problem solving. More importantly, students will learn
about the fundamental underpinnings of learning, but also gain the practical know-
how to quickly and powerfully apply these techniques to new prob-
lems.

CSC8004 DATA MINING (FHESC - PGRD)
Units 1.0 (Computer Science not elsewhere) Band 2
Pre-requisite: STA2300 and CSC1401
Data mining aims at finding useful regularities or patterns in large
data sets generated in modern management and science. This course
covers the main data mining methods, including clustering, classifi-
cation and association rules, and recent techniques for data mining.
The methods are developed and applied to various data sets.

CSC8407 WIRELESS AND INTERNET TECHNOLOGY (FHESC - PGRD)
Units 1.0 (Computer Science not elsewhere) Band 2
Pre-requisite: STA2300 and CSC1401
This course builds on CSC2406 Wireless Technology 1 and conveys
the essentials skills and knowledge required to create and maintain
high quality web sites. It will cover web server setup and data
management, as well as server-side programming of dynamically
generated web sites. Course material may only be available via the Web.

Pre-requisite or Co-requisite: CSC1401 and STA2300
This course introduces wireless LANs as a tool to provide segmentation,
flexibility and security of LANs. Link redundancy and aggregation are
introduced to enhance the robustness of LANs. Network Address
Translation to discuss implications of the Internet Protocol Version 4 (ipv4)
network address space. It also focuses on WAN technologies which open
geographical areas. After completion of this course, the students will be able to select and apply pertinent WAN technologies; handle switches; routers and wireless
networks with confidence.

COMPUTING/MATHEMATICS/STATISTICS A
CSC8410 INDEPENDENT STUDIES IN COMPUTER ENGINEERING/STATISTICS A (FHESC - PGRD)
Units 1.0 (Computer Science not elsewhere) Band 2
Pre-requisite: Students must have completed CSC2406 Web Technology 1 and conveyed the knowledge of the topics in the 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 Course Coordinator before enrolling.

CSC8411 INDEPENDENT STUDIES IN COMPUTER ENGINEERING/STATISTICS A (FHESC - PGRD)
Units 1.0 (Computer Science not elsewhere) Band 2
Pre-requisite: Students must be enrolled in one of the following Programs: MOCP or MPIT or MCDT or MECC or MSCI or MSCI or MSBN or MCSI or MSIT or MCTE
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 specialised investigations
covering advanced knowledge and skills in a certain area. The studies
could involve, for example, directed readings, extension of a project
where students have demonstrated interest or a related activity which
would complement the student's studies in the program. It is also envisaged that this course could offer an extended 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 Postgraduate
courses and Research Coordinator. Students must discuss their enrol-
ment in this course with their Program Coordinator before enrolling.
CSC8415 COMPUTER NETWORK PROGRAMMING (FHESC - 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 MSSC or MENC or MEPR or MENS or METC or MSST or MCTN
This course introduces aspects of programming language translation and the use of compilers and interpreters. It covers the fundamentals of compiler design, including lexical analysis, parsing, and code generation. The course also covers advanced topics such as optimization techniques.

CSC8421 NETWORK SECURITY (FHESC - 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 MSSC or MENC or MEPR or MENS or METC or MSST or MCTN
This course covers the basics of network security, including confidentiality, integrity, and availability. It also includes an overview of security protocols and standards such as SSL/TLS and SSH.

CSC8426 ADVANCED WEB TECHNOLOGY (FHESC - PGRD)
Units 1.0 (Information Technology not elsewhere) Band 2
Pre-requisite: CSC2406 and Students must be enrolled in one of the following Programs: MCOP or MPIT or MCOT or MCTE or MSSC or MENC or MEPR or MENS or METC or MSST or MCTN
This course builds on CSC8426 Web Technology and is designed for students who wish to gain a deeper understanding of web technologies. It covers topics such as server-side scripting, database connectivity, and user interface design.

CSC8417 ADVANCED WEB DATA MANAGEMENT (FHESC - 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 MSSC or MENC or MEPR or MENS or METC or MSST or MCTN
This course covers the advanced topics in web data management, including web services and web mining. It also includes an introduction to web databases and web content management systems.

CSC8419 CRYPTOGRAPHY AND SECURITY (FHESC - 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 MSSC or MENC or MEPR or MENS or METC or MSST or MCTN
This course provides a comprehensive introduction to cryptography and its applications. It covers both symmetric and public-key cryptography, and includes an overview of cryptographic protocols.

CSC8420 MOBILE SYSTEMS (FHESC - 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 MSSC or MENC or MEPR or MENS or METC or MSST or MCTN
This course covers the design and implementation of mobile applications on various platforms. It includes topics such as user interface design, network programming, and location-based services.

CSC8500 ADVANCED RELATIONAL DATABASE DESIGN AND TECHNOLOGY (FHESC - PGRD)
Units 1.0 (Database Management) Band 2
Pre-requisite: Students must be enrolled in one of the following Programs: GDIT or GSCN or GDSI or MSCN or GCSC or MCTN
This course covers the fundamentals of relational database management systems, including data modeling, query processing, and transaction management.

CSC8503 PRINCIPLES OF PROGRAMMING LANGUAGES (FHESC - PGRD)
Units 1.0 (Formal Language Theory) Band 2
Pre-requisite: CSC2402 or enrolled in CSC2402 at the same time as this course. Students must be enrolled in one of the following Programs: GDIT or GSCN
This course covers the basic principles of programming languages, including syntax, semantics, and type systems. It also includes an introduction to practical programming languages and their implementations.

CSC8507 NETWORKING TECHNOLOGIES (FHESC - PGRD)
Units 1.0 (Networks and Communications) Band 2
Pre-requisite: Students must be enrolled in one of the following Programs: GDIT or GSCN
This course addresses the layered structure of computer communication networks. It covers topics such as network protocols, routing, and network security.

CSC8512 ADVANCED SYSTEM ADMINISTRATION (FHESC - PGRD)
Units 1.0 (Information Technology not elsewhere) Band 2
Pre-requisite: Some experience with a Unix Operating System and Students must be enrolled in one of the following Programs: GDIT or GSCN
This course introduces students to the administration of computer systems and computer networks. It covers topics such as network policies, backup systems, and data recovery.

CSC8513 NETWORK PERFORMANCE ANALYSIS (FHESC - PGRD)
Units 1.0 (Networks and Communications) Band 2
Pre-requisite: Students must be enrolled in one of the following Programs: GDIT or GSCN
This course covers the following subjects: queuing theory, performance of computer systems, network monitoring, and network management. It includes topics such as network performance measurement, network troubleshooting, and network administration.

CSC8600 ADVANCED RELATIONAL DATABASE DESIGN AND TECHNOLOGY (FHESC - PGRD)
Units 1.0 (Database Management) Band 2
Pre-requisite: Students must be enrolled in one of the following Programs: GDIT or GSCN or GDSI or MSCN or GCSC or MCTN.
This course covers the fundamentals of relational database management systems, including data modeling, query processing, and transaction management.
CSC8527 SCALING AND CONNECTING NETWORKS (FHCSC - PGRD)
Units 1.0 (Networks and Communications) Band 2
Pre-requisite: CSC8427 or CSC8587 and Students must be enrolled in one of the following Programs: GDT or GCSC or MCTN (Applicable Data Streams).
This course introduces virtual LAN as a tool to provide segment flexibility and security of local area networks. Access control lists are now provided 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 various LAN technologies which spans large geographic areas. After completion of this course, the student will be able to design and implement WLAN technologies; describe and select appropriate WLAN technologies; relate design decisions to the properties of the performance of networks, handheld switches, routers and wireless routers with confidence and trust for wireless networks.
CSC8600 ADVANCED ICT PROFESSIONAL PROJECT (FHCSC - PGRD)
Units 1.0 (Information Technology not else) Band 2
Pre-requisite: CIS8380 and Students must be enrolled in one of the following Programs: GDT or GCSC or MCTN (Applicable Data Streams).
The course aims to provide students with a simulated real-world environment in which, in students would understand themselves as members of a team to provide effective strategies to team-building and related problem solving. A key focus is to help students to understand the management of the project team and the team and individual roles within such an environment. The course also helps students to consider the teamwork principles that are core to developing their problem solving and communication skills.
CWR101 WRITING GOOD PROSE (FBEA - UGRD)
Units 1.0 (Writing Communication) Band 1
Writing effective prose is an essential skill for all students, as well as a gateway to a wide range of fields. This course will help you with an introduction to the fundamentals of expression in written language. This unit is available in the first semester of your first year to ensure that you have the necessary writing skills and techniques. The course covers the principles of writing, reading and editing works of short fiction and non-fiction suitable for publication in professional speculative fiction markets.
CWR2002 WRITING ABOUT PLACES (FBEA - UGRD)
Units 1.0 (Writing Communication) Band 1
Pre-requisite: CWR1101
Effective and engaging narrative writing depends (among other things) on a clear and effective choice of setting, whether that place is real or imagined. In this course, you will explore a range of genres and forms through the lens of place, focusing on how professional writers work a scene form the very beginning, from knowing or describing the world, to the completion of a significant chunk of your book. The course will be taught drawing on a wide range of works, including your own, and will gain personalised feedback on your work in progress from the leading experts and writing coaches from your peers. The course will be drawing on the skills you already have as a writer, deepening and broadening your understanding of writing and narrative in forms and genres, including nature writing, travel writing, and works of speculative or imaginative fiction.
CWR3001 WRITING SPECULATIVE FICTION (FBEA - UGRD)
Units 1.0 (Communication and Media Studies) Band 1
Pre-requisite: CWR1101 Writing Good Prose and CWR2001 Fairytale and Other Forms
Speculative fiction extends readers understanding of themselves and the world in which they live through imagining different worlds or cultures that are better (or worse), brighter (or darker) and stranger than our own. Works of speculative fiction hold a mirror up to our world, confronting and warping our assumptions about race, class, and gender, but also reflecting and subverting various ways of knowing or describing the world. Inviting us to question our settled ideas about science and scientific enquiry, for example, or about faith and religion, language and what it is to be alive (or dead). In this course, you will explore the genre of speculative fiction; a collective term for a range of different types of genre fiction that includes (but is not limited to) science fiction, fantasy, horror and alternative history. You will read and write speculative fiction works, focusing on short fiction, as well as engaging with contemporary debates within the broad field of speculative fiction (SFH) community.
CWR5000 WRITING DIALOGUE FOR PERFORMANCE (FBEA - PGRD)
Units 1.0 (Writing Communication) Band 1
Writing effective dialogue is the cornerstone of writing powerful and emotionally engaging performance scripts. This course provides you with an in-depth exploration of how to write dialogue to develop character, drive story, and develop subtext. During the course, you will be engaged in developing your own skills as a writer of dialogue through producing a range of texts, including a pitch for a series, scenes for a pilot episode of a series, and (as part of a small group) a script. The focus in the course is on producing works that demonstrate an awareness of the marketplace for broadcast and performance scripts, particularly for radio, television, stage and online performance.
CWR5002 WRITING WITH LIGHTS, IMAGE AND SOUND (FBEA - PGRD)
Units 1.0 (Writing Communication) Band 1
Writing effective scripts requires more than writing good dialogue. It requires an understanding of the script as a template for a dynamic performance involving a range of images, movements, and sounds. This course provides an introduction of how to write scripts that make effective use of non-verbal elements to develop character, express emotion, drive story, and develop subtext. During the course, you will be engaged in developing your own skills as a scriptwriter through producing a range of texts, including a pitch for a series, scenes for a pilot episode of a series, and (as part of a small group) a script. The focus in the course is on producing works that demonstrate an awareness of the marketplace for broadcast and performance scripts, particularly for radio, television, stage and online performance.
CWR5003 COLLABORATIVE WRITING PRACTICE (FBEA - PGRD)
Units 1.0 (Writing Communication) Band 1
One of the most interesting and exciting aspects of being a professional writer is working collaboratively with other writers, in either formal or informal settings or with other skilled practitioners. This course provides you with an understanding of the character, processes, and roles required when working collaboratively with other writers, and with other practitioners. In this course, you will be supported in developing your skills as a creative collaborator in a writing-related medium (such as one of the broadcast or performance arts), and in your professional and creative arts practice. You will work collaboratively with a team of other writers and/or other skilled practitioners to produce a major work. The nature of the work will be generated by the skills you bring to the work, and the means you choose to work in: you will be encouraged to be innovative and creative in adapting and realising your group's major work.
CWR8001 ADVANCED WRITING WORKSHOP MASTERS (FBEA - PGRD)
Units 1.0 (Writing Communication) Band 1
Pre-requisite: Students must be enrolled in the following Program: GDT or GCSC or MCTN (Applicable Data Streams).
This workshop-based course is designed to support you in making significant progress on a book-length writing project. The course will take students from the design and plannig stage right through to the completion of a significant chunk of your book. The course is taught drawing on a wide range of works, including your own, and will gain personalised feedback on your work in progress from the leading experts and writing coaches from your peers. The course will be drawing on the skills you already have as a writer, deepening and broadening your understanding of writing and narrative in forms and genres, including nature writing, travel writing, and works of speculative or imaginative fiction.

The course is divided into two modules. During the first module, you will be engaged in developing your own skills as a writer of dialogue through producing a range of texts, including a pitch for a series, scenes for a pilot episode of a series, and (as part of a small group) a script. The focus in the course is on producing works that demonstrate an awareness of the marketplace for broadcast and performance scripts, particularly for radio, television, stage and online performance.

Consult the Handbook on the Web at http://www.usq.edu.au/handbook/current for any updates that may occur during the year.
DCA9000 RESEARCH METHODS IN CREATIVE ARTS (FBELA - RSCH)
Units 2.0 (Creative Arts not elsewhere cl) Band 1
Pre-requisite: Students must be enrolled in the DCA Program
Embedded within the course content will be the theme of student self-regulation of studying and learning. This course is designed around the acquisition of effective academic self-efficiency associated with practice-led research.

DIP1001 ACADEMIC AND PROFESSIONAL ENGLISH (OAC - UGRD)
Units 1.0 (Language and Literature not elsewhere cl) Band 1
Pre-requisite: Students must be enrolled in the DCA Program
This course will provide instruction on the standard of English demanded by faculties and professional organisations. It will aim to improve grammar, sentence structure, topical arguments and the use of persuasive argument in essays and analytical writing. This course will also teach technical grammatical structures as well as other language strategies necessary for successful transition into contemporary university study. The course material will be developed by the students and will serve as a guide to self-regulation of studying and learning. This course is designed around the acquisition of effective academic self-efficiency associated with practice-led research.

DIP1002 STRATEGIES FOR SUCCESSFUL STUDY (OAC - UGRD)
Units 1.0 (Mathematical Sciences not elsewhere cl) Band 2
This course introduces the scope, purpose and strategies associated with effective study in mathematics. It will equip students to study mathematics in their own resources and how to learn in a purposeful, organised and efficient way. The course will make the student aware of false logic and bias in printed materials. Embedded within the course content will be the theme of student self-regulation of studying and learning. This course is designed around the acquisition of effective academic self-efficiency associated with practice-led research.

DIP1003 ESSENTIAL MATHEMATICS (OAC - UGRD)
Units 1.0 (Mathematical Sciences not elsewhere cl) Band 2
Unit is the basic level base course that will provide students with the core knowledge and skills in algebraic reasoning, problem solving and study skills. Embedded within the course content will be the theme of student self-regulation of studying and learning. This course is designed around the acquisition of effective academic self-efficiency associated with practice-led research.

DIP1004 MATHEMATICAL LITERACY (OAC - UGRD)
Units 1.0 (Mathematical Sciences not elsewhere cl) Band 2
This 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 inco gnition of learning integrates the acquisition and organisation of knowledge and understanding of learning with life skills. By focussing students' attention on the study and learning processes, individuals are made aware of their competencies and of the learning strategies necessary for successful transition into university study. The course material will be developed by the students and will serve as a guide to self-regulation of studying and learning. This course is designed around the acquisition of effective academic self-efficiency associated with practice-led research.

DIP1005 E-LITERACY FOR CONTEMPORARY SOCIETY (OAC - UGRD)
Units 1.0 (Information Technology not elsewhere cl) Band 2
This 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 inco gnition of learning integrates the acquisition and organisation of knowledge and understanding of learning with life skills. By focussing students' attention on the study and learning processes, individuals are made aware of their competencies and of the learning strategies necessary for successful transition into university study. The course material will be developed by the students and will serve as a guide to self-regulation of studying and learning. This course is designed around the acquisition of effective academic self-efficiency associated with practice-led research.
The economic analysis of the law provides a unified vision of the law, and demonstrates the relevance of viewing legal rules from an economic framework with which to model legal outcomes by bringing together mental economic concepts and tools of economic analysis. Concepts (FBELA - UGRD) ECO3033 LAW AND ECONOMICS and market-based approaches are explored in an effort to protect the essence of economic perspectives. Both regulatory and orthodox models. The ways in which behavioural models may inform business decisions and strategy are explored in several common business contexts.

ECO3030 SUSTAINABLE ECONOMIES (FBELA - UGRD) Units 1.0 (Economics) Band 3 This course introduces students to a way of thinking about environmental 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 sustainability concerns, and the fundamental characteristics of an economic approach to environmental problems and their assessment. Both macro and microeconomic principles and their application are covered, as is the essence of economic perspectives. Both regulator and market-based economic concepts which explain, in part, why this approach to environmental problems and their assessment is necessary.

ECO6090 BUSINESS IN THE INTERNATIONAL ECONOMY (FBELA - PGRD) Units 1.0 (Economics) Band 3 This course is concerned 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 emphasis placed on international business strategy, economic integration and globalisation. Key aspects of doing business overseas including multinational corporate activities are reviewed, emphasising international business strategies. This course will develop a broad vision of international business and its likely future challenges as well as practical skills in strategic analysis. Former MGT6000.

EDC1100 LIFESPAN DEVELOPMENT AND LEARNING (FBELA - PGRD) 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 family and educational settings, peer group and community environments, will be explored. Students will be encouraged to reflect critically on theories of development and learning as applied to developmental practices across a variety of learning contexts and curriculum areas to selected theories of curriculum and (at times contested) notions of social competencies appropriate to the learning context, and 5. develop positive relations with learners, 4. facilitate the acquisition of knowledge and experience through Indigenous and Torres Strait Islander cultures and projections for the future. The aim of presenting an Indigenous Australian perspective is to try to achieve sustainable development and how businesses and government intervention in markets is an integral element in the drive for sustainable development and economy is heading. This will particularly include examining the market-based economic concepts which explain, in part, why this approach to environmental problems and their assessment is necessary.

EDC1300 PERSPECTIVES IN EDUCATION (FBELA - UGRD) Units 1.0 (Teacher Education) Band 5 This course will simulate inquiry into foundational ideas of education. Students will be exposed to historical and philosophical perspectives and will analyse how these theories connect to the broad range of contemporary education settings and practices. This course will also examine and critically evaluate the impact of knowledge and technologies that influence the contemporary teacher. This course will equip students to think critically, creatively and reflectively about key ideas of education and willing engage students in inquiry into the ethical implications of these ideas. 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 ONLINE offering and advised of this change before semester commences.

EDC1400 FOUNDATIONS OF CURRICULUM AND PEDAGOGY (FBELA - UGRD) Units 1.0 (Teacher Education) Band 5 This course develops understanding of different philosophical approaches, including sector specific areas, ranging from understandings of play and pedagogy through to the concept of learning. Students will be exposed to historical and philosophical perspectives and will analyse how these theories connect to the broad range of contemporary education settings and practices. This course will also examine and critically evaluate the impact of knowledge and technologies that influence the contemporary teacher. This course will equip students to think critically, creatively and reflectively about key ideas of education and willing engage students in inquiry into the ethical implications of these ideas. 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 ONLINE offering and advised of this change before semester commences.

EDC2100 MANAGING SUPPORTIVE LEARNING ENVIRONMENTS (FBELA - 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 knowledge and experience through Indigenous and Torres Strait Islander cultures and projections for the future. The aim of presenting an Indigenous Australian perspective is to try to achieve sustainable development and how businesses and government intervention in markets is an integral element in the drive for sustainable development and economy is heading. This will particularly include examining the market-based economic concepts which explain, in part, why this approach to environmental problems and their assessment is necessary.

EDC2200 INDIGENOUS PERSPECTIVES (FBELA - 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 the Indigenous Australian perspective is to correct the imbalance in knowledge and understanding of Australian history which has predominated since invasion. In the first third of the course, Indigenous Australian perspectives will be introduced, with emphasis placed on understanding the Indigenous Australian experience, and the growing recognition of the importance of natural resources and the environment in economic policy decision making. Government intervention in markets is an integral element in the drive for sustainable development, and managers as well as individuals should be aware of the importance of these principles. Policy tools can be categorized in three groups: decentralized policies such as liability laws, property rights and voluntary action; command and control strategies such as standards and regulations; and market-based programs such as taxes, subsidies and tradable pollution permits. Important examples of these policies in Australia in 2013 are the mineral resource rent tax and the carbon market. This course examines the nature and impact of each of these policies, discusses criteria for evaluating their effectiveness in achieving their goals, and considers their appropriateness for particular aspects of sustainable development.

ECO3010 INTERNATIONAL ECONOMICS AND TRADE (FBELA - UGRD) Units 1.0 (Economics) Band 3 National economies cannot function well in isolation from incidents in other national economies; global interdependence now characterizes national and international affairs. In this course, the issues of international economics and international trade are widely discussed for better understanding of trade and economic relations among the nations as well as barriers and opportunities of trade and investment flows. Students will develop a broad vision of international economics and its likely future challenges as well as practical skills in strategic analysis.
EDC2300 ASSESSMENT AND REPORTING (FBELA - 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 and effectively evaluate and communicating appropriate and professional judgements across contexts to various stakeholders. 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 ONLINE offering and advised of this change before semester commences.

EDC4200 DIVERSITY AND PEDAGOGY (FBELA - UGRD)

Units 1.0 (Teacher Education) Band 5

This course is designed to assist educators to develop their pedagogical awareness and skills so that they are best placed to cater for the diverse needs of their students. Students will participate in a broad range of learning contexts, such as the diverse learning needs of Aboriginal and Torres Strait Islander students, whilst considering the contexts of learning and teaching for students with disabilities and students from diverse backgrounds. Students will have opportunities to collaborate in diverse learning environments, to consider the diverse needs of students and to reflect on and develop teaching strategies and approaches to support all students to achieve their learning goals. Students will develop skills in planning, implementing long term plans and associated assessment activities for diverse groups in contemporary education and community locations.

EDC3100 ICT AND PEDAGOGY (FBELA - UGRD)

Units 1.0 (Teacher Education not elsewhere) Band 5

Pre-requisite: (EDP2111 and EDP2220) or (EDE2101 and EDE2102) or (EDC3100 and EDS4301) or (EDC3100 and EDC2025) or (EDC2041 and EDC2024)

Students will engage with the design and delivery of learning expert eportfolios. Students will develop e-portfolios employing a range of developmentally 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 opportunities to plan, implement and reflect upon their developing ICT pedagogy. Resources developed throughout the course may be selected by students for inclusion in their digital portfolios, which will create a coherent program as evidence of their learning. 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 ONLINE offering and advised of this change before semester commences.

EDC4000 PROFESSIONAL PLACEMENT AND PORTFOLIO (FBELA - UGRD)

Units 1.0 (Teacher Education) Band 5

Pre-requisite: (EDE3100 and EDS3330 and EDC1380) or (EDE1000 and EDS4401) or (ECS1100 and EDC4440)

Students will seek the authorisation of a host site to undertake 20 day professional placement. In Queensland schools this will also require the procurement of a placement site from the Queensland College or Teachers. Equivalent placements 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 approved placement process. In schools or other settings students will each undertake lead responsibility for teaching or equivalent to 50% of the normal load of a full time equivalent teacher. For the remainder of the placement period student teachers will be expected to engage fully in the learning and teaching processes under the supervision of their mentor teacher. This will inclue the full repertoire of practice in which educators engage in schools and the early childhood community. Students will also draw on prior learning and experiences that inform their personalised framework of professional practice and document these connections through a personalised e-portfolio.

EDC2010 PLAY AND PEDAGOGY I (FBELA - UGRD)

Units 1.0 (Teacher Education: Early Child) Band 5

Pre-requisite: EDC1400 or EDP2101

This course will introduce play as a vehicle for learning and seeks to introduce students to the development of play practice in early childhood contexts. This course considers play in a developmental perspective and investigates types of play, general patterns of play, general characteristics of meaningful and appropriate play materials. The course also considers the creation of motivating and challenging play environments and the ways that learning and inquiry develop through play. Aspects such as gender and culture are also considered in prior learning. Students will be required to plan and implement a play based learning experience designed to assist with individual career commencement. It will provide students with an opportunity to consolidate and apply their classroom based knowledge and skills in a real world setting. Students will be required to complete a 10 day Professional Experience practicum 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 ONLINE offering and advised of this change before semester commences.

EDC2011 EARLY CHILDHOOD EDUCATION CONTEXTS (FBELA - UGRD)

Units 1.0 (Teacher Education: Early Child) Band 5

Pre-requisite: EDC1400 or EDC1401

This course presents an introduction to the theory and practice of developing effective learning environments for young children and their families. Students study the socio-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 perspectives and the concomitant relationship that enables and constrains different philosophical and pedagogical approaches. 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 ONLINE offering and advised of this change before semester commences.

EDC2021 DEVELOPMENT AND LEARNING: BIRTH - 8 (FBELA - 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 early childhood from the prenatal period to eight years of age. Knowledge of context, their impact on individual development, and an awareness of the interrelationships between each area of development is necessary in order to develop an understanding of how children think and learn. This course also explores a range of observation 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.

EDC3009 PROFESSIONAL PRACTICES IN EARLY CHILDHOOD (FBELA - UGRD)

Units 1.0 (Teacher Education: Early Child) Band 5

Pre-requisite: EDE2101 and EDE2102

This course will introduce beginning early childhood educators to the range of employment and management issues which will be expanded in a subsequent administration course and will offer professional development which is 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 development and advocacy. This course will also focus attention on professional self-nursethood. A 10 day Professional Experience practicum is required in this course.

EDC3103 PLAY AND PEDAGOGY II (FBELA - UGRD)

Units 1.0 (Teacher Education: Early Child) Band 5

Play resides as a central theme within the course, and students ex plore regular curriculum. To this end, they are engaged in exploring children’s thinking and communication, to develop in-depth skills in planning, implementing and interpreting 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 core, early years contexts. The nature of the ‘integrated curriculum’ is examined, both theoretically, and in its practical application, in both in Australia and internationally. Students examine a range of curriculum traditions, and their application to recent reconstructions in 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 ONLINE offering and advised of this change before semester commences.

EDC4010 LEADERSHIP AND MANAGEMEN in EARLY CHILDHOOD (FBELA - 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 and of 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 ONLINE offering and advised of this change before semester commences.

EDC4102 CROSS-CULTURAL COMMUNICATION IN EARLY CHILDHOOD (FBELA - 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 language teaching pedagogy, including second language teaching, ESL development, ESOL development, and the role of professional experience placements. The nature of effective language teaching will be reviewed, and the ways in which the educational, psychological and sociolinguistic factors may impact on second language outcomes in the classroom and in the school community. 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 develop 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 ONLINE offering and advised of this change before semester commences.

EDC4103 MULTILEVEL EARLY CHILDHOOD PEDAGOGY AND CURRICULUM (FBELA - UGRD)

Units 1.0 (Teacher Education: Early Child) Band 5

This course will provide practical frameworks for making curriculum effective and meaningful for children in the early years of school. Students will learn to support 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 involve an in-depth and critical examination of curriculum documents and related literature. Students will also develop skills in planning and implementing effective learning environments for young children and planning and implementing appropriate educational opportunities in early childhood. Access to a child aged from birth to eight is required to complete the assessment for this course.

EDG3000 DESINGING FOR DIVERSITY (FBELA - UGRD)

Units 1.0 (Teacher Education not elsewhere) Band 5

Pre-requisite: (EDG2020 or EDG5000) and EDG2401

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 learn to design, develop and implement long term plans and associated assessment activities to meet the needs of diverse groups. Strategies for the education and support of language learners in mainstream and special education contexts are involved. The skills, attitudes and behaviours that promote effective collaboration and the development of culturally diverse student communities are developed. The course provides for 25 days of professional attachment to an identified school.
EDG5000 DESIGNING FOR LEARNING (FBELA - UGRD)
Units 1.0 (Teacher Education not elsewhere) Band 5
Pre-requisite: Students must be enrolled in one of the following Programs: GDTL or GDTO
This innovative course introduces students to the 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 amongst learners. The course aims to provide opportunities for students to develop theoretical understanding of teaching skills and pedagogical content knowledge through systematic reflection: the integration of assessment of learning and formative assessment, learning and teaching. The course provides for 15 days of Professional Experience to an identified school.

EDH1150 SOCIOCULTURAL FOUNDATIONS OF SPORT AND PHYSICAL ACTIVITY (FBELA - UGRD)
Units 1.0 (Teacher Education) Band 5
This course aims to provide students with the opportunity to understand and analyse issues related to sociocultural foundations of sport and physical activity and to become increasingly reflective and independent learners. These issues range from historical, anthropological, sociological, cultural, philosophical and critical perspectives. It is expected that you will develop skills in a range of understandings and values that will enable you to participate in and contribute to sport and physical activity issues within the wider and complex social environment of Australia and beyond. This course will provide the opportunity to explore other forms of physical activity as microcosms of a larger community and as such represent and emphasise the dominant ideologies of that community. The opportunity for active participation in the course is provided through reflection on personal experiences and acquired knowledge through discussion forums and feedback sessions.

EDH2510 PRACTICAL STUDIES IN SPORT AND PHYSICAL ACTIVITY (FBELA - UGRD)
Units 1.0 (Teacher Education) Band 5
This practically based course seeks to provide the opportunity for students to participate in a variety of physical activity experiences and gain an understanding of the principles of participation while learning to participate effectively in a variety of physical activity experiences while participating in these for the social, emotional and physical benefits and be able to engage in a variety of the experiences available to them in a variety of contexts. The course aims to provide opportunities for students to develop theoretical and practical understanding of teaching skills and pedagogical content knowledge through systematic reflection: the integration of assessment of learning and formative assessment, learning and teaching. The course provides for 15 days of Professional Experience to an identified school.

EDH2254 PEDAGOGY IN SPORT, HEALTH AND PHYSICAL EDUCATION (FBELA - UGRD)
Units 1.0 (Education Studies) Band 5
Pre-requisite: EDH2152
The course is designed for HPE teachers, Sports Coaches, Personal Trainers and associated Sports Professionals, to focus on the development of an extended knowledge base in both teaching and learning. The course will focus on the nature of Sport, Health and Physical Education and the relationship of a range of factors to teaching and learning. This course is focused on presenting an intermediate level of knowledge and understanding of the key issues in the field of Sport and Physical Education. It will be assessed and evaluated. Students will examine traditional and contemporary pedagogical approaches to teaching and learning in Sport, Health and Physical Education through multiple and varied learning experiences. This course will explore the learning experience as well as personal practical experiences for teaching and learning in Sport, Health and Physical Education contexts. This course seeks to encourage the development of knowledge and understanding of the new approaches to coaching, teaching and coaching, and reshaping of current practices in light of relevant research.

EDH2155 ADVANCED CURRICULUM STUDIES IN SPORT AND PHYSICAL EDUCATION (FBELA - UGRD)
Units 1.0 (Education Studies) Band 5
Pre-requisite: EDH2523
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 education, health, education, education, physical fitness, 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 related to part-time experience and class exercises. The opportunity will be provided in the assessments that are designed to specialise within certain discipline areas and undertake tasks of particular interest.

EDH2526 SPORTS ORGANISATION MANAGEMENT AND COACHING (FBELA - UGRD)
Units 1.0 (Education Studies) Band 5
Pre-requisite: EDH2526
Sport and physical play are important roles within Australian society. This course focuses on the development of knowledge and skills relating to the organisation, management and conduct of sporting and other activity programs. Opportunity is also provided to complete studies related to coaching, officiating and/or sports administration to provide for a wider range of skills and expertise. This course also seeks to provide the opportunity to engage in a variety of physical activities and the opportunity to assist with planning and teaching activities and attend and participate in carnivals and other sporting events. Although the course is primarily geared towards school sports administration, the content and assessment is adaptable to students more interested in general sports administration and coaching in community and government sport organisations. To ensure for a more complete experience, the student must have experience in a variety of particular activity they will require the completion of coaching, officiating, health and physical fitness, rehabilitation and indeed medical experience through a commitment of time outside course engagement expectations. It is expected that through the experiences provided there will be an opportunity to become more knowledgeable and skilled in their particular sport and apply this knowledge to the development of relevant and appropriate content and teaching programs. Enrolments will not reach the minimum number required for on-campus study and are therefore recommended to be transferred to the WEB offering and advised of this change before semester commences.

EDH2523 BIOPHYSICAL FOUNDATIONS OF SPORT AND PHYSICAL ACTIVITY (FBELA - UGRD)
Units 1.0 (Education Studies) Band 5
Pre-requisite: EDH2250
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 indeed medicine. In response to this philosophy, this course provides the undergraduate student with an introduction to the key issues in the field of Biophysical foundations of sport and physical activity. The course will focus on presenting an intermediate level of knowledge and understanding of the key issues in the field of Biophysical foundations of sport and physical activity. It will be assessed and evaluated. Students will examine traditional and contemporary pedagogical approaches to teaching and learning in Biophysical foundations of sport and physical activity through multiple and varied learning experiences. The course will explore the learning experience as well as personal practical experiences for teaching and learning in Biophysical foundations of sport and physical activity contexts. This course seeks to encourage the development of knowledge and understanding of the new approaches to coaching, teaching and coaching, and reshaping of current practices in light of relevant research.

EDH2527 ADVANCED CURRICULUM STUDIES IN HEALTH AND PHYSICAL EDUCATION (FBELA - UGRD)
Units 1.0 (Education Studies) Band 5
Pre-requisite: EDX1450
This course builds on specialist Health and Physical Education curriculum and pedagogical knowledge established through the completion of the suite of HPE specialisation courses and 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. Embedded in this course is a review of pedagogical principles outlined in curriculum and syllabus documents and in research literature as they continue to influence the HPE learning experience, with an emphasis on the design of relevant learning experiences, assessment, reporting and reflective 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 program work, unit and lesson planning and the design of assessment instruments, teaching and evaluation will be presented using relevant curriculum and syllabus documents. Information will also be provided with regard 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 historical and/or suggested practical experiences. The opportunity to experience, plan and implement practical teaching skills and display the ability to become an independent and reflective learner are embedded in this course.

EDH3326 HUMANS IN MOVEMENT (FBELA - UGRD)
Units 1.0 (Education Studies) Band 5
Pre-requisite: EDH2256
This course builds on specialist Health and Physical Education curriculum and pedagogical knowledge established through the completion of the suite of HPE specialisation courses and 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. Embedded in this course is a review of pedagogical principles outlined in curriculum and syllabus documents and in research literature as they continue to influence the HPE learning experience, with an emphasis on the design of relevant learning experiences, assessment, reporting and reflective 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 program work, unit and lesson planning and the design of assessment instruments, teaching and evaluation will be presented using relevant curriculum and syllabus documents. Information will also be provided with regard 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 historical and/or suggested practical experiences. The opportunity to experience, plan and implement practical teaching skills and display the ability to become an independent and reflective learner are embedded in this course.

EDH3259 SOCIOLOGY OF SPORT (FBELA - UGRD)
Units 1.0 (Education Studies) Band 5
Pre-requisite: Students must be enrolled in the MICTL
This course will develop deepened understanding and knowledge of the diverse sociological perspectives relevant to a range of sports related discipline areas. Students will research and analyse a range of issues related to the sociology of sport and reflect on and apply information in professional contexts. Students will develop skills in a range of understandings and competencies for interpreting and evaluating sociology of sport issues within the complex social environment of Australia and internationally. Students will develop the opportunity to participate in a variety of physical activity experiences. This will include the ability to participate in a variety of physical activity experiences and to specialise within certain discipline areas and undertake tasks of particular interest.

EDM5000 PLANNING FOR LEARNING: INTRODUCTION TO CURRICULUM AND PEDAGOGY (FBELA - PGRD)
Units 1.0 (Teacher Education) Band 5
Pre-requisite: Students must be enrolled in the MICTL
This course provides an introduction for pre-service teachers entering the teaching profession to the basic concepts and developmental issues connected to research and the skills and strategies for learning to teach in an educational setting. Pre-service teachers will begin to explore a range of planning styles, ranging from single lessons to a sequence of learning episodes, and then to unit plans, with provisions made for diversity among learners. The course aims to provide opportunities for pre-service teachers to develop their general teaching and learning strategies and systematic reflective presentation and the integration of assessment (for, through and end of unit), content, skills and pedagogical context. Students will also develop knowledge through cooperative group-work, discussion forums and feedback sessions.

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EDM5001 UNDERSTANDING LEARNERS AND LEARNING (FBELA - PGRD) Units 1.0 (Teacher Education) Band 5 Pre-requisite: EDM5000 and Students must be enrolled in the MOLT

This course will provide an introduction to key concepts about student development, including cognitive, social and emotional development. The course will examine the relationship between academic and non-academic learning environments and the development of effective teaching and learning strategies. The course will also address the role of assessment and evaluation in understanding and supporting student development. This knowledge will be connected to the development of teaching and learning practices that promote student well-being and achievement.

EDM5100 CURRICULUM AND PEDAGOGICAL STUDIES 1 (WPS AND LANGUAGES) (FBELA - PGRD) Units 1.0 (Teacher Education) Band 5 Pre-requisite: Students must be enrolled in MoT Co-requisite: EDM5000

The course focuses on the knowledge, understanding and skills necessary for educators to plan for, and implement, learning in the Health and Physical Education and Languages learning areas. Students will develop their understanding of effective pedagogies and instructional strategies to support the development of well-rounded and engaged students. The course will also examine the role of assessment in supporting student learning.

EDM6006 CURRICULUM AND PEDAGOGICAL STUDIES 2: ARTS & TECHNOLOGIES (FBELA - PGRD) Units 1.0 (Teacher Education: Primary) Band 5 Pre-requisite: EDM5100

The course focuses on the knowledge, understanding and skills necessary for educators to plan for and implement learning in The Arts and Technologies curriculum areas. Pre-service teachers will develop knowledge of the structure and content of the relevant curriculum documents and an understanding of effective pedagogies and instructional strategies including communication technologies. They will explore approaches to creating supportive and well-scaffolded learning environments through the use of design and digital technologies capable of meeting the needs of diverse learners in The Arts and Technologies curriculum areas. Pre-service teachers will also be required to develop an understanding of effective pedagogies and instructional strategies including communication technologies.
EDO3471 MULTILITERACIES: UNDERSTANDING TEXTS (FBELA - UGRD)
Units 1.0 (Education Studies) Band 5
Pre-requisite: EDC1710 or EDC1720
This course provides in-depth study of the textual and language teaching and learning contexts of multiliteracies. Students will learn about genre-based literacy and will learn to analyse the language and textual features of a range of genres and text types. They will also develop a metalinguage which will enable them to teach literacy 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 ONLINE offering and ad vised of this change before semester commences.

EDO3472 CHILDREN'S AND YOUNG ADULT LITERATURE (FBELA - UGRD)
Units 1.0 (Education Studies) Band 5
This course will explore the selection and use of children's and young adult literature to enrich the educational experience. The development of children's and young adults' reading throughout contemporary literature will be studied. Investigation and analysis will be conducted to explore the nature of children's and young adult literature. Students will be encouraged to extend their repertoire through reading from picturebooks, novels for beginning and independent readers and young adult literature.

EDO3476 DRAMA IN ARTS EDUCATION (FBELA - UGRD)
Units 1.0 (Education Studies) Band 5
Students will focus on expressing and communicating their understanding of contemporary human and imagined experiences, through enactment of role and imagined events. Through dramatic role (voice, gestures and movement in the performance space) students will explore and experiment with contemporary theatre. Students will investigate various dramatic techniques and the nature of the performative moment. Students will be involved in creating and presenting the outcomes. The course will provide an introduction to students in the skills of drama and will extend their understanding about the relationship between drama and other learning areas. Students will also be required to familiarise themselves with curriculum documents and relevant literature and online resources and understand the development of pedagogical strategies for teaching drama in the Arts.

EDO3500 ALTERNATE PROFESSIONAL EXPERIENCE (FBELA - 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 (FBELA - 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 (FBELA - UGRD)
Units 1.0 (Education Studies) Band 5
As enrolment in this course is a negotiated substitute for enrolment in a scheduled academic 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.

EDO3561 TEACHING THE NATIONAL CURRICULUM: SCIENCE (FBELA - UGRD)
Units 1.0 (Teacher Education not elsewhere) Band 5
This course focuses on the content knowledge required by teachers from Prep to approximately Year 6. The course aims to develop the scientific knowledge and pedagogical content knowledge needed to teach the Australian curriculum, but has a particular focus on Mathematics/Numeracy. The course would also be relevant to teachers from Prep to approximately Year 7. It will cover the content area of the Australian curriculum appropriate for this age range namely: Number and Algebra; Measurement and Geometry; and Probability & Statistics. The course aims to further develop the mathematical content knowledge and pedagogical content knowledge for teaching in Early Years. 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 ONLINE offering and advised of this change before semester commences.

EDO3568 TEACHING THE NATIONAL CURRICULUM: MATHEMATICS (FBELA - UGRD)
Units 1.0 (Teacher Education not elsewhere) Band 5
This course focuses on the content knowledge required by teachers from Prep to approximately Year 7. It will cover the content area of the Australian curriculum appropriate for this age range namely: Number and Algebra; Measurement and Geometry; and Probability & Statistics. The course aims to further develop the mathematical content knowledge and pedagogical content knowledge for teaching in Early Years. 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 ONLINE offering and advised of this change before semester commences.

EDO3682 HIGHER ORDER THINKING: MATHS P-7 (FBELA - 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, particularly problem-solving strategies and heuristics appropriate for a 5-7 year old student. Students will be encouraged to plan lessons and teaching strategies that will assist middle primary students with contemporary mathematics and its relationship to students' lives. Students will be encouraged to foster mathematical thinking in their students and to appreciate the significance of problem-solving and higher-order thinking in the development of young learners. The emphasis of the course will be on the development of pedagogical strategies for teaching mathematics in the primary classroom.

EDO4351 HONOURS PROJECT 1 (FBELA - 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 particular to the focus of the student’s major study area. Students who have completed the research methodology course will build upon their research proposal. Honours students completing this course will complete a research project and provide a final report following submision 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 ONLINE offering and advised of this change before semester commences.

EDO4352 HONOURS PROJECT 2 (FBELA - 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 particular to the focus of the student’s major study area. Students who have completed the research methodology course will build upon their research proposal. Honours students completing this course will complete a research project and provide a final report following submission guidelines for honours.

EDO4675 RESEARCH APPROACHES FOR CONTEMPORARY EDUCATORS (FBELA - UGRD)
Units 1.0 (Teacher Education not elsewhere) Band 5
This course is divided into two sections. The first section presents selected philosophical and methodological perspectives, issues, elements, forms and effects of contemporary educational research. The second section considers the main components of designing an effective, efficient and ethical educational research proposal. Each section is underpinned by a range of resources gleaned from contemporary educational research. These resources are designed to high light key debates and divergent perspectives on the professional strategies for planning, conducting, reporting, publishing and evalu ating educational research.

EDP2111 THE MIDDLE YEARS (FBELA - UGRD)
Units 1.0 (Teacher Education Primary) Band 5
Pre-requisite: EDC1400
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 engagement and learning. Pre-service educators will develop learner-centred and active teaching methods aimed at promoting student engagement and quality learning outcomes. Students will explore and develop strategies that enhance Middle Years’ student engagement, success, self-esteem, partnerships, tolerance and emotional wellbeing. This under standing will provide a basis for the development of learning environ ments that enhance the health and success of middle years’ learners. A 10-day professional experience will be attached to this course. Intending students should be aware that they require regular access to electronic resources including 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 ONLINE offering and advised of this change before semester commences.

EDP2222 PEDAGOGY AND CURRICULUM 2 (FBELA - UGRD)
Units 1.0 (Teacher Education Primary) Band 5
Pre-requisite: EDC1400 and EDC1280 and EDC1170
In the same enrolment pattern this is the third "professional experience" 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 curricu lulum, but has a particular focus on Mathematics/Numeral. 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 Relationships 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 supporting students to learn how to inform ongoing planning for teaching and learning. The course provides a foundation for a 10-day professional experience 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 ONLINE offering and advised of this change before semester commences.
EDP3333 PEDAGOGY AND CURRICULUM 1 (FBELA - UGRD)
Units 1.0 (Teacher Education: Primary) Band 5
Pre-requisite: EDP2111 and EDP2222 or (EDP2111 and SPE3001) or (EDP2111 and ED2224)
This course introduces the theoretical perspectives presented in Pedagogy and Curriculum and develops with current initiatives in curriculum design and pedagogical practice, particularly the move to standards based education and the pedagogical implementation of contemporary ideas of knowledge, its construction and practice. The beginning teacher will use 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. Students attending these courses should be aware that they have regular access to electronic resources including email and the internet. The course provides for a 1950-professional experience placement.

EDP4130 TECHNOLOGY CURRICULUM AND PEDAGOGY (FBELA - UGRD)
Units 1.0 (Teacher Education: Primary) Band 5
Pre-requisite: EDP3333 and ED31310
Students will understand technology as a human activity and the contribution of technology education to general education. They will investigate Australian and international perspectives on how to develop technology education that takes into account and develops related knowledge and skills. They will apply pedagogical approaches appropriate to technology education to planning and teaching effective learning experiences. The course will emphasise experiential learning, including through student-led learning activities, as a key approach to teaching and learning by engaging students in individual and collaborative activities. The course focuses on the ways in which students will plan and teach in an appropriate setting and integrate the implementation of technology education in context.

EDP4140 SECOND LANGUAGE LEARNING AND PEDAGOGY (FBELA - 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, knowledge of cognitive processes involved in acquiring and using English, as well as in using and applying the additional language learning and tools for enhancing the communicative competence of culturally diverse home- and community-background students is taught in the classroom. Students become familiar with the potential needs of second language learners, ESL Band scales, as they develop resources and learning activities for professional use. Information literacy will be developed through exploration of Internet sites including core Australian curriculum resources, ACARA and professional ESL networks in Australia and abroad. Readings focusing upon principles and educational practice in English as an Additional Language (EAL).

EDR8000 FOUNDATIONS OF CONTEMPORARY EDUCATIONAL RESEARCH METHODS (FBELA - 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 particular emphasis on preparing students for writing a dissertation. The course will cover the nature of the research process, ethical considerations, information seeking skills and strategies, research design, interpretation and analysis of data, literature review, researching and writing a research proposal, and research ethics. Students will learn about the main research designs and methods used in educational research, and how to apply them in their own research. The course will also provide an introduction to the use of qualitative and quantitative research methods in educational research.

EDR8005 DISCUSSION ANALYSIS (FBELA - PGRD)
Units 1.0 (English Language Teaching) Band 5
This course introduces students to methodological approaches to the analysis of language. Social and cultural contexts in which written and spoken texts arise will be examined. 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 a classroom or learning context will be analysed and a written text will be analysed using genre and critical discourse analysis. Theoretical principles underpinning discourse studies and techniques will be analysed.

EDR8050 MASTERS PROJECT 1 (FBELA - 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 expected that the following elements will normally be completed:
- a literature review to establish the research question, define the scope of the study and develop the research hypothesis;
- a research proposal that outlines the research aim, objectives and methodology;
- a description of the data collection methods, including a detailed methodological section;
- a detailed methodological section that describes the data analysis techniques, the interpretation of findings and the presentation of results;
- a final report that presents the findings, conclusions and implications for future research.

EDR8061 MASTER OF EDUCATION PROJECT 2 (FBELA - PGRD)
Units 2.0 (Education Studies) Band 5
This two-credit course is designed for students who need to conduct an independent research project in order to complete their Master of Education (MEd) degree. The project is expected to be a substantial contribution to the field of study and involves the development of original research that is of significant value to the field. The project will be supervised by a faculty member who will provide guidance and feedback throughout the project.

EDR8062 MASTERS PROJECT 3 (FBELA - PGRD)
Units 2.0 (Education Studies) Band 5
Pre-requisite: (EDR8001 and EDR8002) or (EDR8000 and EDR8001)
With guidance from a supervisor, learners will plan and execute an independent conceptual study clearly related to their major. This course caters for students entering from different streams. The course demonstrates the application of theses more clearly and aligns with the Master of Education program where the research project course and advanced writing examination are split over the different courses. This course will be tailored for the Applied Research pathway with clarification and evidence of application of the knowledge developed in the student’s Masters program. The course will culminate in a substantial contribution to the literature and is a requirement for a scholarly or practical and research focused in an advanced writing examination. The course will also provide an introduction to the use of qualitative and quantitative research methods in educational research.

EDR8081 EFFECTIVE AND ETHICAL RESEARCH PRACTICE (FBELA - PGRD)
Units 1.0 (Education Studies) Band 5
This course provides an overview of the major ethical issues and research practices that are important in educational research. The course focuses on the appropriate management of data in educational research projects. Topics include confidentiality, informed consent, the role of guardians and gatekeepers, respondents and research ethics, and the use of research methods and techniques. Students will examine the role of ethical principles and guidelines in the conduct of research and the implications for the collection, analysis, and reporting of research data. The course will also cover research design and methodology, sampling and selection of participants, ethical consideration, research dissemination and peer review of research. The course will provide a foundation for students who are interested in pursuing further research in educational fields.
EDS4402 SECONDARY MATHS CURRICULUM AND PEDAGOGY (FBELA - UGRD)
Units 1.0 (Teacher Education: Secondary) Band 5
Pre-requisite: EDS3450 or EDS2402
The course begins with pre-service teachers exploring specific structures and knowledge related to their teaching area. Building on this, they will then actively construct their own pedagogical practice and develop professional expertise in delivering discipline-specific teaching for learning. The purpose of this course is to move beyond generic approaches of teaching for learning to provide a deep understanding of how to teach in the mathematics discipline. This course provides the opportunity for pre-service teachers to learn how to teach mathematics content, pedagogy and curriculum fit and work together to provide effective learning opportunities.

EDS4403 SECONDARY SCIENCE CURRICULUM AND PEDAGOGY (FBELA - UGRD)
Units 1.0 (Teacher Education: Secondary) Band 5
Pre-requisite: EDS3450 or EDS2402
The course begins with pre-service teachers exploring specific structures and knowledge related to their teaching area. Building on this, they will then actively construct their own pedagogical practice and develop professional expertise in delivering discipline-specific teaching for learning. The purpose of this course is to move beyond generic approaches of teaching for learning to provide a deep understanding of how to teach in the science discipline. This course provides the opportunity for pre-service teachers to learn how to teach science content, pedagogy and curriculum fit and work together to provide effective learning opportunities.

EDS4404 SECONDARY HISTORY CURRICULUM AND PEDAGOGY (FBELA - UGRD)
Units 1.0 (Teacher Education: Secondary) Band 5
Co-requisite: EDS3450
The course begins with pre-service teachers exploring specific structures and knowledge related to their teaching area. Building on this, they will then actively construct their own pedagogical practice and develop professional expertise in delivering discipline-specific teaching for learning. The purpose of this course is to move beyond generic approaches of teaching for learning to provide a deep understanding of how to teach in their History discipline. This course provides the opportunity for pre-service teachers to learn how History content, pedagogy and curriculum fit and work together to provide effective learning opportunities.

EDS4405 SECONDARY BUSINESS CURRICULUM AND PEDAGOGY (FBELA - UGRD)
Units 1.0 (Teacher Education: Secondary) Band 5
Co-requisite: EDM5100 or EDS2401
The course begins with pre-service teachers exploring specific structures and knowledge related to their teaching area. Building on this, they will then actively construct their own pedagogical practice and develop professional expertise in delivering discipline-specific teaching for learning. The purpose of this course is to move beyond generic approaches of teaching for learning to provide a deep understanding of how to teach in their Business discipline. This course provides the opportunity for pre-service teachers to learn how Business content, pedagogy and curriculum fit and work together to provide effective learning opportunities.

EDS4406 SECONDARY COMPUTING CURRICULUM AND PEDAGOGY (FBELA - UGRD)
Units 1.0 (Teacher Education: Secondary) Band 5
Co-requisite: EDS3450 or EDS2401
The course begins with pre-service teachers exploring specific structures and knowledge related to their teaching area. Building on this, they will then actively construct their own pedagogical practice and develop professional expertise in delivering discipline-specific teaching for learning. The purpose of this course is to move beyond generic approaches of teaching for learning to provide a deep understanding of how to teach in their Computing discipline. This course provides the opportunity for pre-service teachers to learn how Computing content, pedagogy and curriculum fit and work together to provide effective learning opportunities.

EDS4407 SECONDARY ARTS CURRICULUM AND PEDAGOGY (FBELA - UGRD)
Units 1.0 (Teacher Education: Secondary) Band 5
Pre-requisite: EDS5100 or EDS2401
The course begins with pre-service teachers exploring specific structures and knowledge related to their teaching area. Building on this, they will then actively construct their own pedagogical practice and develop professional expertise in delivering discipline-specific teaching for learning. The purpose of this course is to move beyond generic approaches of teaching for learning to provide a deep understanding of how to teach in specific Arts disciplines. This course provides the opportunity for pre-service teachers to learn how the Arts content, pedagogy and curriculum fit and work together to provide effective learning opportunities.

EDS4408 SECONDARY HUMANITIES CURRICULUM AND PEDAGOGY (FBELA - UGRD)
Units 1.0 (Teacher Education: Secondary) Band 5
Pre-requisite: EDS5100 or EDS2401
The course begins with pre-service teachers exploring specific structures and knowledge related to their teaching area. Building on this, they will then actively construct their own pedagogical practice and develop professional expertise in delivering discipline-specific teaching for learning. The purpose of this course is to move beyond generic approaches of teaching for learning to provide a deep understanding of how to teach in specific Humanities disciplines. This course provides the opportunity for pre-service teachers to learn how the Humanities content, pedagogy and curriculum fit and work together to provide effective learning opportunities.
EDU8131 ORGANISATIONAL TRANSFORMATION THROUGH LEARNING (FBELA - PGRD)

Units 1.0 (Education not elsewhere classified) Band 5
Pre-requisite: EDU8132

This course consists of four modules. The first module is designed to set the context for the course by introducing the fundamental importance of educational transformation through learning to educational institutions in the 21st century. The second and third modules set the scene from a theoretical perspective. Different approaches to organisational transformation and their consequences and their underpinning concepts considered (including their implications for leadership practises). The concept of capacity building is a given particular attention. The fourth module is more practical in its orientation and intent, Building on the first three modules, it explores transforming organisational learning through relating to a particular school improvement process and capacity building model. This model allows exploration of how theory may translate into practice.

EDU8132 EDUCATORS AS LEADERS: EMERGING PERSPECTIVES (FBELA - PGRD)

Units 1.0 (Education Studies) Band 5

This course explores leadership in education from a range of theoretical perspectives, including corporate/strategic, transformational/vertical and transactional/educative. As part of this exploration, the emergence of leadership frameworks in contemporary educational administration is explored. The course examines the role of Educational leadership as a key dimension in the reform of educational workplaces, and in the successful implementation of self-managed learning environments, is also a focus of the course. Of particular importance is the relevance of different theories of leadership to the work of classroom practitioners. The concept of teachers as leaders is introduced with models that have been implemented at the University of Southern Queensland are explored in detail in the course.

EDU8318 CAREER DEVELOPMENT IN EDUCATION SETTINGS (FBELA - PGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

This course introduces students to the major theories of career development and associated practices that are relevant for persons engaged in school guidance and careers work. The course will focus on the assessment of academic achievement, social and emotional functioning and intelligence will also be explored.

EDU8324 LEARNING DIFFICULTIES: READING (FBELA - 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, implementation and analysis of appropriate intervention programmes. Note: Students will require access to a child with reading difficulties in English for completion of this course.

EDU8326 LEARNING DIFFICULTIES: MATHS (FBELA - PGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

This course focuses on the teaching of children with specific learning difficulties in mathematics. The emphasis is on assessment and diagnosis of children with mathematical problems 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 developing the evidence base of practices in the field to inform support design is a core element of the course. 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. Responsive and relevant catering for the unique learning styles of these students is highlighted within a respectful and child-centred framework.

EDU8330 NEUROLOGICAL INJURIES AND LEARNING DIFFICULTIES (FBELA - PGRD)

Units 1.0 (Teacher Education: Special Edu) Band 5

This course explores the impact of neurological injuries on learning. The emphasis is on assessment and diagnosis of children with learning difficulties. The course will also explore and support participants’ emerging knowledge and skills as they apply working with children, adolescents and adults. These are covered throughout the course. The course will also provide an opportunity for students enrolled in the Career Development specialisation to participate in case studies and support their emerging knowledge and skills as they apply working with children, adolescents and adults.

EDU8335 ACCOUNTING AND MANAGEMENT IN EDUCATIONAL SETTING (FBELA - PGRD)

Units 1.0 (Education Studies) Band 5

This course will focus on the development of an understanding of the role of finance and budgeting in educational establishments. The emphasis will be on the practical aspects of financial management, including budget preparation and control, and the financial implications of educational decision making. The course will also cover the role of financial management in the context of the management of educational resources, including human and material resources. The course will be delivered through a combination of lectures, tutorials, and practical exercises. Participants will be expected to develop a working knowledge of financial management in educational settings and to be able to apply this knowledge in practical situations.
Within a framework of contemporary theories of learning, participants in this course will investigate concepts of inclusive education and the impacts on the development of children. The course explores definitions of "gifted" and "creative" and their implications for teaching. The course will examine theories of giftedness and creative potential, and considers how these theories are relevant to the particular focus of the individual’s major study area. This course is designed to bring theory and practice together in an authentic workplace setting. Students will therefore need to be active participants in the educational workplace, and reflective practitioners in a range of school and community settings. A case management model is offered to support the process of pro-visioning support options for students with high potential needs.

EDU5507 PROGRESSIVE IDEAS FOR LEARNING FUNDAMENTALS (FBELA - PGRD)
Units 1.0 (Education Studies) Band 5

This course is designed to provide students with the knowledge and skills to develop programs that promote gifted achievement. The course will examine case studies of effective programs from different settings (e.g., schools, workplaces), and will address various approaches to post-corporate challenges is analysed. Four contemporary models of partnership with and research within Indigenous communities, exploring the critical and contemporary issues in Pasifika education. This course explores critical and contemporary issues in Pasifika education. It examines the term `Pasifika' and introduces the community and cultural values of Pasifika and the communities to which they are associated. The course will examine the role of Pasifika education in promoting positive multicultural learning environments. This course further examines models for partnerships with and research within Pasifika communities, encouraging the critical analysis of relevant theories of social justice and cultural equity in education. This course introduces students to human creativity, what it is, how it is fostered, and how it can be fostered. This course has been designed for students to consider how creativity can be fostered in the classroom, and integrated with daily activities in specific settings (e.g., schools, workplaces). The course requires students to reflect on their own creative practices and how they can be extended to create a more positive learning environment. This course will introduce students to human creativity, what it is, how it is fostered, and how it can be fostered. This course has been designed for students to consider how creativity can be fostered in the classroom, and integrated with daily activities in specific settings (e.g., schools, workplaces). The course requires students to reflect on their own creative practices and how they can be extended to create a more positive learning environment. This course will introduce students to human creativity, what it is, how it is fostered, and how it can be fostered. This course has been designed for students to consider how creativity can be fostered in the classroom, and integrated with daily activities in specific settings (e.g., schools, workplaces). The course requires students to reflect on their own creative practices and how they can be extended to create a more positive learning environment. This course will introduce students to human creativity, what it is, how it is fostered, and how it can be fostered. This course has been designed for students to consider how creativity can be fostered in the classroom, and integrated with daily activities in specific settings (e.g., schools, workplaces). The course requires students to reflect on their own creative practices and how they can be extended to create a more positive learning environment. This course will introduce students to human creativity, what it is, how it is fostered, and how it can be fostered. This course has been designed for students to consider how creativity can be fostered in the classroom, and integrated with daily activities in specific settings (e.g., schools, workplaces). The course requires students to reflect on their own creative practices and how they can be extended to create a more positive learning environment.
EDU605 BUILDING COMMUNITIES OF PRACTICE (FBELA - 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 it relates to leadership, management, and the social sciences. By applying theoretical and empirical frameworks to highlight issues around context, power, and the alignment between theory and practice, learners will be challenged to reflect on the principles that underpin community as they create their own knowledge within these frameworks. The course will be structured around an online conference that will engage participants in critical analysis of the development of curriculum and program design and evaluation and their application in a range of post-curriculum education and training contexts. Participants in the course will be encouraged to reflect on their own practice and critically analyze the relevance of the course content to their own instructional context and a comprehensive plan for the evaluation of their progress. The course will be completed over a period of 15 days of supervised instruction (depending on program enrollment).

EDV3401 PROGRAM DESIGN AND EVALUATION (FBELA - UGRD)
Units 1.0 (Teacher Educ: Vocational Educa) Band 5
Co-requisites: EDC1400 and EDC2300
In this course learners will examine theories, models and frameworks of curriculum and program design and evaluation and their application in a range of post-curriculum education and training contexts. Teachers will use this knowledge and understanding to critique the development and justification of both an education or training program designed to respond to an identified training or learning need and its own instructional context and a comprehensive plan for the evaluation of their program. This course will be completed over a period of 15 days of supervised instruction (depending on program enrollment).

EDV3500 COMPETENCY BASED TRAINING AND ASSESSMENT (FBELA - UGRD)
Units 1.0 (Teacher Educ: Vocational Educa) Band 5
Co-requisites: EDC1400 and EDC2300 and EDV3401
This course aims to enable teachers and trainers in post-curriculum education programs (schools, TAFE private and community providers) and in industry workplace training, to develop knowledge, understanding and skills in the design development, implementation, assessment, and evaluation of competency-based programs that lead to nationally recognised vocational qualifications. As such, in addition to develop a comprehenve body of knowledge and skills, learners will be challenged to reflect on their own practice and critically analyse the relevance of the course content to their own instructional context and develop a comprehensive plan for the evaluation of their program. This course will be completed over a period of 15 days of supervised instruction (depending on program enrollment).

EDX1170 FOUNDATIONS OF LANGUAGE AND LITERACIES (FBELA - UGRD)
Units 1.0 (Teacher Educ: Vocational Educa) 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 components such as oral language, listening, viewing and symbolic representation in the social contexts of home and school. An observational component forms the basis of the course. There is also a focus on the importance of oral language experiences, developing knowledge and understanding of skills and resource re quired for effective literacy teaching and learning, the effective use of teacher talk and strategies and the relationships between context and text in the creation of environments for engaging children in effective literacy learning.

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EDX2190 AUSTRALIAN HISTORY AND GEOGRAPHY: CURRICULUM AND PEDAGOGY (FBELA - UGRD)

Units 1.0 (Teacher Education) Band 5

This course engages students in a comprehensive, critical and evaluative analysis of key curriculum documents and pedagogical approaches to the teaching and learning of History and Geography in contemporary classrooms. It will be conducted through a variety of workshops, discussions and related activities, independent inquiry, individual and small-group consultations and participation in "interactive workshops." All sessions are designed to further elaborate, consolidate and extend understanding through social-constructionist learning experiences. The course is web supplemented and has a web site through which students may access the course literature. Students are required to engage independently with historical and geography texts of the key learning areas.

EDX2250 TEACHING SCIENCE FOR UNDERSTANDING (FBELA - UGRD)

Units 1.0 (Teacher Education) Band 5

The aim of the course is to develop students' understanding of content for science, in parallel with their awareness of ways of transforming this understanding of the content for the learners in their context. Students will reflect on their own experiences, and to understand how such misconceptions might be avoided. Problem-solving skills will be developed together with an approach to science that incorporates inquiry and scientific literacy. Content will include: 1. Selected topics from the science curriculum 2. Application of science pedagogical content knowledge, and the development of suitably transformed content which would be accessible for learners in an appropriate year level. 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 eLearning offering and advance this change before semester commences.

EDX3160 SCIENCE CURRICULUM AND PEDAGOGY (FBELA - UGRD)

Units 1.0 (Teacher Education) Band 5

The aim of the course is to develop students' understanding of pedagogical strategies to address content in science, in parallel with their awareness of ways of transforming this understanding of the content to the contexts so that what they know and the ways they have come to know it is come accessible to the children they teach. Practical workshops will involve the presentation of relevant scientific ideas, together with the identification of ways in which these ideas might be transformed so that they are accessible to children and young adolescents. Collate science problem-solving skills will be advocated together with an approach to science that incorporates how innovation, self-motivated, and information sharing. This course will focus on the major concepts and pedagogical content knowledge of Biological sciences and Chemical sciences.

EDX3250 ADOLESCENCE: ISSUES AND CHALLENGES (FBELA - UGRD)

Units 1.0 (Teacher Education) Band 5

The present course aims to provide a forum for the advanced study of adolescent development, loosely predicated on Piaget's (1965) framework and Vygotsky's (1978) structuralist and socioculturalist theories of adolescent development. This course aims to engage students to understand the significant changes occurring within adolescents that influence their development. In particular, the course will focus on the major concepts and pedagogical content knowledge of Biological sciences and Chemical sciences.

EDX3270 LITERACIES EDUCATION (FBELA - UGRD)

Units 1.0 (Teacher Education) Band 5

Pre-requisite: Bachelor of Education (BEDU) students only should complete EDX1170 and EDX2170 before undertaking this course.

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 multimodal pedagogy and Design for Learning, this course will enable pre-service teachers to design and plan inclusive and integrated learning opportunities and acquire an 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 foster diverse learners and the development of flexible repertoire of learning/teaching strategies for teaching reading and writing across a range of educational contexts.

EDX3280 MATHEMATICS CURRICULUM AND PEDAGOGY (FBELA - UGRD)

Units 1.0 (Teacher Education) Band 5

Pre-requisite: EDX1280

Students will examine a variety of concepts from each strand within the primary school mathematics curriculum. Pre- and post-practice presentations will critically evaluate the nature of research findings, current curricula and a range of teaching practices that will be analyzed in depth. Students will build a critical, reflective framework which is refined in the context of group discussion and guided workshop activities. Readings, computer and focus group discussions will be used to develop a common understanding of the ideas and address challenges faced by the typical teacher of mathematics. Students will be expected to develop the necessary knowledge and skills for thinking about and articulating their own approaches to teaching mathematics. Components making up the final assessment will be integrated into these workshops and assessed on a continuous ongoing basis.

EDX4150 TRANSITIONS IN SECONDARY EDUCATION (FBELA - 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 transition effectively from the school setting to further study and training or into the world of work. This course introduces 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 the senior secondary school. The course utilises problem-based learning and reflexive writing to facilitate students’ engagement with contemporary issues related to supporting diverse learners following different learning pathways in the senior phase of learning and beyond. With the emphasis upon supporting their students as they choose the most appropriate pathways for their future, the pre-service teachers in this course will investigate policies, frameworks and processes currently in place related to student engagement and transitions, career planning and education and vocational education and training, and will consider the implications for their own roles as senior phase teachers with reference to leadership, collaboration, curriculum and pedagogy.

ELE1301 COMPUTER ENGINEERING (FHESC - UGRD)

Units 1.0 (Computer Engineering) Band 2

This course provides a fundamental understanding of the operation of the digital computer system. Topics include: fundamentals; number systems; binary arithmetic; computer architecture; bus; addressing modes; memory; instruction sets; machine and assembly language programming; analog to digital converters; input/output methods; software interface techniques and an introduction to PL/1 with practical examples.

ELE1502 ELECTRONIC CIRCUITS (FHESC - UGRD)

Units 1.0 (Electronic Engineering) Band 2

This course introduces the fundamental ideas, theory and devices of electronics. It has been designed to achieve the objective that the student will be able to understand the circuitry of electronic equipment and use it to perform practical tasks in the laboratory. It is also intended to develop the logical thinking and problem solving skills of the students so that they may be able to design and build their own electronic circuits. The course is designed to provide a basic grounding in the understanding of the dynamic behaviour of systems and how they can be used to solve engineering problems. The course is intended to provide a basis for further study in electronics and to stimulate interest and develop self confidence.

ELE1810 ELECTRICAL TECHNOLOGY (FHESC - UGRD)

Units 1.0 (Electrical Engineering) Band 2

Pre-requisite: ENG1510 or MAT1500 or ENM1510 or ENM1600 or Students must be enrolled in one of the following Programs: MEPFR or GEN

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, and to develop the knowledge of electrical components and machines, power supply systems, safety and protection, and the common electricity encountered in the workplace. Analysis of DC and AC circuits, transformers, rectifiers, motors, generators, power supply systems, batteries and rectifiers form part of the work.

ELE1911 ELECTRICAL AND ELECTRONIC PRACTICE A (FHESC - UGRD)

Units 0.0 (Electrical and Electronic) Band 2

Pre-requisite: ENG1510 or MAT1500 or ENM1510 or ENM1600 or Students must be enrolled in one of the following Programs: MEPFR or GEN

This course provides an experience in the use, principles and applications of electrical and electronic technology. This course will focus on the major concepts and pedagogical content knowledge of Biological sciences and Chemical sciences.

ELE2010 CONTROL AND INFORMATION SYSTEMS A (FHESC - UGRD)

Units 1.0 (Electrical, Electronic Engineering) Band 2

Pre-requisite: ENG1510 or MAT1500 or ENM1510 or ENM1600 or Students must be enrolled in one of the following Programs: MEPFR or GEN

This course covers the elements of classical control. A 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 describing the behaviour of control systems are examined. Particular studies of real-world control systems are used to bring together the topics previously covered.

ELE2013 LINEAR SYSTEMS AND CONTROL (FHESC - UGRD)

Units 1.0 (Electrical, Electronic Engineering) Band 2

Given that all engineering processes are time varying in nature, it is highly desirable to be able to model and analyze them in a general and useful solution. The ability to control the performance of dynamic systems is an essential part of most engineering tasks. The study of the control of linear systems and control techniques and hardware provides an introduction to many of the problems that face the control engineer. Attention will be restricted to single input single output systems.

ELE2023 EMBEDDED SYSTEMS DESIGN (FHESC - UGRD)

Units 1.0 (Computer Engineering) Band 2

This course develops the techniques used in microcomputer design, interfacing and applications. It includes microcomputer architectures, C and some assembly language programming, I/O methods and in device designs for parallel and serial; synchronous and asynchronous systems; programming multiple instruction and data, ISA interface examples involving standard and non standard microcomputer systems; and programming 16 18 bit microprocessors. A hardware and software design project is used to develop practical design skills.

ELE2501 ELECTRONIC WORKSHOP AND DESIGN PROJECT A (FHESC - UGRD)

Units 1.0 (Electronic, Electronic Engineering) Band 2

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

A technical officer or professional engineer, employed in the electronic and electronic industry, will at some time in be involved in the design and development of electronic equipment. This course covers the design processes and construction practice is therefore necessary. The emphasis is on developing and improving existing processes, using manual skills "hands on" or supervising others using these skills. The information presented in this course will provide the necessary 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 understand the principles of modern manual techniques, and to acquire competence in the fabrication and documentation of electronic equipment. The principles of component selection, printed circuit design using CAD software, microcircuit and assembly techniques are presented and modern au
ELE2503 ELECTRONIC SYSTEMS (FHEC - UGRD)
Units 1.0 (Electronic Engineering) Band 2
Pre-requisite: ELE1502 or Students must be enrolled in the following Program: GCEN or METC
Completion of this course will enable the understanding of the operation 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 consideration of amplifier small signal effects and thus to the questions of analogue measurements and instrumentation amplifiers. The effect of capacitors on analogue circuit performance is covered leading to filter design and the use of feedback in this context. A feedback theory. Switched mode voltage regulators are introduced as well as an introduction to digital circuits, wave synthesis, generation circuits and interfaces between simple analogue and digital signal areas.

ELE2504 ELECTRONIC DESIGN AND ANALYSIS (FHEC - UGRD)
Units 1.0 (Electronic Engineering) Band 2
Pre-requisite: ELE1502 or Students must be enrolled in one of the following Programs: MENG or GENG or GENS or GENS
Familiarity with electronic devices and circuits is fundamental to electronic engineering. The material covered here will further develop both the theoretical and practical understanding of the topics which was covered in the preceding courses, with a more detailed look at the underlying design skills. Topics to be covered will include: semiconductor devices (diode and transistor types), amplifiers, operational amplifiers, active filters, negative and positive feedback, oscillators, power supplies and selected circuits used in communication systems.

ELE2601 TELECOMMUNICATIONS PRINCIPLES (FHESC - UGRD)
Units 1.0 (Communications Technologies) Band 2
Pre-requisite: ELE1502 and (ELE1901) or Students must be enrolled in one of the following Programs: GCEN 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 telecommunications systems operate. It explains the nature of signals in 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 antenna systems are included. The course also covers fibre optic data communication systems.

ELE2702 ELECTRONIC MEASUREMENT AND ANALYSIS (FHEC - UGRD)
Units 1.0 (Electrical Engineering) Band 2
Pre-requisite: ENG1500 or MAT1500 or ENM1500 or ENM1600 and ELE1901 or Students must be enrolled in the following Program: GCEN
In electrical, electronic and instrumentation engineering, project work involves measurements for academic assessment and performance evaluation to comply with Australian Standards. This course provides the necessary skills and knowledge to perform basic 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 (FHEC - UGRD)
Units 1.0 (Electrical Engineering) Band 2
Pre-requisite: ELE1901 or Students must be enrolled in one of the following Programs: MENG or GENG or METC
This course introduces the principles and practical aspects of generation, transmission and 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 designing different types of electrical plant (generators, transformers, circuit breakers, cables, insulators and transmission lines), as well as principles of substations layout, control, instrumentation and protection. The student should also be aware of the theoretical aspects of system stability (load flow), and fault analysis of power systems using computer software tools.

ELE2912 ELECTRONIC AND ELECTRICAL PRACTICE C (FHEC - UGRD)
Units 0.0 (Elect and Elect Eng and Tech) Band 2
Pre-requisite: (ELE1301 and ELE1502) or Students must be enrolled in one of the following Programs: GCEN or MENS
The purpose of this practice course is to provide experimental support for two and 3rd level of all programs in Electrical & Electronic, Computer Systems and Power Engineering. This course introduces typical electronic and electrical circuits. It explains the nature of signals in 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 antenna systems are included. The course also covers fibre optic data communication systems.

ELE3103 COMPUTER CONTROLLED SYSTEMS (FHEC - UGRD)
Units 1.0 (Electrical Engineering) Band 2
Pre-requisite: ELE2103 or Students must be enrolled in one of the following Programs: GCEN or GENS 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 inversion 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 systems. Many of the implementations of on-line control now involve a computer, which applies control actions at discrete intervals of time rather than continously. It is shown that these 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 ‘real’, resulting in a higher order difference equation to represent the system. The state space is shown to be a subspace in the infinite series which is termed 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 of the DAC. Analysis of stability in terms of the roots of the transfer function are shown 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 methods.

ELE3107 SIGNAL PROCESSING (FHEC - UGRD)
Units 1.0 (Electrical Engineering) 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 forms of communication. This course aims to give the student a thorough grounding in the theoretical and practical aspects of signal processing. Practical applications of signal processing are emphasised via directed experimentation and assignment work.

ELE3803 ELECTRICAL PLANT (FHEC - UGRD)
Units 1.0 (Electrical Engineering) Band 2
Pre-requisite: ELE1901 or Students must be enrolled in one of the following Programs: GCEN or GENG or MENG or METC or MENS
Electricity touches almost every aspect of our lives and occupations. In Electrical Plant students develop skills and knowledge in the selection, installation, operation and maintenance of electrical plant. Such as transformers, power generation, protective systems and other types of energy converters found in the workplace. It covers topics such as electricity, power generation and supply systems and conduct operations of electrical installations.
ELE3904 POWER SYSTEMS PROTECTION
(FHESC - UGRD)
Units 1.0 (Electrical Engineering) Band 2
Pre-requisite: ELE1031 and ELE2001 or Students must be enrolled in one of the following Programs: GCEN or METC or GCNS or GDNS or MENS

This course focuses on the analytical and practical aspects of designing and evaluating primary and back-up protection systems for electrical power systems. The course examines in detail the techniques used in the protection of power systems including relay operation, protective relaying schemes, protection for transmission and distribution systems, microprocessor-based protective relaying. The implementation of these concepts is illustrated by reference to existing communication systems. The relevance of these topics is illustrated in real-life issues as practiced by electrical networks and utilities. Students are expected to contribute to and to engage in a productive and constructive manner with each other in the class. This interaction is assessed. Students are expected to work both independently and as a part of a team to provide solutions to problems which determine the effectiveness of their design and project work. Students will generally work in teams to assist with the development of group interaction skills such as negotiation and interaction.

ELE4607 ADVANCED DIGITAL COMMUNICATIONS
(FHESC - UGRD)
Units 1.0 (Communications Technologies) Band 2
Pre-requisite: ELE1351 or ELE1302 or Students must be enrolled in one of the following Programs: GCEN or METC or GCNS or GDNS or MENS

This course examines the methods used for coding, transmitting and storing continuous signals for use in communication applications. The course covers such topics as data compression, encryption, and error control in digital data transmission. The course also seeks to impart an understanding of current research problems in the digital communications field. It is thus suitable for students who may wish to undertake research and development work in this important field.

ELE5001 INDUSTRIAL COMMUNICATIONS PROTOCOLS
(FHESC - PGRD)
Units 1.0 (Communications Technologies) Band 2
Pre-requisite: ELE5001 or Students must be enrolled in one of the following Programs: GCEN or METC or GCNS or GDNS or MENS

This course focuses on the industrial control networks. It builds upon knowledge and skills developed in undergraduate courses on communication systems and protocols and introduces the industrial local area network (LAN) systems, and their applications (e.g., Ethernet and TCP/IP). The major differences between the industrial control networks and the classical data networks and protocols are considered in detail. Factors influencing the choices of industrial communication protocols for given applications are explored and Quality of Service (QoS) parameters are defined and evaluated.

ELE5002 INDUSTRIAL COMMUNICATIONS SYSTEMS
(FHESC - PGRD)
Units 1.0 (Communications Technologies) Band 2
Pre-requisite: ELE5002 or External students must be enrolled in one of the following Programs: GCEN or METC or GCNS or GDNS or MENS

This course focuses on the industrial control networks. It builds upon knowledge and skills developed in undergraduate courses on communication systems and protocols and introduces the industrial local area network (LAN) systems, and their applications (e.g., Ethernet and TCP/IP). The major differences between the industrial control networks and the classical data networks and protocols are considered in detail. Factors influencing the choices of industrial communication protocols for given applications are explored and Quality of Service (QoS) parameters are defined and evaluated.

ENG1100 INTRODUCTION TO ENGINEERING DESIGN
(FHESC - UGRD)
Units 1.0 (Computer Graphics) Band 2
Pre-requisite: Students must be enrolled in one of the following Programs: GCEN or METC or GCNS or GDNS or MENS

The rationale for this course is to motivate students by fostering creative thinking and introducing conceptual design, sustainable design in engineering, 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. Engin eers need skills in graphical communication and spatial vision in the practice of their profession.

ENG1101 INTRODUCTION TO ENGINEERING PROBLEM SOLVING
(FHESC - UGRD)
Units 0.0 (EngTech 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 multidisciplinary and virtual teamwork in most engineering activities. Aspects of physical and conceptual design are investigated and both these are applied to the analysis of complex real world systems. The course is presented as an integration of hands-on based learning, and the use of virtual teamwork and electronic communication. The course will develop students ability to contribute and to interact in a positive and constructive manner with other team members. Interaction is assessed. Students will be expected to work both independently and as a part of a team to provide solutions to problems which determine the effectiveness of their design and project work. Students will generally work in teams to assist with the development of group interaction skills such as negotiation and interaction. The development of other professionals’ 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 engineering 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 use these resources in the compilation of their reports and seminars. A series of keynote addresses will be given to assist students with their projects. On-campus students will also undertake practical work in the areas of instrumentation and measurement, or engineering materials and manufacturing, and will be required to prepare a comprehensive report and to present a seminar on their work. Students will be required to perform practical work and present a seminar on their work throughout the semester. All students will be introduced to the principles of industrial communication protocols and networks. Students will be required to complete a survey on the course. Students will also be introduced to the principles of industrial communication protocols and networks. Students will be introduced to the principles of industrial communication protocols and networks. Students will be introduced to the principles of industrial communication protocols and networks. Students will be introduced to the principles of industrial communication protocols and networks.
ENGG102 ENGINEERING PROBLEM SOLVING AND ANALYSIS (FHEC - UGRD)

Units 1.0 (EnginTech not classified) Band 2
Pre-requisite: ENGIS101

This course will increase a student's ability to work as part of a multi-disciplinary team. It provides opportunities to explore and appreciate a range of engineering and scientific workplaces. Some examples include: manufacturing, consulting, research, government, and so on. The course requires students to further develop their computer skills (especially Excel) to analyse statistics, and to illustrate and present the results of their analytical work.

ENGG209 WORK EXPERIENCE - ASSOCIATE (FHEC - 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 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 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. This is a senior course and it is assumed the student has the maturity, knowledge and skills base common with having completed the first two years of their undergraduate course.

ENGG302 PROFESSIONAL PRACTICE 1 (FHEC - UGRD)

Units 0.0 (EnginTech not classified) Band 2

This is the first of two courses which address the practice of professional engineering and professional spatial science. The course is concerned largely with practical, electronic, independent of the specific disciplines, which involve the particular work undertaken, performance and responsible roles by the professional engineer and spatial scientist. The major manifestations of this professional practice is in particular in participation in professional development activities and the planning, execution and reporting of work. Hence a major portion of the course is devoted to the preparation for the commencement of your final year ENG4111 Research Project Part 1 and ENG4112 Research Project Part 2.

ENGG3909 WORK EXPERIENCE - TECHNOLOGIST (FHEC - 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 graduate from the Bachelor of Engineering Technology program. This work experience course is intended to enhance the student's 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 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 three pages in length in which they compare their acquired competencies at least three (3) Engineering Australia (EA) requirements for Engineering Technology certification. A diary with regular entries must be maintained and periodically certified by the 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 professional practice, skills and knowledge acquired during their Associate Degree program.

ENGG4004 ENGINEERING PROJECT AND OPERATIONS MANAGEMENT (FHEC - UGRD)

Units 1.0 (EnginTech not classified) Band 2
Pre-requisite: ENGIS102 and ENGIS200 or MAT2102 or MAT2502 or ST2000 or ST2001 or GEDC101 or GDTC201 or MENG101 or GDTC203 or MENG102 or GEDC102 or MENG103

Of particular importance to the engineer is the ability to develop an appropriate methodology to describe the behaviour of an engineering system, and then to analyse that behaviour and apply engineering judgement to the results of the analysis. In this way the model will be of a numerical nature and the engineer requires the ability to interpret and apply the results of the analysis. The student will be required to develop skills in programming using a scripting language. The student will develop skills in problem solving and in the interpretation of numerical computations. At the conclusion of this course, a number of real-life problems and case studies will provide the basis for meeting this objective. Applications will be made of the logical use of non-linear and partial differential equations to be included.
ENGS001 PROFESSIONAL SKILLS IN ENGINEERING (FHEC - 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 UQD engineering program. Two themes are followed throughout the course. Firstly, the development of per sonal and professional 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 Australian context and case studies are used so students will acquire their knowledge and skills about the engineering and applied science professions in a real world environment. The first assessment item requires students to reflect on self and assess their progress towards achieving Engineers Australia’s Stage 1 Competencies and then submit a portfolio to help them achieve that goal. 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.

ENGS001 ENGINEERING RESEARCH METHODS (FHEC - PGRD)
Units 1.0 (EnginTech not classified) Band 2
The course provides students with the ability to (critically) evaluate research literature in technology and engineering papers and just 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, 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 exercise. The role of technology and its management will be assessed as well as Technology creation, transfer and development is assessed as well as Technology creation, transfer and development and the role of technological development on wealth creation and the relationship between modern society and technological development is examined to evaluate its impact on the world on which we live. The relationship and Its Management, this course is designed to enable students to MANUFACTURING RESEARCH MANAGEMENT MANURE.

ENGS002 MASTERS DISSERTATION (FHEC - PGRD)
Units 4.0 (EnginTech not classified) Band 2
Pre-requisite: ENGS001
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, then develop the solution and ultimately write their thesis (draft). The role of the problem to be treated using appropriate hardware. Students are expected to produce an accurate and detailed written account of their work.

ENGS011 ASSESSMENT OF FUTURE SPECIALIST TECHNOLOGY (FHEC - PGRD)
Units 1.0 (EnginTech not classified) Band 2
An overview is made of products and markets: Food and subsistence, travel, transport, communication and spectator sport, health and fitness, participation sport, conflict, functions of government, information and entertainment. Changes that shape our surroundings are traced back to their historical roots and consequences and the effect of computing power on biotechnology, inventing and analogy. The course is delivered in a seminar mode, as well as means whereby novelty can be introduced. Fashion in innovation is observed and includes operations and maintenance strategy formation and execution, demand forecasting and management, performance of facilities, maintainability, performance modelling, maintenance and rehabilitation management, costing, and information management.

ENGS020 TECHNOLOGICAL IMPACT AND ITS MANAGEMENT (FHEC - PGRD)
Units 1.0 (EnginTech not classified) Band 2
The aim of this 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 requirements in major projects, understand the attributes of effective requirements, and know how requirements management occurs throughout the life of a complex project.

ENGS025 TECHNOLOGY MANAGEMENT PRACTICE (FHEC - PGRD)
Units 1.0 (EnginTech not classified) Band 2
The course briefly reviews and then builds upon basic undergraduate management studies, introduces the major areas of project estimating and cost planning, feasibility studies, contract law, financial management, management theory and personnel management.

ENGS0290 WHOLE OF LIFE FACILITIES MANAGEMENT (FHEC - 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 Environment and the principles developed in the other core Master of Technology Management courses, this course is operationally oriented and includes operations and maintenance strategy formulation and evaluation, demand forecasting and management, performance of facilities, maintainability, performance modelling, maintenance and rehabilitation management, costing, and information management.

ENGS027 TECHNOLOGICAL INNOVATION AND DEVELOPMENT (FHEC - PGRD)
Units 1.0 (EnginTech not classified) Band 2
Building on the foundation course of ENG8102 Technological Impact and Its Management, this course is designed to enable students to understand the consequences of technological development on society, and to appreciate the factors which impact on innovation and its development from a managerial, social, cultural, environmental and economic perspective. The course introduces the project management and engineering environment, the elements of the project life cycle, the projects manage ment knowledge areas, and professional issues in the project management process and program management. The course concludes with a discussion of specialised and emerging project management topics, designed to improve project management outcomes.

ENGS030 SELF-ASSESSMENT PORTFOLIO (FHEC - 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 be required to produce a Pathway to Graduation Plan in which they will plan the content of the Workplace Portfolio and Industrial Project courses that they will demonstrate their existing attributes and capabilities, and the Technical courses they will undertake in the program to enable them to satisfy the remaining attributes 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 Report 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.

ENGS030 INDUSTRY PROJECT (FHEC - PGRD)
Units 2.0 (Process and Resources Engineer) Band 2
Pre-requisite: ENGS001 or Students must be enrolled in the following program: MENC or MAEN
This course provides a vehicle for students to demonstrate their application of theoretical knowledge in the solution of an engineering problem or as part of a larger project which they have undertaken in the workplace. With appropriate supervision, students will develop skills in documenting their contribution spanning both the technical and non-technical dimensions of engineering and spatial science at the professional level. Students are expected to produce an accurate and detailed written account of their work supported by appropriate background information and literature as appropriate to the project and to demonstrate their knowledge and application of theory.

ENGS831 WORKPLACE PORTFOLIO (FHEC - PGRD)
Units 2.0 (EnginTech not classified) Band 2
Pre-requisite: ENGS001
Students satisfy the Workplace Portfolio requirements of the Master of Engineering Practice program by preparing Career Episode Reports. The course consists of two courses, this course, and the course ENGS5806 Industrial Project. Each Career Episode Report should demonstrate their achievement of one or more of the competencies outlined in ENG8300 Self Assessment Portfolios. Together, these courses are designed to enable students to use the knowledge and skills they have gained in the workplace to demonstrate (a) compliance with Engineers Australia’s Stage 1 competencies, and (b) compliance with the discipline specific competencies defined in their Self-Assessment Portfolios in the course ENG8300. The competencies outlined in this course are mapped to Stage 2 competencies, and hence, could be used as preparation to submit Career Episode Reports (CERs) to Engineers Australia’s eChartered upon graduation from the NEPT program. During this course, students will prepare 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 the EDA documents, “Elements”. Information in each Career Episode Report must be verified and endorsed by a professional engineer. In cases where the final version of the portfolio is used for the purposes of application for registration, the portfolio should demonstrate that the student has achieved the competencies expected of them at the appropriate professional level. The course also deals with the workplace and the portfolio must be submitted to Engineers Australia’s Self Assessment Portfolio.

ENGS841 MASTERS ENGINEERING RESEARCH PROJECT A (FHEC - PGRD)
Units 1.0 (EnginTech not classified) Band 2
Pre-requisite: ENGS001
The project comprising ENGS841 Masters Dissertation B immediately follows by ENGS412 Masters Dissertation C 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 appropriate to the student’s program, and secondly an introduction to the background, content and literature, (ii) develop an appropriate methodology, (iii) demonstrate a sound appreciation of the overall context, and (iv) demonstrate knowledge, and make substantial progress in the execution of the work.

ENGS842 MASTERS ENGINEERING RESEARCH PROJECT B (FHEC - PGRD)
Units 2.0 (EnginTech not classified) Band 2
Pre-requisite: ENGS441
Following satisfactory progress in ENGS841 Masters Dissertation B in the preceding semester of offer, and with the continuing guidance of a supervisor, the student will extend and develop the technical and the non-technical dimensions of engineering and spatial science at the professional level. The course allows the student to develop the project, to test hypotheses, to assess the results to acknowledge, and to plan and implement an experiment. The course includes the professional scientific, social, and ethical implications of the project outcomes and how these might influence the final report. The student can demonstrate in the final report any major findings and their implications and potential impact of the work and the course.

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ENGL414 MASTERS ENGINEERING RESEARCH PROJECT D (FHESC - PGRD) Units 4.0 (EngTech not classified) Band 2 Pre-requisite: ENGL4411 This course provides a vehicle for students to apply their formal learning to the solution of an engineering problem. With appropriate supervision, students will define and analyse the problem, and then develop and evaluate possible solutions. Possible solutions to the problem will be trialled using appropriate hardware. Students are expected to produce an accurate and detailed written account of their solution.

ENGL9011 ENGINEERING RESEARCH PROJECT A (FHESC - RSCH) Units 1.0 (EngTech not classified) Band 2 Full time research in engineering or surveying under the supervision of selected staff members.

ENGL9021 ENGINEERING RESEARCH PROJECT B (FHESC - RSCH) Units 2.0 (EngTech not classified) Band 2 Part time research in engineering under the supervision of selected staff members.

ENGL9041 ENGINEERING RESEARCH PROJECT D (FHESC - RSCH) Units 4.0 (EngTech not classified) Band 2 Full time research in engineering under the supervision of selected staff members.

ENGL1000 INTRODUCTION TO LITERATURE (FBELA - 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 studies of literary forms, the course develops self-directed learning skills and a familiarity with the tests of critical analysis.

ENGL1001 AUSTRALIAN STORIES (FBELA - 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 identity. It examines the creative process of the storyteller, and the nature and role of stories in our cultural, social, and political values.

ENGL2004 GOThic STORIES: TERROR OVER TIME (FBELA - UGRD) Units 1.0 (Literature) Band 1 In this course students will trace some of the most important concerns in the Gothic tradition from its origins in the eighteenth century until the present day in order to develop a critical appreciation of this genre in both narrative and cultural terms. This course explores a number of the most influential themes in literature and will build on the historical and cultural context.

ENGL2005 SHAKESPEARE AND EARLY MODERN LITERATURE (FBELA - UGRD) Units 1.0 (Literature) Band 1 Pre-requisite: ENGL1000 or ENGL1001 Shakespeare’s plays and poetry formed part of a flourishing period of literary and theatrical innovation. Yet the nature of this period has been the subject of changing opinion: known once as the Golden Age, then given the name Renaissance, and more recently called the Early Modern period. This course examines the literature of this period in its social context and explores the place of Shakespeare on the Elizabethan stage. Students will develop the ability to critically evaluate a wide variety of critical work on the period and its place in English literary history.

ENGL2006 LITERATURE AND ADOLESCENCE: WRITING THE CHILD (FBELA - UGRD) Units 1.0 (Literature) Band 1 The emerging popularity of Children’s and Young Adult Literature as a field of study provides a critical and theoretical framework for this inquiry which began for Victoria and her colleagues. This course applies new approaches in adaptation theory to several texts to encourage students to develop a more sophisticated understanding of the way form influences meaning; to question the concept of literary ‘value’, ‘authorship’ and fidelity; and to engage with notions of metafiction and intertextuality. Students will be provided with a site where narratives can be analysed comparatively across media (literary, film and popular writing) in order to explore the impact of national narratives, historical changes, and cultural influences.

ENGL2007 SUGGESTIVE FICTIO N / SCIENCE FICTION (FBELA - UGRD) Units 1.0 (Literature) Band 1 This course examines a range of popular cultural and critical texts in the fields of science fiction, speculative fiction and the study of contemporary literature. Students will have the unique opportunity to examine visions of the future and the uncanny present produced by some of the most imaginative writers and fantasists of the past century. There will also be an opportunity for student papers to be published in a peer-reviewed undergraduate journal facilitated by English Literature and Creative Writing staff and students. Students will be encouraged to develop their skills in close reading, comparative analysis and critique. The course will enable students to become engaged readers of narratives of the future and the present.

ENGL3000 MODERNISM (FBELA - UGRD) Units 1.0 (Literature) Band 1 Pre-requisite: ENGL1000 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.

ENGL3004 THE LITERARY CANON: HOW TO READ GREAT BOOKS (FBELA - UGRD) Units 1.0 (Literature) Band 1 Pre-requisite: ENGL1000 or ENGL1001 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 ‘great books’. This course will consider the literary and social and political functions of an English literary canon.

ENGL3005 THE ART OF STORYTELLING (FBELA - UGRD) Units 1.0 (Literature) Band 1 Pre-requisite: ENGL1000 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 first and second year courses, providing more detailed strategies for analysing narratives in a variety of different textual forms, including novels, films and new media. Analysis of texts will also include studies of important historical and cultural contexts, to highlight the relationship between text and context, but also to demonstrate the general validity of studying storytelling as a mode of engagement with the world.

ENGL3007 LAW AND LITERATURE (FBELA - UGRD) Units 1.0 (Literature) Band 1 This course examines a range of popular cultural and theoretical texts that discuss and portray law, justice, and related matters. By bringing together theory, law, and culture, students will have the unique opportunity to engage in a comprehensive evaluation of what law means to wider society, what law does outside of traditional legal modes, and how law informs us all, with consequences ranging from the brutal to the brilliant and the weird. Using a number of authored, critical, and popular texts, students will be encouraged to develop their skills in close reading, comparative analysis, and critical thinking. The course will enable students to become engaged readers of legal and theoretical material.

ENGL3008 SCREENING LITERATURE: TEXTS IN ADAPTATION (FBELA - UGRD) Units 1.0 (Literature) Band 1 Adaptation Studies is the site of emerging critical and cultural debates about the value and function of Literature in both ‘classical’ and ‘popular’ forms. This course applies new approaches in adaptation theory to several texts to encourage students to develop a more sophisticated understanding of the way form influences meaning; to question the concept of literary ‘value’, ‘authorship’ and fidelity; and to engage with notions of metafiction and intertextuality. Students will be provided with a site where narratives can be analysed comparatively across media (literary, film and popular writing) in order to explore the impact of national narratives, historical changes, and cultural influences.

ENGL4000 CRITICAL THEORY: PURE AND APPLIED (FBELA - UGRD) Units 1.0 (Literature) Band 1 Pre-requisite: Students must be enrolled in Program: BAHN 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 theorists in recent critical perspectives, including Feminism, Marxism, Structuralism, Formalism, and Psychoanalytic Criticism.

ENGL4013 TRANSNATIONAL LITERATURE (FBELA - UGRD) Units 1.0 (Literature) Band 1 Pre-requisite: Students must be enrolled in Program: BAHN The aim of this course is to examine the transnational circulation of modern literary classics from around the world. It will study debates about the character, function and operation of a transnational literary field - what Pascale Casanova calls the ‘world republic of letters’. It will also present 6 case studies of specific writers and books.

ENGL4014 THE MADWOMAN AND THE MEDUSA: WOMEN’S WRITING SINCE THE 19TH CENTURY (FBELA - UGRD) Units 1.0 (Literature) Band 1 Pre-requisite: Students must be enrolled in Program: BAHN This course provides students with a contemporary understanding of the relationship between writing and identity by tracing the history of women’s writing in a variety of modes since the nineteenth century.

ENGL8007 CRITICAL THEORY: PURE AND APPLIED (MASTERS) (FBELA - PGRD) Units 1.0 (Literature) Band 1 Pre-requisite: Students must be enrolled in the following Programs: MSTA or MARA 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 theorists in recent critical perspectives, including Feminism, Marxism, Structuralism, Formalism, and Psychoanalytic Criticism.

ENGL9013 TRANSNATIONAL LITERATURE (MASTERS) (FBELA - PGRD) Units 1.0 (Literature) Band 1 Pre-requisite: Students must be enrolled in one of the following Programs: MSTA or MARA The aim of this course is to examine the transnational circulation of modern literary classics from around the world. It will study debates about the character, function and operation of a transnational literary field - what Pascale Casanova calls the ‘world republic of letters’. It will also present 6 case studies of specific writers and books.

ENGL9014 THE MADWOMAN AND THE MEDUSA: WOMEN’S WRITING SINCE THE 19TH CENTURY (MASTERS) (FBELA - PGRD) Units 1.0 (Literature) Band 1 Pre-requisite: Students must be enrolled in one of the following Programs: MSTA or MARA This course provides students with an expert, contemporary understanding of the relationship between writing and identity by tracing the history of women’s writing in a variety of modes since the nineteenth century.
ENM1500 INTRODUCTORY ENGINEERING MATHEMATICS (FHEC - UGRD)
Units 1.0 (Mathematics) Band 2
This course integrates mathematical concepts to provide students with an introduction to the mathematical fundamentals required for engineering and surveying. Topics include: basic algebra, functions and graphing, exponential, logarithmic and trigonometric functions, geometry, vectors in two dimensional space, matrices and an introduction to differentiation and integration.

ENM1600 ENGINEERING MATHEMATICS (FHEC - UGRD)
Units 1.0 (Mathematics) Band 2
This course builds on the Queensland Mathematics B content and further develops algebra, function, trigonometric, exponential, logarithmic and graphing competencies, and introduces matrices, vectors and calculus. Emphasis is placed on developing skills in these areas within an engineering context and on exploring and applying these skills to a range of engineering and surveying applications.

ENM2600 ADVANCED ENGINEERING MATHEMATICS (FHEC - UGRD)
Units 1.0 (Mathematics) Band 2
Pre-requisite: ENM1600 or Students must be enrolled in one of the following Programs: GCEN or METC or MENS or GDNS
This course is constructed to provide students with an introduction to the advanced skills required for engineering and surveying. Topics included: Complex Numbers, Ordinary Differential Equations (ODEs), Vector Calculus and Linear Algebra. The Introduction to Ordinary Differential Equations and Vector Calculus include direction fields, Euler’s method, first order, separable ODEs, first order and second order linear ODEs with constant coefficients, Taylor and Fourier series. Multivariable Calculus includes representation of functions of several variables, surfaces and contour maps, partial differentiation, optimisation, directional derivatives, gradient, divergence and curl, line integrals of the 1st and 2nd kind and Green’s Theorem. The topic of Linear Algebra of ENM1600 Engineering Mathematics is extended to cover eigenvalues and eigenvectors, and symmetric and orthogonal matrices. Engineering applications are discussed in each topic.

ENS7507 ENGLISH - LEVEL 7 (5 WEEK)
(OAC - NONA)
Units 1.0 (English Language) Band 1
The course has been organised around the communicative and enablers that students need to develop to cope with the language and tasks encountered in English language courses. This course is intended to cover students to develop and practise a variety of strategies and task types encountered in Pearson PTE (Academic). The course has been organised around the communicative and enablers that students need to develop to cope with the language and tasks encountered in English language courses. This course is intended to cover students to develop and practise a variety of strategies and task types encountered in Pearson PTE (Academic). The course has been organised around the communicative and enablers that students need to develop to cope with the language and tasks encountered in English language courses. This course is intended to cover students to develop and practise a variety of strategies and task types encountered in Pearson PTE (Academic). The course has been organised around the communicative and enablers that students need to develop to cope with the language and tasks encountered in English language courses. This course is intended to cover students to develop and practise a variety of strategies and task types encountered in Pearson PTE (Academic). The course has been organised around the communicative and enablers that students need to develop to cope with the language and tasks encountered in English language courses. This course is intended to cover students to develop and practise a variety of strategies and task types encountered in Pearson PTE (Academic). The course has been organised around the communicative and enablers that students need to develop to cope with the language and tasks encountered in English language courses. This course is intended to cover students to develop and practise a variety of strategies and task types encountered in Pearson PTE (Academic). The course has been organised around the communicative and enablers that students need to develop to cope with the language and tasks encountered in English language courses. This course is intended to cover students to develop and practise a variety of strategies and task types encountered in Pearson PTE (Academic). The course has been organised around the communicative and enablers that students need to develop to cope with the language and tasks encountered in English language courses. This course is intended to cover students to develop and practise a variety of strategies and task types encountered in Pearson PTE (Academic). The course has been organised around the communicative and enablers that students need to develop to cope with the language and tasks encountered in English language courses. This course is intended to cover students to develop and practise a variety of strategies and task types encountered in Pearson PTE (Academic). The course has been organised around the communicative and enablers that students need to develop to cope with the language and tasks encountered in English language courses. This course is intended to cover students to develop and practise a variety of strategies and task types encountered in Pearson PTE (Academic). The course has been organised around the communicative and enablers that students need to develop to cope with the language and tasks encountered in English language courses. This course is intended to cover students to develop and practise a variety of strategies and task types encountered in Pearson PTE (Academic). The course has been organised around the communicative and enablers that students need to develop to cope with the language and tasks encountered in English language courses. This course is intended to cover students to develop and practise a variety of strategies and task types encountered in Pearson PTE (Academic). The course has been organised around the communicative and enablers that students need to develop to cope with the language and tasks encountered in English language courses. This course is intended to cover students to develop and practise a variety of strategies and task types encountered in Pearson PTE (Academic). The course has been organised around the communicative and enablers that students need to develop to cope with the language and tasks encountered in English language courses. This course is intended to cover students to develop and practise a variety of strategies and task types encountered in Pearson PTE (Academic). The course has been organised around the communicative and enablers that students need to develop to cop...
of financial plan construction. Formerly FIN1106.

FIN1110 INTRODUCTION TO CORPORATE FINANCE (FBEA - UGRD)
Units 1.0 (Banking and Finance) Band 3

This course provides an introduction to the basic concepts of corporate finance and the role of the financial manager in the maximisation of the firm’s shareholders’ wealth. The course, 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. The central 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 (FBEA - UGRD)
Units 1.0 (Banking and Finance) Band 3

This course examines the structure, operation and performance of the Australian financial system. It takes an interdisciplinary approach to the principles of financial and monetary economics. Students are introduced to a selection of financial markets, products and institutions the operations of which largely determine the nature of investment opportunities that affect decisions to save and invest in the real economy.

FIN2101 PORTFOLIO MANAGEMENT (FBEA - UGRD)
Units 1.0 (Investment and Securities) Band 3

Pre-requisite: FIN1101 and FIN1103 and STA300

The current trend in the funds management industry is away from security analysis (stock picking) and towards asset allocation (managing the balance of equities, bonds, cash etc.). The former, which has been called investment management, has been surpassed in importance 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 management of the portfolio including the selection of assets, the utilisation of modern portfolio methods and the revision of the portfolio; and the management 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 (FBEA - UGRD)
Units 1.0 (Banking and Finance) Band 3

Pre-requisite: FIN1101 and FIN1102

In this course, students will be exposed to the personal financial planning environment and process. The environment covers the regulatory frameworks within which financial planners operate as well as their responsibilities. The process covers the various components of personal financial planning: investment, credit, superannuation and retirement, insurance, social security and estate planning. The concepts are integrated through the study of financial plan construction. Formerly FIN1106.

FIN2108 CREDIT ANALYSIS AND LENDING MANAGEMENT (FBEA - UGRD)
Units 1.0 (Banking and Finance) Band 3

Pre-requisite: FIN101

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

FIN2302 FINANCIAL ECONOMICS (FBEA - UGRD)
Units 1.0 (Banking and Finance) Band 3

Pre-requisite: ECO1000 and FIN101 and FIN103 and STA2300

Financial Economics is a course in economic theory and relevant applications for finance students. It draws upon well-established microeconomic theory, which helps to provide an understanding 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.

FIN3101 FINANCE THEORY AND APPLICATIONS (FBEA - UGRD)
Units 1.0 (Banking and Finance) Band 3

Pre-requisite: FIN101 and FIN1103

This course extends and material presented in FIN101 and FIN202. 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 propositions 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 structures 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, acquisitons and governance is explored. Formerly FIN2101.

FIN3106 INTERNATIONAL FINANCE (FBEA - UGRD)
Units 1.0 (Banking and Finance) Band 3

Pre-requisite: FIN202

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

FIN3109 MANAGING FINANCIAL INSTITUTIONS (FBEA - UGRD)
Units 1.0 (Banking and Finance) Band 3

Pre-requisite: FIN101

This course provides a broad overview of how financial institutions perform their financial services to the community. A range of topics is addressed 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 and hedging and pricing with various interest rate derivatives. Formerly FIN2109.

FIN5003 DECISION SUPPORT TOOLS (FBEA - PGRD)
Units 1.0 (Banking and Finance) Band 3

The course aims to enhance the ability of managers to make decisi ons by formulating real world problems, often featuring ambiguity, in a manner which allows them to apply quantitative and qualitative management tools. The generalised approach of problem formulation, modelling, solution, interpretation and decision making will be addressed. The course will deal with the issues of data reduction, inference testing, forecasting, decision analysis, location and layout deci sions. Last but not least, project management and quality management, Formerly MGMT6101.

FIN104 INTERNATIONAL FINANCIAL MANAGEMENT (FBEA - PGRD)
Units 1.0 (Banking and Finance) Band 3

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

FIN2011 FINANCE FOR EXECUTIVES (FBEA - PGRD)
Units 1.0 (Banking and Finance) Band 3

This course will introduce students to financial markets, the tools and concepts of basic finance, comprehension of basic financial state events, time value of money, valuation of shares and bonds, risk and return considerations, capital budgeting and the cost of capital. It then introduces the first of three courses in the finance stream as such, should be seen as introducing many of the key concepts and founda tions upon which the other two courses are built. Many of the finance concepts studied in this course have a global as well as domestic applicability. In addition, this course adopts 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.

FIN2021 INTERNATIONAL FINANCIAL MARKETS AND INSTRUMENTS (FBEA - PGRD)
Units 1.0 (Banking and Finance) Band 3

Pre-requisite: FIN2021

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 markets, institutions and instruments, the operations of which largely determine key financial variables which affect decisions to save and invest in the real economy. The main components of the Australian financial system and its interaction with major markets in the world are explained. In addition, a number of uniquely international financial topics are examined and a number of contemporary topics such as the recent global financial crisis are discussed.

FIN3022 INVESTMENT MANAGEMENT (FBEA - PGRD)
Units 1.0 (Investment and Securities) Band 3

Pre-requisite: FIN2021 or FIN5000

This course introduces the student to contemporary financial invest hire, analysis, and practice. Students could gain an understanding of major investment instruments such as debt and equity securities and company funds. Students also acquire knowledge and techniques for making strategic investment decisions with the consideration of risk. The course structure helps the student to develop the up-to-date mathematical literacy sufficient to understand investments.

FTR1000 ELEMENTS OF GRAPHIC DESIGN (FBELA - UGRD)
Units 1.0 (Journalism) Band 1

A comprehensive, specialist course designed to develop professional graphic design skills for digital artists through production-based learning environments. Students will develop a solid understanding of all processes involved in creating graphically based assets for production including conceptualization, research and planning through to production outcomes and uses.

FTR1002 FUNDAMENTALS OF MEDIA (FBELA - UGRD)
Units 1.0 (Journalism) Band 1

This course introduces students with an interest in the areas of Television and Film/Video Production. Students will be introduced to the range of possibilities for 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.

FTR1003 CINEMATIC LANGUAGE (FBELA - UGRD)
Units 1.0 (Journalism) Band 1

Students develop their understanding of elements of film history, cinematic form and technical practice of the narrative film. Students will address questions of narrative form, style and genre and consider film as a social, cultural and ethical document. Cinematic Language examines the notion of cinema and its role in society, how to approach films and what is the film as form and might be, and develops their general knowledge of the medium.
FTR1004 EDITING (FBELA - UGRD)
Units 1.0 (Journalism) Band 1
This course provides students with the necessary training in order to understand and use the practical skills associated with digital video editing. Through the study of non-linear editing styles, students will gain an understanding of the development in technologies and the guiding concepts for video editing, such as systems, interface, hardware, importation and organisation media, audio effects, and the visual style.

FTR1005 LOCATION PRODUCTION (FBELA - UGRD)
Units 1.0 (Journalism) Band 1
This course provides students with the necessary training in order to understand and safely operate a professional digital video camera in a variety of locations. Students will learn via practical exercises 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.

FTR1006 SCRIPTWRITING (FBELA - UGRD)
Units 1.0 (Journalism) Band 1
Students learn to understand the various processes involved in developing story ideas into script form. Students build technical, analytical and research skills within narrative, story, character, dialogue and characterisation. Students will conceptualise and develop basic original stories, generate outlines and write scripts from original and pre-existing material. Students will then combine studio shots in camera so as to give a better understanding and practice of the writer’s methods in storytelling as it relates to the cinema industry.

FTR1007 PRODUCTION MANAGEMENT (FBELA - 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, post-production and distribution stages of a media production. All aspects of pre-production will be examined including identifying and generating story ideas, proposal development, project pitching, production budgeting, scheduling, legal, insurance and time management. Equally students will journey through the production process, the post-production phase and finally the distribution of the production.

FTR2001 SHORT FILM PRODUCTION (FBELA - UGRD)
Units 1.0 (Communication & Media Studies) Band 1
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 deft in a variety of pre-arranged formats. Emphasis will be placed on projects recorded on location although there are opportunities for studio-based production.

FTR2002 BROADCAST RADIO AND AUDIO PRODUCTION 1 (FBELA - UGRD)
Units 1.0 (Communication & Media Studies) 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 also is designed to make students familiar with the use of sound recording studio equipment, the editing suite, and the audio recording situation. This course cannot be taken as an Option or Elective.

FTR2003 TELEVISION STUDIO PRODUCTION (FBELA - UGRD)
Units 1.0 (Audio Visual Studies) Band 1
Pre-requisite: FTR1005
This course is an introduction to Television studio production, utilizing a highly refined practice-based teaching model to suit this medium. It provides an experiential understanding of the technical skills and the creative application of these skills in working with others in a collective effort, where each student team members are responsible for total control of another for the creative outcome - a completed production. Students learn how to function in crew roles (16-18 per class), handle and creatively operate studio cameras, lighting rigs, and as well, vision and audio microphones. Students will have a grasp of television studio environment. Students will be supplied with study materials and tutorials in order to allow them to produce three projects as part of the course, including: incorporating the students’ original ideas and scripts. The skills learned here will be developed further in FTR2005 Advanced TV Studio.

FTR2004 ADVANCED EDITING (FBELA - UGRD)
Units 1.0 (Audio Visual Studies) Band 1
Pre-requisite: FTR1000 and FTR1004
This course provides an opportunity to expand on content, style and form within the field of video editing methodologies. The course is designed for committed editors who aspire to further develop their craft. With a strong emphasis on hands-on, students acquire advanced technical and professional skills in practical editing, and to work at a professional level on range of productions. It requires students to build on knowledge and skills acquired in FTR1002 Editing and other key courses within the major.

FTR2005 3D MODELLING (FBELA - UGRD)
Units 1.0 (Communication & Media Studies) Band 1
Pre-requisite: FTR1000
A comprehensive, specialist course designed to develop professional 3D skills for digital artists through production-focused learning environments. Students will develop a solid understanding of all processes involved in creating 3D assets for production including conceptualization, research and planning through to production outcomes and uses. Students are encouraged to test their conclusions experimentally during workshops utilising both image manipulation and modelling programs.

FTR2006 DOCUMENTARY AND FACTUAL ENTERTAINMENT (FBELA - UGRD)
Units 1.0 (Communication & Media Studies) Band 1
Pre-requisite: FTR1005 and FTR1007 or MEA1001 and MEA1004
This course develops in students the organisational, planning and strategic skills required for documentary and factual entertainment production. It requires them to demonstrate a grasp of documentary and factual entertainment production. Students will produce a completed original documentary or factual entertainment production in video.

FTR2008 BROADCAST RADIO AND AUDIO PRODUCTION 2 (FBELA - UGRD)
Units 1.0 (Journalism) Band 1
Pre-requisite: FTR2003
Media producers must have the ability to pursue projects from conception to completion. This course requires students to produce a set of significant and innovative radio projects which will involve students in the processes involved in producing and scheduling a media project. 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 addition, students will use audio production to enhance video production, and to produce a high quality production within the broadcast specialty.

FTR2009 ADVANCED BROADCAST TELEVISION (FBELA - UGRD)
Units 1.0 (Journalism) Band 1
Pre-requisite: FTR2003
Advanced Broadcast Television allows students the opportunity to complete production ideas in a range of genres and modes of a production for the single camera productions style. Students will gain a highly supportive teaching staff and a crew consisting of class mates. Using both the studio and OB facilities, students will produce works chosen and determined by the requirements of the production and/or the client’s needs. Students will produce original work that will be pitched to the class, chosen and then scripted. Then in assigned groups students will select for major roles will be responsible for the production and the others perform minor roles, offering each student the opportunity to shine. All four productions will receive a complete evaluation by students to plan a broadcast pathway for their future projects.

FTR2010 POST PRODUCTION AND VFX (FBELA - UGRD)
Units 1.0 (Audio Visual Studies) Band 1
Pre-requisite: FTR1000
A comprehensive, specialist course designed to develop professional skills for digital artists through production-focused learning environments. Students will develop a solid understanding of the processes involved in creating and integrating visual effects into their production pipelines. This will include digital motion graphics, visual effects and compositing techniques to name a few.

FTR2011 CG ANIMATION (FBELA - UGRD)
Units 1.0 (Communication & Media Studies) Band 1
Pre-requisite: FTR1000
A comprehensive, specialist course designed to develop professional CG animation skills for digital artists through production-focused learning environments. Students will develop a solid understanding of the processes involved in creating and integrating visual effects into their production pipelines. This will include digital motion graphics, visual effects and compositing techniques to name a few.

FTR3000 MEDIA BUSINESS (FBELA - UGRD)
Units 1.0 (Audio Visual Studies) Band 1
This course provides an opportunity to expand on the content and form of media theory and production, film and style. It requires students to build on knowledge and skills acquired in FTR1003 Cinematic Language, FTR3002 Story and Style, FTR3003 Media Business. This course has been designed to allow students to explore different areas of practice, style, and form while preparing for higher degree research. Students will use this course to undertake structured independent learning under the guidance of a supervisor.

FTR3004 MAJOR BROADCAST PRODUCTION (FBELA - UGRD)
Units 1.0 (Audio Visual Studies) Band 1
Units 1.0 (Audio Visual Studies) Band 1
This course provides an opportunity to produce a high quality production within the broadcast specialty for the single camera productions style. It requires students to build on knowledge and skills acquired in FTR1003 Cinematic Language, FTR3002 Story and Style, and FTR3003 Media Business. This course will require students to produce an original work that will be pitched to the class, chosen and then scripted. Then in assigned groups students will select for major roles will be responsible for the production and the others perform minor roles, offering each student the opportunity to shine. All four productions will receive a complete evaluation by students to plan a broadcast pathway for their future projects.

FTR3005 TELEVISION PRODUCTION: STUDIO PRACTICE (FBELA - PGRD)
Units 1.0 (Audio Visual Studies) Band 1
Pre-requisite: FTR5001
This is an introductory postgraduate level course that will introduce students to professional television practice in terms of developing, planning and executing a range of different styles of productions. This will include a variety of drama, in studio and incorporate the production of a television commercial from planning to finished product.

FTR5001 TELEVISION PRODUCTION: LOCATION (FBELA - PGRD)
Units 1.0 (Audio Visual Studies) Band 1
Pre-requisite: Students must be enrolled in the following Program: GCDP Co-requisite: FTR5000
This course provides students with the opportunity to develop skills and knowledge through location camera work within the framework of television production. Students will attend the discipline and design of television news, feature pieces, and special projects. Within this there will be development of skills in lighting, camera operation, writing and practice the strategic use of a range of tools and also work with the website distribution channels.
Pre-requisite: GIS4102 and GIS4407. Students must be enrolled in one of the following Programs: GCHH or GDDH or MNSG or MOHH or PMHN or MNRS or MNSG or PCGH or MDHH or MDDH.

This course covers the fundamentals of Web GIS and convolves with GIS development and implementation, GIS programming, geodatabase design and implementation, in one of the following Programs: GDST or MSST or GCST or MENS.

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

HEA8001 CONTEXTS OF PRACTICE (FHESC - UGRD)

Units 1.0 (Health not elsewhere classified) Band 2
Pre-requisite: Students must be enrolled in one of the following Programs: PHN1 or MNSG or PDEV or GCHH or MDHH or MDDH.

This course is a core introductory course in the Graduate Certificate of Health (all specializations). The course provides a professional, legal, ethical and research foundation for health professionals who wish to extend their knowledge, and advance their practice capacity within their chosen specialisation. Completion of this foundation course is preparatory to the other courses within each specialisation. At the completion of this course, students will be cognisant of the professional, legal, ethical and regulatory boundaries to their chosen area of practice, and be able to implement strategies to ensure their practice is evidence-based.

HEA8101 FOUNDATIONS OF GERONTOLOGY PRACTICE (FHESC - UGRD)

Units 1.0 (Health not elsewhere classified) Band 2
Pre-requisite: Students must be enrolled in one of the following Programs: MNSG or PHN1 or PDEV or GCHH or MDHH or MOHH.

This course provides a focus for quality health care provision for older adults, building on and expanding prior knowledge and skills from undergraduate level courses. The course will provide advanced concepts to enhance clinical decision making and practice related to older adults across a wide spectrum of clinical settings and the community. Learning outcomes will address key concepts such as theories of ageing, contemporary practice, cultural issues significant to local, national and international healthy ageing care practices.

HEA8102 PERSPECTIVES OF HEALTHY AGEING (FHESC - UGRD)

Units 1.0 (Health not elsewhere classified) Band 2
Pre-requisite: Students must be enrolled in one of the following Programs: GCHH or GDDH or MNSG or MOHH or MDHH or MDDH.

The aim of this course is to expand the student's knowledge of the changes that occur with normal ageing, the pathophysiology of ageing and preventative and therapeutic measures to promote healthy ageing. This significant age group increases in size associated with physical and mental aspects of the older adult person and strategies to maintain health status can be gained. This course will also explore the spiritual and psychosocial aspects of ageing and therapeutic ap proaches that may assist individuals to provide a higher level of care.

HEA8105 PERSPECTIVES ON 'END-OF-LIFE' PRACTICE (FHESC - UGRD)

Units 1.0 (Planning not classified) Band 4
Pre-requisite: Students must be enrolled in one of the following Programs: GCHH or GDDH or MNSG or MOHH or PDEV.

This course provides an opportunity for health care professionals to further develop their knowledge and skills in relation to end-of-life, explore palliative care approaches, and practices supporting loss and bereavement. Health professionals will explore related theory, historical influences, cultural influences, and models of practice with a balance of applications and also explore both malignant and non-malignant palliative illnesses. Concepts will reflect a range of health care settings, across the lifespan, and will be interdisciplinary in approach, critical thinking and clinical decision making processes to promote holistic, person-centred care. The role of family is significant in this care and those in the caring process will be reflected throughout the course.

HEA8201 INTRODUCTION TO CLINICAL EDUCATION (FHESC - UGRD)

Units 1.0 (Health not elsewhere classified) Band 2
Pre-requisite: Students must be enrolled in one of the following Programs: MNSG or PDEV or GCHH or MDHH or MDHH or MDDH.

This course focuses on developing knowledge for facilitating learning in rural clinical settings, for students, peers and other health professionals, and the development of a rural interprofessional team work, active learning and building support networks at a district level. This course has been developed to be completed as a Professional development activity, with an internal, non-award certificate awarded on completion covering competencies and practical activities. Part A focuses on building foundational knowledge of the core elements for promoting active learner-centred in the clinical setting, including assessment of learning. Part B addresses the communication aspects of interprofessional education including communication, peer support practices, creating positive environments and networking at a distance - working remotely. Completion of this course will provide a firm foundation for supporting learning in non-urban settings.

HEA8202 RELATIONSHIPS FOR PROFESSIONAL LEARNING AND PROFESSIONAL DEVELOPMENT (FHESC - UGRD)

Units 1.0 (Health not elsewhere classified) Band 2
Pre-requisite: Students must have completed HEA8001 and HEA8201 and be enrolled in one of the following Programs: MNSG or PDEV or GCHH or MDHH or MDHH or MDDH and be employed as a practising health professional.

This course develops skills and knowledge around advance television production and media. It will engage with relevant professional literature and help students gain the on the job plan for engagement of these learning, on their own experiences and as well as evidence based literature from within the literature. Participants will identify a suitable mentor to provide peer and professional support and direction. Students will be actively involved in the analysis of television programs in engaging with contemporary literature, completing a mentor-mentee negotiated agreement and developing further personally and professionally to meet the demands of professional learning in a clinical context.

HEA8301 FUNDAMENTALS OF COMMUNITY HEALTH PRACTICE (FHESC - UGRD)

Units 1.0 (Health not elsewhere classified) Band 2
Pre-requisite: Students must be enrolled in one of the following Programs: PHN1 or MNSG or MNSG or PDEV or GCHH or MDHH or MOHH.

This course is designed to provide community health practitioners with a solid conceptual grounding in community health, (including its historical foundations and contemporary genres) as this is framed by trans-disciplinary and culturally informed approaches. Students will become familiar with the scope of community health practice, and implications of applying various practice approaches. The concept of community will be critically examined as this is applied to place, ecology, culture and identity and health-risk factors. Students will develop the knowledge necessary to assess community health needs & aspirations, and develop interventions through a range of translational experiences that can be able to be broadened and deepened in an empowerment process within these practices. In some respects this course will be on some of its content will be inclusive of health issues pertaining to regional and local communities of South West Queensland, yet it will be structured in a way to give it international relevance. It will focus on critical epistemological and sociocultural perspectives, with the emphasis on the 'ecology of community health' as an analytical lens of community will be critically examined as this applies to place, communication, peer suppor t principles, creating positive environments and networking at a distance - working remotely. The purpose of this course is to enable community health practitioners with a solid conceptual grounding in community health, (including its historical foundations and contemporary genres) as this is framed by trans-disciplinary and culturally informed approaches to health community health. Key professional competencies primarily focus on knowledge areas and secondarily on skills areas including the conceptual and practice of community health, the importance of trans-disciplinary, epidemiologically and culturally-informed approaches to community health, the main tenets of empowerment practice and articulation of these in a number of discrete areas of community health assessment and project implementation approaches.

HEA8302 CULTURE AS A DETERMINANT OF HEALTH (FHESC - UGRD)

Units 1.0 (Health not elsewhere classified) Band 2
Pre-requisite: Students must be enrolled in one of the following Programs: GCHH or GDDH or MOHH or PDEV or MNSG or MNSG.

The purpose of this course is to enable health and social well-being practitioners to increase theoretical understanding of the ways in which issues of culture impact on health and to develop the necessary skills to address these issues effectively. In adopting a 'determinants of health' approach the scope of application is relevant for clinical, community and socio-political settings. Power, the use of professional power and cultural equity are major themes. Students will be encouraged to explore a broader and multi-faceted notion of culture and to consider the potential implications of applying multiple, cultural minority groups. Content and assessment items will make it unique. However it will also be clearly recognizable as community health course. Key professional competencies primarily focus on knowledge areas and secondarily on skills areas including the conceptual and practice of community health, the importance of trans-disciplinary, epidemiologically and culturally-informed approaches to community health assessment and project implementation approaches.
HEA8001 WAR AND SOCIETY (FBELA - UGRD)
Units 1.0 (History) Band 1
Pre-requisite: Students must be enrolled in one of the following Programs: BA(H) or MATA or MSTA or DPEV.

This course engages with questions about the ‘ideals’ of Europe and Eurasia. It introduces students to modern European history by examining some of the forces and trends that influenced development more than the Black Death (1348) and the rise of nationalism in the sixteenth and seventeenth centuries. As well as surveying European Indigenous experiences, it explores the impact of war and politics on different societies engaged in conflict. This seminar course is designed to provide opportunities for students to engage with the methodologies of European, Asian, African, and Middle Eastern histories, and to develop skills in research methods, historical interpretation and written presentation.

HEA8002 THEMES IN TRANSNATIONAL HISTORY (MASTERS) (FBELA - PGRD)
Units 1.0 (History) Band 1
Pre-requisite: Students must be enrolled in one of the following Programs: MA(H) or MSTA or MSTA or DPEV.

This course examines the rise and fall of civilizations from the Neolithic period to the start of the European Renaissance. Focusing on cultural change, political and religious beliefs, and, in particular, social structures, students will explore the historical processes that will bring a civilization to an end, and will acquire analytical and research skills. The course introduces students to the methodologies of historical research. It focuses on the connected themes that shape the world in the twenty-first century, and explores the impact of ideas, events, and institutions that have shaped human societies. Students analyse key events, ideas, and trends in the history of the European, Global, and Middle Eastern histories, and to develop skills in research methods, historical interpretation and written presentation.

HEA8003 COMMUNITY DEVELOPMENT AND HEALTH (FHESC - PGRD)
Units 1.0 (Nursing not classified) Band 4
Pre-requisite: Students must be enrolled in one of the following Programs: GCHH or GDHH or MOHH or MNSG or PDEV.

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Consult the Handbook on the Web at http://www.usq.edu.au/handbook/current for any updates that may occur during the year.
HSW3210 HEALTH AND WELLBEING IN FOREIGN POLICY (FHECS - UGRD)
Units 1.0 (Policy Studies) Band 1
Attaining the highest standard of health possible is a human right. However, the availability, accessibility, affordability and acceptability of the high-quality health care that is essential for securing this right is largely a matter of government policy. Much depends on political will and commitment of governments to deliver and undertake the bargaining demand for, and cost of, health care. Attaining this universal right presents a major challenge to low income countries. However, it is also an uncertain prospect in wealthier nations, such as Australia. In the past few decades, politically and fiscally conservative national states like Australia have made substantial changes to how much they pay for health care, and consequently, the amount of funds they allocate to the process of formulating, developing, analysing, evaluating, and advocating for or against government policy. It also examines the way in, and extent to, which, Australian governments have framed, funded, and provided public health care and otherwise provided public health care since shifting to neoliberalism and economic rationalism.

HSW3299 FIELDWORK PLACEMENT C (FHECS - UGRD)
Units 2.0 (Community Health) Band 2
Pre-requisite: CDS2002
This course enables students to apply the concepts of vulnerability, safety, care, advocacy, and law to disability and aged care settings. The course employs a holistic approach to assessment and management as students extend their prior learning by applying knowledge to placement experiences. This course will facilitate the development of students' personal and therapeutic communicative skills with the aim of producing learners who are able to demonstrate assessment skills, critical thinking, reflection, the ability to prioritise and the safe transfer of theory to the real world of practice and to subsequent courses of study.

IMH5001 PHILOSOPHY OF ABORIGINAL AND TORRES STRAIT ISLANDER HEALTH (CISER - PGRD)
Units 1.0 (Indigenous Health) Band 2
The course focuses on the wider view Indigenous Australians have of health (both physical and mental) compared with the Western medical model and the importance of culturally appropriate strategies and interventions in assessment, diagnosis and treatment of common mental health problems. The course places particular emphasis on the process of formulating, developing, analysing, evaluating, and advocating for or against government policy (it also examines the way in, and extent to, which, Australian governments have framed, funded, and provided public health care and otherwise provided public health care since shifting to neoliberalism and economic rationalism).

IMH5002 INDIGENOUS AUSTRALIAN MENTAL HEALTH TODAY (CISER - 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 and how and whether symptoms are expressed and how they are understood. The available data in that, compared with non-Indigenous Australians, Indigenous Australians suffer a higher burden of mental health problems. It is 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 treatment. The course also deals with implications of mental health problems experienced by Indigenous people, including the greater contact with the criminal justice system. Some consider hospitalisations for most types of mental and behavioural disorders be explored. The course also deals with implications of 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.

IMH5003 CULTURALLY APPROPRIATE INTERVENTION STRATEGIES IN INDIGENOUS MENTAL HEALTH (CISER - 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 interventions in relation to major issues such as substance abuse and dependence, suicide, psychotic illness, anxiety and depression. Thus the core of the course is a critique of culturally appropriate in treatment strategies, or ‘right way’ approach, in alleviating the suffering of Indigenous clients. In this context, participants will be exposed to ethical and culturally sensitive strategies for establishing a relationship, the formal assessment process (in collaboration with Indigenous Mental Health or Health workers), pre-interview procedures, appropriate 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.

INR1000 INTERNATIONAL RELATIONS IN A GLOBALIZING ERA (FBELA - 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, multinational 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, human rights and justice, and on the practice of diplomacy through a critical presentation of three major competing analytical perspectives of realist/systems states, worlds, plural and liberal/realism.

INR1001 GLOBAL TRANSITIONS AND HUMAN SECURITY (FBELA - UGRD)
Units 1.0 (Political Science) Band 1
Pre-requisite: INR1001
INR1001 develops students' knowledge and analytical skills by focusing on several issues including human security. Australia’s role in international politics and its international security interests are considered. These topics are considered within a human security framework, and have a particular emphasis on their currency to Australia and the region.

INR2000 ISSUES IN A GLOBALIZING WORLD (FBELA - UGRD)
Units 1.0 (Human Geography) Band 1
Pre-requisite: INR1000 or INR1001
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 the 'great powers', the European powers and the emerging powers.

INR2002 CONTEMPORARY ISSUES IN ASIA (FBELA - UGRD)
Units 1.0 (Political Science) Band 1
Pre-requisite: INR1000
Major themes of political, social and economic development are considered, with the relevance of these theories to Northeast 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, democracy, military, political institutions and ethnicity being considered.

INR3000 AUSTRALIAN FOREIGN RELATIONS (FBELA - UGRD)
Units 1.0 (Political Science) Band 1
Pre-requisite: INR1000
This course provides a detailed analysis of Australian foreign policy. It seeks to acquaint students with Australia's historic and contemporary relations on a global basis, including a specific emphasis on Asia-Pacific region, and to identify factors that have contributed to the development of the current system. The course also discusses the international role of Australia in the present era.
ISE7001 TALKING THE TALK: CLAIMING YOUR SPACES WITHIN ACADÉMIA (CISER - NONA)

Units 1.0 (General Education Programmes) Band 3

This course focuses on oracy as a pathway to literacy, structured text patterns of speech and written text and the correlation between written and oracy in educational systems. Using a combination of self-paced online instruction and face to face delivery, students will develop an understanding of written and spoken text patterns and apply the learned principles in a written report and an oral presentation to develop the knowledge that students bring with them and facilitates self-identification as a scholar.

ISE7002 LEARNING THE LINGO: ACADEMIC WRITING (CISER - NONA)

Units 1.0 (General Education Programmes) Band 3

Using a combination of self-paced online instruction and face to face delivery, students will focus on academic skills development. Conventions of academic writing and disciplinary texts will be provided in a broad context to best enable students to continue in their career of their choice. This course focuses on academic skills development in creative writing, hearing, understanding, interpreting and writing theory in an academic context, and on academic conventions and academic writing under the learning objectives, with an emphasis on creative and critical thinking and argumentation in tertiary studies.

ISE7004 MATHEMATICS AS STORYTELLING (CISER - NONA)

Units 1.0 (General Education Programmes) Band 3

The course uses a broad range of themes and stories to engage students and help them develop an understanding of mathematical knowledge in real life contexts.

ISE7005 WALKING THE WALK: APPLYING TERTIARY SKILLS (CISER - NONA)

Units 1.0 (General Education Programmes) Band 3

Using a combination of self-paced online instruction and face to face delivery, students will focus on academic skills development. Conventions of academic writing and disciplinary texts will be provided in a broad context to best enable students to continue in their career of their choice. This course focuses on academic skills development in creative writing, hearing, understanding, interpreting and writing theory in an academic context, and on academic conventions and academic writing under the learning objectives, with an emphasis on creative and critical thinking and argumentation in tertiary studies.

ISE7006 ACADEMIC CONVENTIONS AND INDIGENOUS RESEARCH METHODOLOGIES (CISER - NONA)

Units 1.0 (General Education Programmes) Band 3

Using a combination of regulated online instruction and face to face tutoring, the course will provide students with skills and knowledge necessary for research conventions, discipline-specific language and theory, and intellectual property (IP) issues for Aboriginal peoples. The course will include research practices in discipline areas and the creation of a word list and theoretical framework for emancipation for university.

JRN1010 NEWS LITERACY (FBELA - UGRD)

Units 1.0 (Journalism) Band 1

This course will help students to become more discerning news producers and 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 information.

JRN1020 JOURNALISM PRACTICE (FBELA - 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 necessity of students to identify newsworthiness information and, in their news writing, achieve accuracy, fairness and balance within the conventions and procedures required regularly on journalism. Students will be introduced to news values, journalism research, interview skills and the traditional structure of print news stories. They will be given considerable practice in writing effective introductory sentences, handing attribution and quotations, and constructing complete news stories.

JRN2000 NEWS REPORTING (FBELA - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: JRN1000 or JRN1020

This course teaches you to find, report and write news stories for key reporting units including government, crime and the courts and sports. It builds on the news judgment and writing skills learned in JRN1000/1020 Journalism Practice. The emphasis is on learning by doing. You will receive theoretical instruction and considerable practice in interviewing, note-taking, reporting and story organisation. The journalistic role in society will be defined and explored through the use of research techniques involving interviews, the Internet and databases. To successfully complete this course, you must have access to the Internet.

JRN2001 PHOTOJOURNALISM AND EDITORIAL DESIGN (FBELA - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: JRN1000

This course will concentrate on the development of sub-editing, layout and design skills through theoretical studies and practical work. A local point will be the professional issues that arise in the process of making sub-editing decisions. Instruction will be given in copy-typing, layout, handling images, proofreading, production procedures, and production processes. Students are expected to have regular access to e-mail and the Internet.

JRN2002 RADIO JOURNALISM (FBELA - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: JRN1000 or JRN1020

This course provides students with a hands-on introduction to report writing, recording and presenting broadcast news for a working professional with real-life deadlines. It stresses current affairs knowledge. Students will learn to record and edit stories, think independently to 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 broadcasting in society, including the theoretical debates concerning the news media's key functions. Topics covered include radio news in context, broadcast news production, news writing style and mechanics, interview technique, voice production and editorial decision-making.

JRN2006 MEDIA LAW AND ETHICS (FBELA - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: JRN1000 or JRN1020

Students will examine the Australian legal system, deltamark, contempt of court and parliament, and the law of copyright. The study of major developments in moral philosophy will form a foundation on which to analyse specific cases, with particular reference to the MEEA (Journalists) Code of Ethics.

JRN3001 ONLINE JOURNALISM (FBELA - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: JRN1000 or JRN1020

This course prepares students for work in the modern newsroom, where the newsgathering process is in flux but the responsibilities of journalists remain firm. Within this framework, students will develop an advanced understanding of online storytelling by thinking creatively about multimedia and exploring 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. Students 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 FEATURE WRITING (FBELA - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: JRN1000 or JRN1020

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

JRN3003 BROADCAST NEWS (FBELA - UGRD)

Units 1.0 (Journalism) Band 1

Pre-requisite: JRN2002 and students who have successfully completed JRN2005 should not enrol in JRN3003.

This course focuses on improving individual skills in writing, reporting and editing, and teamwork skills for the production of broadcast news. An introduction to television news will provide students with an ability to analyse and produce broadcast news reporting practice. The course will take a practical approach to enhancing advanced interview, writing and broadcast news reporting skills. Students will also examine the ethical and professional issues surrounding digital journalism's new technologies and the demands of an increasingly competitive industry.

JRN3004 ANALYTICAL AND OPINION WRITING (MASTERS) (FBELA - PGRD)

Units 1.0 (Journalism) Band 1

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

This course advances students understanding of the influences, practices and impact of impact journalism and opinion writing as they develop their ability to write news and feature articles with imaginative flair. Students will investigate major political and social issues through peer discussions, analysis and undertaking original research and writing projects. They will further explore some of the classical traditions in these areas of journalism including questions of moral certainty and argument as well as rhetorical strategies demonstrated by best practice in journalism by developing a critical understanding of researchers' practices in editorialising and analysis of the contemporary issues affecting society and government. As a result, the course helps students to achieve high professional standards in publishing investigative features, ideas and opinions.

JRN3004 SPECIALISED REPORTING (MASTERS) (FBELA - PGRD)

Units 1.0 (Journalism) Band 1

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

In reporting and writing on a major round or beat, journalists are expected to communicate clearly, accurately and creatively on complex issues related to specialised areas of knowledge. This course helps students to develop their expertise in reporting the current news and ideas from a particular journalistic ‘round’ including international affairs, politics, the environment, the police and crime. Students will advance their skills in critical analysis of specialised news reporting, complex story telling and writing with imaginative flair. The emphasis will be on explanatory reporting for the general public to facilitate the ability to engage investigative reporting projects of a high-quality, publishable standard. Students will reflect on their professional practice in the context of ethical issues and values related to truth-telling.

KLN1001 INDIGENOUS CULTURAL IDENTITY (CISER - 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-Indigenous perspectives, an historical view of the role of Aboriginal and Torres Strait Islander societies, Policies and practices and impact of journalistic analytical and opinion writing as they develop their ability to write news and feature articles with imaginative flair. Students will investigate major political and social issues through peer discussions, analysis and undertaking original research and writing projects. They will further explore some of the classical traditions in these areas of journalism including questions of moral certainty and argument as well as rhetorical strategies demonstrated by best practice in journalism by developing a critical understanding of researchers' practices in editorialising and analysis of the contemporary issues affecting society and government. As a result, the course helps students to achieve high professional standards in publishing investigative features, ideas and opinions.

KLN1002 TORRES STRAIT ISLANDER STUDIES (CISER - UGRD)

Units 1.0 (Indigenous Studies) Band 1

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KNL2001 INDIGENOUS KNOWLEDGE AND ANTHROPOLOGY (CISER - UGRD)
Units 1.0 (Indigenous Studies) Band 1
A course on managing and recording Indigenous knowledge should provide an understanding of traditional Indigenous knowledge systems and their relationship to the environment, technology and science, language and communication, survival skills, arts 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 within Aboriginal and Torres Strait Islander cultures and societies to the learner. It will illustrate the purposes of maintaining the knowledge of different groups to document such knowledge. In this course, students will gain knowledge and understanding of the structure and influence of knowledge in Indigenous 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 Australian Indigenous societies and cultures, Indigenous intellectual property rights and copyright; Research ethics in Indigenous 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 ONLINE offering and advised of this change before semester commences.

LAC2001 LANGUAGE, CULTURE AND CUSTOM (FBELA - UGRD)
Units 1.0 (Northern European Languages) Band 1
Pre-requisite: LAC1002
Studying German or Chinese as part of an Arts, Business, Engineering, Science, Education, or IT degree, to a degree 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 cultures 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 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 by signing up for the correct lecture course. New students with some previous knowledge of either German or Chinese are advised to contact the lecturer in the relevant language discipline at the beginning of the semester to determine their most suitable starting point in the major.

LAC2002 LANGUAGE, HISTORY AND IDENTITY (FBELA - UGRD)
Units 1.0 (Northern European Languages) Band 1
Pre-requisite: LAC2001
IMPORTANT: Students must elect to study EITHER the German OR the Chinese stream of this course by signing up for the correct lecture course. Students are not permitted to enrol in both streams. LAC2002 builds on the knowledge of cultural and historical context and understanding of Indigenous Australian societies and cultures. The content and structure of this course will emphasise the need for a stimulating and rigorous study of the historical understanding of cultural interaction and difference in and across communities and relationship connections, focusing on the intergenerational transmission of accumulated knowledge and understanding associated with Indigenous Australian populations, and reconstructing these images on a basis of historical and cultural understanding of, and empathy towards, those peoples who are the original inhabitants of this country. Throughout the course, students will be encouraged to explore the diversity and complexity of Indigenous Australian cultures and societies, and the challenges facing the survival of those cultures and societies. The course brings together Indigenous and non-Indigenous perspectives and viewpoints to correct the imbalance in knowledge that is characterised by a predominant focus on the experience and interpretation of Indigenous Australians. 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 ONLINE offering and advised of this change before semester commences.

LAC1001 LANGUAGE SURVIVAL SKILLS (FBELA - A)
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 course. Students are not permitted to enrol in both streams. LAC1001 requires NO prior knowledge of German or Chinese. The course aims to equip students with basic communication skills in the language and to provide an introduction to aspects of target-language culture and sociocultural norms and etiquette. Emphasis is on listening and speaking skills, with an introduction to the structure and grammar of the target-language. It is envisaged that a formally recognised in-country study experience will provide students with more advanced language skills at the conclusion of this level and will normally involve the application of such skills and knowledge to a specific area of study or activity.

LAC3002 LANGUAGE AND CULTURE SPECIAL PROJECT A (FBELA - UGRD)
Units 1.0 (Northern European Languages) Band 1
Pre-requisite: LAC3001 or for GERMAN language competency levels of B1 or above
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 students the opportunity to explore a topic of relevance to German/Spanish/Australian or Chinese cultures, history, society, business, engineering, performing or creative arts and to present their findings both in a written essay/report in the target language (approx. 850 words) and in a formal presentation. Students are expected to draw on in-country experiences and to communicate insights gained overseas. It is envisaged that a formalised in-country experience or study experience will enhance students’ post-graduate 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.

LAW1011 AUSTRALIAN LEGAL SYSTEM (FBELA - UGRD)
Units 1.0 (Law) Band 3
Pre-requisite: Students must be enrolled in one of the following Programs: LLBP or BLAW or BALW or BBLA or BCBL or BLCB
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 includes the development of skills in legal research and writing. These skills are explicitly taught and assessed throughout the course. Students are required to undertake research and write a research paper in consultation with their tutor for each of the cases studied in the course. Students will complete written assignments on legal topics and skills. Students will need to have read and researched the relevant legal authorities before attending class. 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 Australian legal system, which includes the following topics: the Australian legal institutions, sources of law, the development of the common law system, and the legal system.
Consult the Handbook on the Web at http://www.usq.edu.au/handbook/current for any updates that may occur during the year.

UNITS 1.0 (Law) Band 3
Pre-requisite or Co-requisite: (LAW1111 and LAW1112) or LAW1201
LAW1113 (Part A) (weeks 1 to 6 of semester 1) concerns aspects of the law re: the rights of the consumer. The subject is self-contained 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 knowledge of the legal requirements for contract formation: the capacity of parties to enter into it, and the required content of a contract. LAW1113 (Part B) (weeks 7 to 12 of semester 1) concerns aspects of the law of torts which sets the standards of behaviour between members of society. Students 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.

UNITS 1.0 (Law) Band 3
Pre-requisite or Co-requisite: (LAW1111 and LAW1112) or LAW1201
LAW1114 BUSINESS AND CONSUMER LAW (FBEA - UGRD)
Units 1.0 (Business and Commercial Law) Band 3
Pre-requisite: LAW1101 and Students enrolled in one of the following Programs: BLAW or BBLW or BBIL or BBIA or BCLA or BIBL.

Law and Business provides a broad introduction to international human rights law, the personality, jurisdiction and responsibility, and the use of force. It considers the sources, principles and institutions of international law, with particular case studies of international human rights law. The course will examine the various sources of international human right law, the role of the High Court in the interpretation of the Constitution. Limits to law making powers will be considered with particular reference to the extent to which the interpretation of the Constitution should evolve as the needs of society change, and to consider the development of Australia's constitutional federalism since 1901.

UNITS 1.0 (Law) Band 3
Pre-requisite: LAW1111 or (LAW2201 and LAW2203)
LAW1242 CIVIL OBLIGATIONS C (TORTS) (FBEA - UGRD)
This course broadens the students' knowledge of the extent of the civil obligations imposed by the law of torts. It will build upon the understanding of the principles of the law of torts gained in Civil Obligations A (Contract and Torts). Students will gain an understanding of a variety of negligence torts, the possible defences to them and the principles involved. The course will also examine a number of other representative torts including nuisance and nervous shock.
Consult the Handbook on the Web at http://www.usq.edu.au/handbook/current for any updates that may occur during the year.
LAW5211 ADVANCED CONSTITUTIONAL LAW (FBELA - PGRD)
Units 1.0 (Constitutional Law) Band 3
Pre-requisite: (LAW5111 and LAW5112) or LAW5101
The constitutions of Australian governments are the basis by which powers are allocated between the levels of government. Under the limits of those powers and the way in which the various government levels interact is the basis of understanding how law making in Australia. This course will consider developments of constitutional law in Australia: the Commonwealth and State Constitutions, including the division of powers between different levels of government (the federal system), the relationship between Federal and State Governments over which they have 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 and the students will be encouraged to consider the interpretation of the Constitution should evolve as the needs of society change, and to critically reflect on the development of Australian constitutionalism since federation.

LAW5212 ADVANCED EQUITY (FBELA - PGRD)
Units 1.0 (Law) Band 3
Pre-requisite: Students enrolled prior to 2016: LAW5111 and LAW5112; or LAW5051. All other students: (LAW5113 and LAW5123) or (LAW5601 and LAW5602 and LAW5603).
No study of law is complete without an understanding of the area of law which examines and ameliorates the harms incited by common law rules. This course aims to provide a theoretical framework for the underlying fundamental principles of the law of Equity. The material will explore the historical development of equity, its relationship with common law and the 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 rules. Finally, students may be expected to be able to critically evaluate developments and comment on the direction of the principles to deal with new circumstances.

LAW5213 ADVANCED PROPERTY AND TRUSTS B (FBELA - PGRD)
Units 1.0 (Law) Band 3
Pre-requisite: (LAW5111 and LAW5112) or LAW5501 and LAW5113 and LAW5114.
Possession and transfer of property of all types has been and continues 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 common law rules and presumptions and how different areas of property law operate. Students will be encouraged to critically evaluate the legal rules and their application in different contexts. The course will consider the legal rules that determine how property is divided and the role of charitable trusts within this framework. Honours students will be able to explore the legal rules that govern secret and off shore trusts. The course will also reflect on the social and international contexts which influence property law. Finally, students will be expected to be able to critically evaluate developments and comment on the direction of the principles to deal with new circumstances.

LAW5222 ADVANCED PROPERTY AND TRUSTS B (FBELA - PGRD)
Units 1.0 (Law) Band 3
Pre-requisite: (LAW5112 and LAW5123) or (LAW5705 and LAW5703). This course continues the study of property law commenced in Property and Trusts A. It particularly looks at leasing, mortgages, easements and restrictive covenants. Following this, a legal and equitable interests in property will be covered which leads into the second part of the course, which is devoted to the law of trusts. The focus is on the principles of the United States law in order to determine the interests in property. The use of trusts as a business form and method of property management continues to be popular and it is necessary to appreciate the rights and responsibilities that arise in this context. Students will consider all potential legal risks and liabilities that come with this structure.

LAW5223 ADVANCED THEORIES OF LAW (FBELA - PGRD)
Units 1.0 (Law) Band 3
Pre-requisite: LAW5114 or LAW5052.
While most law courses examine the legal rules in the technical rules of the common law, this course aims to examine the principles of philosophy which critique the basis of those rules. Students will study various forms of thought that have shaped modern legal thinking, including legal positivism, natural law, feminism, realist and critical theories of law and, liberal, social and radical political theories. Against the background of classical and modern legal theory, consideration will also be given to philosophers of virtue and character - particularly as applicable to lawyers.

LAW5230 TAXATION LAW (FBELA - PGRD)
Units 1.0 (Taxation Law) Band 3
Pre-requisite: (ACCS502 or ACCS505 or ACCS5216 or ACCS518) and (LAW59503 or LAW52101 and LAW52120).
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 1936 and 1997 and the Goods and Services Tax Act 1999 (GSTA). Topics covered include assessable income, residence, capital gains tax, allowable deductions, classes of taxpayers, calculation of tax payable and offsets/rebates of tax, tax administration provisions, the taxation of business entities and goods and services tax.

LAW5311 ADVANCED COMPANY LAW (FBELA - PGRD)
Units 1.0 (Business and Commercial Law) Band 3
Pre-requisite: LAW5122 or LAW5705.
Companies are the business form of choice which dominate the commercial landscape. The size, complexity and structure of companies varies greatly. The objective of this course is to provide students with an overview of the mechanisms of company law. On completion of this course, students will have sufficient legal information concerning the corporate business form, including formation and characterisation of a company; the corporate constitution; corporate finance, share structure and membership; constitution and powers of the board and general meeting; and the relationship of the corporate authority; corporate governance including directors' duties; shareholders' remedies; and administration and winding up of the company.

LAW5312 ADVANCED ETHICS FOR LAWYERS (FBELA - PGRD)
Units 1.0 (Legal Practice) Band 3
Pre-requisite: Students enrolled prior to 2016 - LAW5121 or LAW58850 and LAW59501. All other students: LAW5212 or LAW5705.
The course deals with the nature of legal practice, and involves further study of philosophies of applied ethics in legal practice. It includes ethics exercises in latter drafting, and accounting for client money. Topics studied include the nature of professional ethics, profession, ad- dvice and discipline; engagement; and responsibilities in relation to the conduct of litigation and advocacy. The course is designed to equip lawyers with the skills which allow them to identify and formulate meaningful legal problems, to plan and execute a critical literature review, and to ground their research in a theoretical 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 law. The course has an emphasis on developing high standards of research and writing skills.

LAW5321 ADVANCED RESEARCH PROJECT (FBELA - PGRD)
Units 1.0 (Law not elsewhere classified) Band 3
Pre-requisite: LAW5123 or LAW59501 and LAW56068.
This course aims to familiarise students with the theoretical issues that are involved in undertaking legal research, and to prepare students for later research projects. Students will learn about the methods involved in undertaking a research project, with an emphasis on preparing a proposal. This will include a critical examination of the theoretical underpinning of research, and an awareness of the social and ethical considerations involved in the conduct of research. The course is designed for students who have completed an honours degree or postgraduate research project. They will be expected to use their legal research skills to complete a research proposal that can be used by future researchers in their field of study.

LAW8001 LEGAL RESEARCH METHODOLOGY (FBELA - PGRD)
Units 1.0 (Law not elsewhere classified) Band 3
Pre-requisite: Students must be enrolled in one of the following programs: LLB, LLM or PhD.
This course provides an introduction to basic research for students undertaking an LLB. Honours year, a J.D., an LLM, or a PhD in Law. Students will discuss the philosophy of research and gain a deep understanding of the theoretical perspectives that 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 law. The course has an emphasis on developing high standards of research and writing skills.

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This course aims to assist students to adapt new knowledge and skills relating to education law to the school management environment. Graduates of this course will gain confidence in identifying possible legal problems before and as they arise based on their knowledge of various statutory, contractual, and common law duties, especially the duty to take reasonable care, which underpin the educational process. Students will be challenged to critically examine and evaluate the legal rights and obligations of various stakeholders, including students and parents, educators, and administrators who advise the role of managing schools. To promote the development of practical skills, students will be encouraged to use a professional and ethical approach to problem solving and, to share their own experience and valued knowledge with others in the course. Participants will also gain a better understanding of the legal system in Australia, the role of lawyers, when to involve them, and how to work most effectively with them.

LAW8118 INTERNATIONAL BUSINESS LAW (FBELA - PGRD) Units 1.0 (International Law) Band 3 Pre-requisite: (LAW5111 and LAW5112) or Students must be enrolled in the following Program: LLBH

This course examines the impact of the law on the enterprises that conduct international business and on particular transactions entered into by such enterprises. The law concerning the formation and some other aspects of international sales contracts especially 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 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 with the focus being on international commercial arbitration.

LAW5000 AUSTRALIAN COMMERCIAL AND CORPORATIONS LAW (FBELA - PGRD) Units 2.0 (Law) Band 3 Pre-requisite: (LAW5111 and LAW5112) or Students must be enrolled in the following Program: LLBH

This course is designed to provide students with general legal knowledge that covers the components of the Australian legal system, civil liability in contract, torts, and the theory of agency and trusts, with particular emphasis on Australian company law.

LAW7001 CONSTITUTIONAL HUMAN RIGHTS (FBELA - PGRD) Units 1.0 (Constitutional Law) Band 3 Pre-requisite: (LAW5111 and LAW5112) or Students must be enrolled in one of the following programs: MBAC or MBPA or MBPAE or MB12 or GDBS or MPU12 or MPU21 or MPU22 or MPU31 or MPU32

This course will consider the constitutional protection of fundamental human rights such as presumption of innocence, right to silence, the right to natural justice, the operation of fairness in sentencing, and property rights. It will consider the extent to which such rights have progressively been eroded by Australian statutes, in the context of a comparison with equivalent legal regimes elsewhere.

LAW7003 COMPARATIVE EMPLOYMENT LAW (FBELA - PGRD) Units 1.0 (Law not elsewhere classified) Band 3 Pre-requisite: (LAW5111 and LAW5112) or Students must be enrolled in the following Program: LLBH

This course introduces students to current debates on the various theoretical underpinnings of employment law, which include the freedom of contract theory, rights-based theories and theories in equity. Upon an examination and evaluation of these competing theories, the course moves on to analyse the transplantation of common law principles in regulating the individual employment relationship and the development of common law jurisdictions. Students complete their study by examining the role of the International Labour Organisation and the impact of international norms and treaties on the domestic laws of selected jurisdictions.

LAW7004 CORPORATE GOVERNANCE LAW (FBELA - PGRD) Units 1.0 (Business and Commercial Law) Band 3 Pre-requisite: (LAW5111 and LAW5112) or Students must be enrolled in the following Program: LLBH

The major purpose of this course is to provide specialist instruction on the legal processes, responsibilities and potential liabilities affecting corporate officers. The course will use key cases to develop the key framework around these topics. Particular attention will be given to the role of the general liability. The course will also address the question of what is "best practice" for corporate officers.

LAW7005 CROSS-BORDER LITIGATION (FBELA - PGRD) Units 1.0 (International Law) Band 3 Pre-requisite: (LAW5111 and LAW5112) or Students must be enrolled in the following Program: LLBH

The course deals with the private international law of Australia, the United States and the European Union (as applied in the United Kingdom) as it applies in commercial litigation. It addresses the law in this field that deals with claims in contract, commercial torts and debts, commercial equity and restitution.

LAW8701 CONSTITUTIONAL HUMAN RIGHTS (FBELA - PGRD) Units 1.0 (Constitutional Law) Band 3 Pre-requisite: (LAW5111 and LAW5112) or students must be enrolled in one of the following programs: MBAC or MBPA or MBPAE or MB12 or GDBS or MPU12 or MPU21 or MPU22 or MPU31 or MPU32

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LIN8001 PRINCIPLES OF SECOND LANGUAGE LEARNING (FBELA - PGRD)
Units 1.0 (English as a Second Language) Band 5

The course examines recent research in second language acquisition and the theoretical issues underlying such research in terms of (a) various approaches to assessing and describing learner language, (b) the notion of ‘interlanguage’, (c) the question of transfer from the learner’s first language, (d) the development of individual learner characteristics, learning processes and strategies involved in second language learning and communication, (e) sociolinguistic factors affecting individual language use; (f) social and cultural factors affecting L1 and L2 use; (g) strategies for increasing the implications of second language learning in research and 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 ONLINE offering and advised of this change before semester commences.

LIN8002 METHODOLOGY IN TEACHING A SECOND LANGUAGE (FBELA - PGRD)
Units 1.0 (English as a Second Language) Band 5

This course links theory with practice in teaching the four macrolinguistic areas: listening, speaking, reading and writing with content and grammar incorporated. Language learning objectives and outcomes are based on a student-orientation aimed at developing communicative competence in contexts that are socially and culturally relevant. Principles of second language teaching methodology are grounded in research. This course is highly recommended that LIN8001 be studied prior to LIN8002.

LIN8003 LANGUAGE PROGRAM MANAGEMENT (FBELA - PGRD)
Units 1.0 (English as a Second Language) 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 teacher education, the development and delivery of CALL applications such as multimedia / hypermedia and Internet tools, and what teachers need to know about CALL. 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 ONLINE offering and advised of this change before semester commences.

LIN8006 COMPUTER-ASSISTED LANGUAGE LEARNING (FBELA - PGRD)
Units 1.0 (English as a Second Language) 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 teacher education, the development and delivery of CALL applications such as multimedia / hypermedia and Internet tools, and what teachers need to know about CALL. 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 ONLINE offering and advised of this change before semester commences.

LIN8007 LANGUAGE AND LITERACY ASSESSMENT (FBELA - PGRD)
Units 1.0 (English as a Second Language) Band 5

This course examines the current knowledge about language and literacy and assessment and provides students with the opportunity to relate their study to their particular language and literacy assessment context. The course introduces the different types of language and literacy tests, assessment techniques, their purposes and investigates issues of reliability and validity. Students will develop their own assessment in which they will demonstrate their understanding of assessment design and interpretation of results.

LIN8015 INTRODUCTION TO SECOND LANGUAGE GRAMMAR (FBELA - PGRD)
Units 1.0 (Linguistics) Band 1

This course examines the development of language in the society in which it is used. This course provides students with an overview of the most relevant concepts concerning language and society, as well as language and culture. It provides students, equipped with linguistic and language teachers with an understanding of the social aspects of language, including the most topical issues of language planning and policy, sociolinguistic aspects of language use, attitudes towards social dialects and other language varieties. This course is useful not only for teachers and education majors, but also for future advocates in mainstreaming native community languages, including language program managers at institutional 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 ONLINE offering and advised of this change before semester commences.

LIN8019 TEACHING LANGUAGES TO YOUNG LEARNERS (FBELA - PGRD)
Units 1.0 (English as a Second Language) Band 5

This course identifies and examines the issues and influences that impact on young language learners’ success and educational progress, and the approaches and strategies teachers require to maximise students’ opportunities for learning. It will draw upon current theory and research, and will consider the design and implementation of innovative pedagogical approaches, including incorporation of digital communication technologies. Students will have the opportunity to relate their study to their particular students and language-learning context.

MAC1901 MATHEMATICS FOR TEACHERS (FHECS - UGRD)
Units 1.0 (Mathematics) Band 2

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 mathematically, and through mathematical activities, gain confidence in solving mathematical problems. The content of the course will include the following topics: measurement and geometry; number and algebra; statistics and probability.

MAC5901 ISSUES IN TEACHING MATHEMATICS (FHECS - PGRD)
Units 1.0 (Teacher Education not otherwise) Band 5

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 mathematically, and through mathematical activities, gain confidence in solving mathematical problems. The content of the course will include the following topics: measurement and geometry; number and algebra; statistics and probability, and will be offered as a second year option for those wanting to teach Years 11 and 12.

MAR8003 MASTER OF ARTS PROJECT A (FBELA - PGRD)
Units 2.0 (Studies in Human Society) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MSTA or MARA and have successfully completed HMT4005 or BCA8002 or equivalent.

This 2 unit course enables students enrolled in the Master of Arts program to either complete their thesis, or their practice-led project with 10,000 word exegesis. The thesis shall be based 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. The practice-led project will be accompanied by a written exegesis and will enable students to explore at an advanced level the intersection between theory and practice applying their empirical knowledge. The emphasis will be on practice on practice in order to identify and articulate significant discoveries made through experiential methodology to increase Masters-level discipline expertise. This course should be taken with MAR8004 (in separate semesters).

MAR8004 MASTER OF ARTS PROJECT B (FBELA - PGRD)
Units 2.0 (Studies in Human Society) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MSTA or MARA and have successfully completed MAR8003.

This 2 unit course enables students enrolled in the Master of Arts program to either complete their thesis, or their practice-led project with 10,000 word exegesis. The thesis shall be based 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. The practice-led project will be accompanied by a written exegesis of 10,000 words and will enable students to explore at an advanced level the intersection between theory and practice applying their empirical knowledge. The emphasis will be on practice on practice in order to identify and articulate significant discoveries made through experiential methodology to increase Masters-level discipline expertise.

MAR8005 DISSERTATION, EXEGESIS OR PROJECT (FBELA - PGRD)
Units 2.0 (Studies in Human Society) Band 1

Pre-requisite: 4 units of completed Postgraduate Study and minimum GPA 5, or recommendation of Examiner.

Students will undertake a written research project (10,000 words) or a creative 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 a self-directed research. The written work may be presented in the format of a research-based paper for publication in an approved academic or professional journal. For creative projects, the creative work can be in the form of a short story, exhibition, performance, literary work, film, song, etc., or other approved format. Students are encouraged to 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.

MAR8006 GUIDED ARTS STUDIES A (FBELA - PGRD)
Units 1.0 (Studies in Human Society) Band 1

Pre-requisite: Students must have successfully completed HMT4005 or BCA8002.

This 1 unit course enables students to undertake research in an area of specialist study through independent learning. The course builds on theory and practice taught previously in students’ chosen arts major. To complete this course students will be required to devise a special research project on a central theme or topic area. Students will demonstrate advanced scholarship through the submission of a project proposal or an extended research essay completed in 2 parts. The total word count of the assessment will be 5,000 words.

MAR8007 GUIDED ARTS STUDIES B (FBELA - PGRD)
Units 1.0 (Studies in Human Society) Band 1

Pre-requisite: Students must have successfully completed HMT4005 or BCA8002.

This 2 unit course enables students to undertake research in an area of specialist study through independent learning. The course builds on theory and practice taught previously in students’ chosen arts major. To complete this course students will be required to devise a special research project on a central theme or topic area. Students will demonstrate advanced scholarship through the submission of project proposal or an extended research essay completed in 2 parts. The total word count of the assessment will be 5,000 words.

MAR8008 MASTER OF ARTS PROJECT C (FBELA - PGRD)
Units 2.0 (Studies in Human Society) Band 1

Pre-requisite: MAR8003 and MAR8004

This 2 unit course enables students selected enrolled in the Masters program to either complete extended 30,000 word thesis or an extended practice-led research project with 20,000 word exegesis. This course is a continuation of the work commenced in MAR8003 and MAR8004.

MAT1000 MATHEMATICS FUNDAMENTALS (FHESC - UGRD)
Units 1.0 (Mathematics) Band 2

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.

MAT1008 BUILDING PROFESSIONAL NURSING ATTRIBUTES B (FHECS - UGRD)
Units 0.5 (General Nursing) Band 4

Pre-requisite: Students must be enrolled in the following program: BNRJ Co-require: CMUS1008

This course provides nursing students with a sound understanding of the basic body functions and their role in normal and abnormal health processes, including the use of numbers for measuring medications and ratios of delivery. The students are also expected to understand the concepts of ratio and proportion and the use of units, 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 nursing learning management system, computer-based communication, management and storage of information in the patient record, basic computer skills and how to create presentations. The course will be closely linked to other courses in the first year nursing program.
MAT1010 FOUNDATION MATHEMATICS (FHESC - UGRD)
Units 1.0 (Mathematics) Band 2

This course introduces the 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 algebra and graph theory.

MAT1012 ALGEBRA AND CALCULUS I (FHESC - UGRD)
Units 1.0 (Mathematics) Band 2

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 algebra and graph theory.

MAT1200 OPERATIONS RESEARCH I (FHESC - UGRD)
Units 1.0 (Mathematics) Band 2

This course focuses on the model development, analytical techniques and available software packages necessary for the solution of post-optimal analysis of linear programming, integer programming, transportation, assignment, network, and critical path problems.

MAT2000 ALGEBRA AND CALCULUS II (FHESC - UGRD)
Units 1.0 (Mathematics) Band 2

Pre-requisite: MAT1010 or MAT1502 or EM1001 or Students must be enrolled in one of the following program: MSCN

Module 1 is an introduction to ordinary differential equations (ODEs) and series including direction fields. Euler's method, first order separable ODEs, first and second order linear ODEs with constant coefficients, matrix methods for second order systems. Module 2 is a development of calculus including representation of functions of several variables, surfaces and curves in space, partial differentiation, optimisation, direct linearisation, gradient, divergence and curl, line integrals of the 1-st and 2-nd kind, iterated integrals, Green's theorem. Simulation problems and the Black-Scholes equation is introduced and studied by simulation and in theory. Techniques for solving such equations by means of FFT's for multi and multi Fourier transforms are applied. This is applied to financial problems and the Black-Scholes differential equation is formulated and solved. Brownian motion processes are introduced and used to select a variety of option pricing models. In the last part of the course the student will solve option pricing problems based on the Black-Scholes model. The oncampus offering of this course is normally available in odd numbered years. The external offering of this course is available yearly.

MAT3105 HARMONIC PARTIAL DIFFERENTIAL EQUATIONS (FHESC - UGRD)
Units 1.0 (Mathematics) Band 2

Pre-requisite: ENM2600 or 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-Liouville 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 approximates mathematical and physical interpretation. Nonlinear PDEs are introduced and discussed. The oncampus offering of this course is normally available only in odd numbered years. The external offering of this course is available yearly.

MAT2409 HIGH PERFORMANCE NUMERICAL COMPUTING (FHESC - UGRD)
Units 1.0 (Mathematics) Band 2

Pre-requisite: CSC1401 and MAT1010 or ENM1001 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 software development environments 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 utilizing modern graphics is exploited.

MAT3103 MATHEMATICAL MODELLING AND DYNAMICAL SYSTEMS (FHESC - UGRD)
Units 1.0 (Mathematics) Band 2

Pre-requisite: MAT2100 or MAT2500 or ENM2600

This 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. This course emphasises the importance of the dimensional analysis and demonstrates the close connection between phase-plane concept and qualitative analysis of solutions of ODEs. The basics of technical communication in the mathematical sciences are developed throughout the course. The oncampus offering of this course is normally available only in even-numbered years. The external offering of this course is available yearly.

MAT3104 MATHEMATICAL MODELLING IN FINANCIAL ECONOMICS (FHESC - UGRD)
Units 1.0 (Mathematics) Band 2

Pre-requisite: MAT2100 and STA2300; or MAT2500 and STA2300; or (ENM2600 and STA2300); or Students must be enrolled in the following Program: MSEP

This course begins by investigating models of economic activity and the financial and economic strategies which are used to stimulate economic activity. After this models of financial processes, such as equity prices, interest rates, bond yields, and so on are considered. Simulation models of such processes are developed and used in experiments using scripts written in R and sclab which are supplied on the course website. Students may choose whether to use sclab or - it is not necessary to use both. The theory of stochastic differential equations is introduced and studied by simulation and in theory. Techniques for solving such equations by means of FFT's for multi and multi Fourier transforms are applied. This is applied to financial problems and the Black-Scholes differential equation is formulated and solved. Brownian motion processes are introduced and used to select a variety of option pricing models. In the last part of the course the student will solve option pricing problems based on the Black-Scholes model. The oncampus offering of this course is normally available only in odd numbered years. The external offering of this course is available yearly.

MAT3103 HARMONIC PARTIAL DIFFERENTIAL EQUATIONS (FHESC - UGRD)
Units 1.0 (Mathematics) Band 2

Pre-requisite: ENM2600 or 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-Liouville 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 approximates mathematical and physical interpretation. Nonlinear PDEs are introduced and discussed. The oncampus offering of this course is normally available only in odd numbered years. The external offering of this course is available yearly.

MAT2409 HIGH PERFORMANCE NUMERICAL COMPUTING (FHESC - UGRD)
Units 1.0 (Mathematics) Band 2

Pre-requisite: CSC1401 and MAT1010 or ENM1001 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 software development environments 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 utilizing modern graphics is exploited.

MAT3103 MATHEMATICAL MODELLING AND DYNAMICAL SYSTEMS (FHESC - UGRD)
Units 1.0 (Mathematics) Band 2

Pre-requisite: MAT2100 or MAT2500 or ENM2600

This 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. This course emphasises the importance of the dimensional analysis and demonstrates the close connection between phase-plane concept and qualitative analysis of solutions of ODEs. The basics of technical communication in the mathematical sciences are developed throughout the course. The oncampus offering of this course is normally available only in even-numbered years. The external offering of this course is available yearly.

MAT3104 MATHEMATICAL MODELLING IN FINANCIAL ECONOMICS (FHESC - UGRD)
Units 1.0 (Mathematics) Band 2

Pre-requisite: MAT2100 and STA2300; or MAT2500 and STA2300; or (ENM2600 and STA2300); or Students must be enrolled in the following Program: MSEP

This course begins by investigating models of economic activity and the financial and economic strategies which are used to stimulate economic activity. After this models of financial processes, such as equity prices, interest rates, bond yields, and so on are considered. Simulation models of such processes are developed and used in experiments using scripts written in R and sclab which are supplied on the course website. Students may choose whether to use sclab or - it is not necessary to use both. The theory of stochastic differential equations is introduced and studied by simulation and in theory. Techniques for solving such equations by means of FFT's for multi and multi Fourier transforms are applied. This is applied to financial problems and the Black-Scholes differential equation is formulated and solved. Brownian motion processes are introduced and used to select a variety of option pricing models. In the last part of the course the student will solve option pricing problems based on the Black-Scholes model. The oncampus offering of this course is normally available only in odd numbered years. The external offering of this course is available yearly.

MBA800 APPLIED BUSINESS RESEARCH AND ETHICS (FBELA - PGRD)
Units 1.0 (Business and Management) Band 3

This course provides the opportunity for a student to pursue an area of study that will complement the other studies in the student's program. 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 program in the studies.

MECA101 ENGINEERING MATERIALS (FHESC - UGRD)
Units 1.0 (Materials Engineering) Band 2

This course provides a comprehensive introduction to the fundamental aspects of materials science and engineering. It covers the structure and properties of materials, including metals, ceramics, polymers, and composites, and their applications in various engineering fields. The course explores the relationship between the physical properties of materials and their structural, mechanical, and performance characteristics. Students will learn about the different types of materials, their production processes, and how their properties can be tailored for specific applications.

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MEC1501 INTRODUCTION TO INDUSTRIAL PROCESSES (FHEC - UGRD)
Units 1.0 (Process and Resources Engineer) Band 2
Pre-requisite: CV1050 or Students must be enrolled in one of the following Programs: GCEC or GCSN or GCNS or GEMR or MENS
This introductory course enables the student to achieve a basic understanding of the manufacturing systems in use in a number of different industrial processes. This is further developed in the next course “Process Control System”, where process controllers are designed and implemented by applying the fundamental principles covered in this course, together with the theory and application of Fluid Mechan- ics, Thermodynamics, Electrical and Electronic Circuits, Sensors and Actuators, Control Systems, Computer Aided Design and Computer Aided Manufacturing Interface Systems. The aim of this course is to enable the student to develop a basic understanding of the operation of controllers used in a wide range of industrial processes, including basic process control, petro-chemical processing, mining and ore processing, and manufac- turing. The course is aimed at those who for the first time are discussing on the equipment used, safely considering, sustainable life, by-products, and control requirements and control strategies.

MEC2101 THERMODYNAMICS (FHEC - UGRD)
Units 1.0 (Mechanical, Industrial Engineer) Band 2
Thermodynamics is that branch of physics which seeks to reveal re- lationships between properties of matter, especially those which are affected by temperature and pressure. This branch of science is also the basis in analyzing machinery and systems in which the energy exchanges occur. Thermodynamics is therefore the oldest and most important part of any mechanical engineering course of study.

MEC2102 INTRODUCTION TO THERMO-FLUIDS (FHEC - UGRD)
Units 1.0 (Mechanical, Industrial Engineer) Band 2
Pre-requisite: (MAT1500 or ENM1500) and CV1101 or Students must be enrolled in one of the following Programs: GCEC or GCSN or GCNS or GEMR or MENS
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 behaviour in the static and dynamic conditions. The course is designed to give the student the ability to analyse many practical problems in fluid flow. This is especially important for those students who are involved in designing and controlling systems in which fluid is the working medium. The content of this course in- cludes a study of the basic laws of dynamics, vibrations 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 machinery elements.

MEC2103 DESIGN OF MACHINE ELEMENTS (FHEC - UGRD)
Units 1.0 (Mechanical, Industrial Engineering) Band 2
Pre-requisite: MEC2102 or Students must be enrolled in one of the following Programs: GCEC or GCSN or GCNS or GEMR or MENS
This course aims to integrate the knowledge that the student has gained in the previous courses, and develop the student’s skills towards synthesis of solutions by working through the design of simple, complete, complex systems and components. This course develops at an appropriate level, theoretical and practical knowledge is reinforced by practical demonstrations and videos.

MEC2304 SOLID MODELLING (FHEC - UGRD)
Units 1.0 (Mechanical, Industrial 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 a methodology in the importance of mod- eling as a design, drafting, communications and manufacturing tool.

MEC2401 DYNAMICS I (FHEC - UGRD)
Units 1.0 (Mechanical Engineering) Band 2
Pre-requisite: (MAT1502 or MAT1102 or ENM1600) and CV1101 or Students must be enrolled in one of the following Programs: GCEC or GCSN or GCNS or MENS or GEMR
A working knowledge of the basic laws of motion and of the concepts of force are fundamental for the solution of many engineering problems. This course covers the development of Newton’s laws and the application of those laws to simple mechanical systems. The student is also introduced to the concept of the work-energy theorem. The course is designed to give the student the ability to perform calculations, and to use hand calculators, to solve problems involving the motion of simple, constrained mechanical systems.

MEC2402 STRESS ANALYSIS (FHEC - UGRD)
Units 1.0 (Mechanical Engineering) Band 2
Pre-requisite: CV1101 or Students must be enrolled in one of the following Programs: GCEC or GCSN or GCNS or MENS or GEMR
Every structure or machine has to perform its intended function within a predetermined and acceptable probability of failure. Stress analysis addresses the strength and rigidity of structures and ma- chines while in use. It predicts how force is carried through structures and mechanisms and how the forces at any point in any individual member resist the forces. Such an analysis is essential to the design function and the analysis function. Every engineer who has to make design and operation decisions must have a fundamental understanding of stress analysis and its use in the design process.

MEC2405 MACHINE DYNAMICS (FHEC - UGRD)
Units 1.0 (Mechanical Engineering) Band 2
Pre-requisite: CV1101 or Students must be enrolled in the following Program: GCEC
A knowledge of the basic laws of dynamics, vibrations 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 CONTROL SYSTEMS (FHEC - UGRD)
Units 1.0 (Process and Resources Engineer) Band 2
Pre-requisite: MEC1501 and CV1050 or CV1060 or CV1070 or CV1080 or CV1090
This course takes a multi-disciplinary approach to provide the student with knowledge of key practical issues and skills in design and implement process control systems. These designs would include the specification of vital hardware systems and associated sensors and actuators to allow safe and effective control of the overall system’s performance. The principles of control theory that the course relies on are covered in the courses MEC1501 and MEC2101. The course also further expands on the fundamental knowledge gained in the pre-requisite course “Introduction to Industrial Process eX” by enabling students to undertake the specification, design and implementation of selected safety and control systems suitable for food processing, manufacturing, mining, ore processing, and petrochemical processes.

MEC2902 MECHANICAL PRACTICE 2 (FHEC - UGRD)
Units 0.0 (Mechanical, Industrial Engineering) 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.

MEC3002 MECHANICAL PRACTICE 2 (FHEC - 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. The focus in this activity is on the effective use of resources and the design and construction of the device in accord- ance with the design specification developed in Part One. Part Three covers the testing of the developed device in terms of the performance criteria set in Part One.

MEC3101 FLUID MECHANICS (FHEC - UGRD)
Units 1.0 (Mechanical, Industrial Engineering) Band 2
Pre-requisite: (MAT2500 or ENR2500) and MEC2101 or Students must be enrolled in one of the following Programs: GCEC or MECR or GCSN or GEMR or MENS or GNMW
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 content of this course includes a study of the nature and statics of fluids (including viscosity, internal viscous flow (eg: laminar and turbulent flows in pipes and ducts), Viscous flow around bodies, boundary layer and compressible flow.

MEC3203 MATERIALS TECHNOLOGY (FHEC - UGRD)
Units 1.0 (Mechanical, Industrial Engineering) Band 2
Pre-requisite: MEC2101 or Students must be enrolled in one of the following Programs: GCEC or GCSN or GEMR or MENS or GNMW
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 prop- erties and consequently it is necessary for the engineer to have a sound working knowledge of the characteristics and behaviour during processing/laboration and in service of the common types of engineering materials. This course extends the basic course “Engineering 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 systems analysis, evaluation, synthesis, and application in material selection and failure analysis processes of materials.

MEC3204 PRODUCTION ENGINEERING (FHEC - UGRD)
Units 1.0 (Industrial Engineering) Band 2
Pre-requisite: MEC2101 and Students must be enrolled in one of the following Programs: GCEN or METC or GCNS or GDNS or MEPR or MENS or MECR
This course takes a multi-disciplinary approach to provide the student with the knowledge of key practical issues and skills in design and implement process control systems. These designs would include the specification of vital hardware systems and associated sensors and actuators to allow safe and effective control of the overall system’s performance. The principles of control theory that the course relies on are covered in the courses MEC1501 and MEC2101. The course also further expands on the fundamental knowledge gained in the pre-requisite course “Introduction to Industrial Process eX” by enabling students to undertake the specification, design and implementation of selected safety and control systems suitable for food processing, manufacturing, mining, ore processing, and petrochemical processes.

MEC3209 MECHANICAL AND MECHATRONIC SYSTEM DESIGN (FHEC - UGRD)
Units 1.0 (Mechanical Engineering) Band 2
Pre-requisite: MEC2104 and MEC2401 and MEC2402 or Students must be enrolled in one of the following Programs: GCEC or GCSN or GEMR or GNMW or GNMW or GNSW or MENS or MECR
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 complete on a CAE facility through the semester. Consider- able emphasis is placed on the appropriate use of the finite element method in the design process.
MEC3403 DYNAMICS II (FHESC - UGRD)
Units 1.0 (Mechanical Engineering) Band 2
Pre-requisite: MEC2401 and (MAT2500 or EMTH2000) Students must be enrolled in one of the following Programs: GCEN or METC or MEMS or EMTH2000 or MENS

A characteristic of mechanical engineering is that things move. Parts are subjected to forces, causing them to accelerate. They impact on each other, the resulting impacts causing changes in momentum. Parts spin and must be balanced while gaseous forces operate. Vehicle designs are subject to aerodynamic fields and propulsive thrusts. Fluctuating forces cause vibrations that can have many modes that can shake a part out of shape. The student of this advanced course must develop the ability to analyze all of these. The ability to analyze comes when there are some basic features, and a set of mathematical techniques to subject to mathematical equations, many of them of an advanced nature. Thus, the student will learn to apply the laws of mechanics to different types of problems, such as the design of equipment and machinery that are subject to complex loads and forces. The student will be able to solve problems using matrix differential equations, vectors, operators, matrices and tensors. These skills are built upon an understandable solution to solving engineering problems, illustrated where possible by real-time simula
tions.

MEC3903 MECHANICAL PRACTICE 3 (FHESC - UGRD)
Units 0.0 (Mechanical, Industrial) Band 2

The course comprises two parts - engineering metrology and computer assisted machining. It is the aim of this course to provide stu
dents with practical skills associated with both of these areas. Metrology activities include precision measurement of component features, form and geometry utilising specialised measuring instru
ments and gages. From the analysis and presentation of measurement data another form of metrology, Computer aided machining (CAM) programming methods, process preparation, program verification and machining utilising computer software is included. The activities will be carried out indi
dividually as in groups.

MEC3904 MECHANICAL PRACTICE 4 (FHESC - UGRD)
Units 0.0 (Mechanical, Industrial) Band 2
Pre-requisite: MEC3102 or MEC3106 Students must be enrolled in one of the following Programs: GDSS or MENS or MEPR

This course aims at providing students 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 experience with fluid mechanics and heat transfer in fluid systems. You will be given the opportunity to lead the team.

MEC3905 MECHATRONIC PRACTICE (FHESC - UGRD)
Units 0.0 (Mechanical, Industrial) Band 2

In mechatronics, mechanical, electrical, and computing elements are combined and integrated together. This course develops mechanical, electrical, software and interfacing aspects of a mecha
tronics system through a progressive sequence of experiments. Motor is connected to a computer through a power amplifier, while another motor is connected through an analog interface to determine its speed. A line or two of code makes speed control possible. The student will learn to estimate flow rates in pipes and ducts, head loss in fluid sys
tems, and head flow in steady and transient thermal systems. You will work as part of a team and will be given the opportunity to lead the team.

MEG1001 ORGANISATIONAL BEHAVIOUR (FBELA - UGRD)
Units 1.0 (Organisation Management) Band 3

From an Organisational Behaviour and Management perspective, management is the process of organizing the people who make up an organi
sation. To ensure that the organisation’s goals are accompl
ished. This course is therefore about ‘people’ management. The course will expose you to a series of foundational theories about per
son behaviour within organisations that will give you some insight into how best to manage yourself and others in the work environment. The first part of the course focuses on self-leadership or self-manage
gment and gives you a chance to think about how you should approach planning your career over the period of your study. The second part of the course gives you some useful background information about the nature of management within organisations and the nature of structure and culture as organisational systems. The third part of the course focuses on the management of others as individuals within organisations. Specifically it looks at the contribution of individual’s psychology, sociology, and organisational practices to their work with organisations. The final section of the course focuses on the manage ment of others as groups and teams and covers topics such as communication, conflict, politics and power.

MEG2000 WORKFORCE DESIGN (FBELA - UGRD)
Units 1.0 (Human Resource Management) Band 3

This course provides an introduction to human resource man
agement (HRM) to develop a conceptual understanding of the field of HRM by presenting an overview of the principles, theories and practices related to HRM. The focus is on how the human resources component contributes to creating competitive advantage and sustainable value for organisations and society. This primary emphasis is the linkage between HRM and organisational strategy. The course concentrates on the process of effective strategic human resource management (SRM); guiding students in understanding and effectively dealing with HRM related issues in small, medium and large businesses and in private and public enterprises.

MEG2001 MANUFACTURING PLANNING AND CONTROL (FBELA - 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 where workplace incidents occur in manufacturing, the types of workplaceidents that are subject to the OHSW and Coshaw management, the focus shifts to theories and models of accident causation, the heart of workplace health and safety (WHS) management however, is the legislation and the ways that organisations can ensure they comply for this reason. For the Australian WHS legislative approach exists in the sequence of modules. How to go about understanding this 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 management is therefore fundamentally important to this course. The remaining modules include an introduction of ergonomics (as it applies to the maintenance of a safe workplace environment), an examination of the role of WHS standards and audits, and a study of the remedial side of workplace practices, namely the rela
tionship between the workplace and the insurer.

MEG2002 MANAGING ORGANISATIONS (FBELA - UGRD)
Units 1.0 (Organisation Management) Band 3

This course lays the foundation for a career in management. It is not only exposes students to important theories and knowledge about the nature of management, but it also introduces students to the process of self-reflection as a management activity. It is an exploration of the semantic and pragmatic aspects of management. It introduces students to the process of contex
t information summarising management and organisations, and the development of a historical and contemporary perspective of the various theories and current issues in management including sustainability management as an international issue, and in this context, students are offered training in self-reflection processes and theory. The second half of the course is devoted to a detailed coverage of the management functions identified by Fayol, planning, leading, organising and controlling.

MEG2004 ENHANCING PERFORMANCE (FBELA - UGRD)
Units 1.0 (Human Resource Management) Band 3

Talent management is a broad concept that refers to the processes that organisations use to attract, retain, motivate and develop its people, for now and for the future. In this course, students examine major frameworks that organisations can use and talent management initiatives to enhance performance by motivating, developing and rewarding people. Students will have the opportunity to improve their manage ment knowledge as they examine how training, development and performance management are contributors to achieving the business strategy. Further, it is recognised that sometimes things go wrong with the performance or conduct of a person or people within the or
ganisation. This course considers approaches to managing these issues or issues if they arise. Further, talent management initiatives and the role of the organisation are examined in MGT2000 Workforce Design.

MEG2006 EMPLOYMENT RELATIONS (FBELA - UGRD)
Units 1.0 (Industrial Relations) Band 3

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 relations 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.

MEG2007 LEADERSHIP (FBELA - UGRD)
Units 1.0 (Organisation Management) Band 3

After a thorough study of relevant theoretical and research perspectives on the nature and importance of leadership, a study is made of various types and styles of and approaches to leadership. These include charismatic and transactional style leadership, as well as contingency and situational leadership. The roles, tasks and re
quired attributes of leaders are also explored, as well as the interplay between leadership and a broad range of organisational dynamics. The study of leadership is contextualised within the shift from the industrial to the knowledge and information era and strategic change. In this context, leadership is defined as an integrating mechanism for corporate success. This course content contains a good blend of theory, research and practical perspectives and applications.

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MG2008 KNOWLEDGE MANAGEMENT AND ORGANISATIONAL LEARNING (FBELA - UGRD)

Units 1.0 (Organisation Management) Band 3
Enrolment is not permitted in MG2008 if MG13200 has been previously completed.

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 in organisations and requires a dedicated effort to harness the human capital and manage knowledge in order to ensure that optimal value is added to the knowledge which is available. In the knowledge economy, knowledge leaders and managers need to understand new forms of leadership, the changing work force and work environment and how these fit into 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 the implications for the knowledge economy. Key elements of the course consider the nature and purpose of knowledge and knowledge work. These elements are consolidated together with the roles of knowledge managers and knowledge workers. These connections form the basis for having postulated knowledge management strategies and systems for developing high performance knowledge organisations. Current and prospective managers and leaders are introduced to essential knowledge management concepts. This will help them move forward and to a more strategic use of knowledge in organisations.

MG2102 BUSINESS LOGISTICS (FBELA - UGRD)

Units 1.0 (Purchasing, Warehousing and Distribution) Band 3
This course will enable students to develop skills in analysing procure, inventory, and distribution systems, including the ability to analyse the importance of quality assurance, cost control and quality improvement to the success of a business, how to measure the success of the supply chain in constantly matching or exceeding customer requirements. This course emphasises issues that affect different disciplines 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.

MG2203 PROJECT MANAGEMENT FUNDAMENTALS (FBELA - UGRD)

Units 1.0 (Project Management) Band 3
This course examines the following: an overview of project management 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) how to identify, define and deliver the project outcomes and deficits; (5) how to assess the performance of project personnel; (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 (9) how to manage project risks to those outcomes; (10) how to manage the project deliverables; (11) how to bring together all project resources and processes to ensure project success based on defined criteria; incorporation of established key stakeholders as to what the objectives are and the processes by which they are achieved; (12) how to prepare a range of strategies after reviewing the strategies used in similar organisational contexts; (13) how to explore new opportunities for delivering better value and sustainability; (14) how to develop appropriate competencies to manage a small project.

MG2204 BUSINESS ETHICS AND GOVERNANCE (FBELA - UGRD)

Units 1.0 (Business and Management) Band 3
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 and their application, stakeholders and citizenship, ethics, decision making, tools and techniques for managing business ethics, accountability and leadership skills. Students will be able to identify and solve ethical dilemmas within case study or group exercises to promote ethical behaviour and improve governance in organisations.

MG3001 GLOBAL MANAGEMENT (FBELA - UGRD)

Units 1.0 (Business Management) not classified Band 3
This course examines the dynamics and challenges that today's managerial leaders increasingly face as the worlds of business, work and workforces become more complex and diverse, and international and national boundaries, and engaging with people and systems that sometimes differ vastly. Organisations that operate in such international contexts must therefore seize those people who take on management and leadership roles to have the competencies that are different and particularly built around cross-cultural and transnational mindsets and capabilities. This course allows for the development of such knowledge and competencies. The focus is on the necessity and the capability to manage human resources and the appropriate quality of project processes and outcomes, and how they differ from ongoing business activities; the roles and responsibilities of key stakeholders as to what the objectives are and the processes by which they are achieved; the importance of systems theory to the effective management of projects, including the identification of stakeholders and their influence, the significance of initiating projects effectively so there is consensus and buy-in, how to plan and organise a range of administrative functions in support of the project, and the processes by which to achieve them; the value of comprehensive planning for achieving project objectives with minimal disruption to, within each stage of the project; the utilisation of quantitative and qualitative tools that have been developed to assist managers achieve project success based on defined criteria; incorporation of established guidelines for managing risk and achieving the optimal quality for both project deliverables and the processes by which they are delivered; the soft skills expected of contemporary project managers in creating appropriate organisational structures, and leading highly effective teams; systems that can be incorporated to monitor progress against pre-defined targets and to trigger corrective actions where variances occur to perform criteria; the importance of focusing project resources to ensure completion of all project objectives and deliverables; and the ethical and governance frameworks within which project managers are expected to work. The role of key stakeholders are not compromised through inequitable beaviours.

MG3010 QUALITY AND PERFORMANCE MANAGEMENT (FBELA - UGRD)

Units 1.0 (Quality Management) Band 3
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 performance of quality. Quantitative and qualitative methods will be dealt with where appropriate and will be related to economic and organisational objectives of the business.
The course examines the following: (1) an introduction to the concept of property development, (2) land use and planning legislation and their implications for property development, (3) the range of financial instruments involved in property development, from the wide range of key stakeholders involved in property development, (5) the importance of financial instruments and their implications for property development and investment success and conceptualisation of the project outcomes, (7) the financial management of property development and the importance of financial structures suitable for acquisition of real property assets and property development and the principles of project development, project management, (10) acquisition, marketing and sale of real property assets, (11) the importance of financial instruments and their implications for property development and investment success and conceptualisation of the project outcomes, (7) the financial management of property development and the importance of financial structures suitable for acquisition of real property assets and property development and the principles of project development, project management, (10) acquisition, marketing and sale of real property assets.

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 (FBELA - PGRD)

Units 1.0 (Business Mgnt not classified) Band 3

Students can undertake a professional work placement or volunteer work for non-profit organisations. Students can undertake a work placement if they have successfully completed 8 units of their master’s program before enrolling in this course.

The course examines the following: (1) an introduction to the concept of property development, (2) land use and planning legislation and their implications for property development, (3) the range of financial instruments involved in property development, from the wide range of key stakeholders involved in property development, (5) the importance of financial instruments and their implications for property development and investment success and conceptualisation of the project outcomes, (7) the financial management of property development and the importance of financial structures suitable for acquisition of real property assets and property development and the principles of project development, project management, (10) acquisition, marketing and sale of real property assets.

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 (FBELA - PGRD)

Units 1.0 (Business Mgnt not classified) Band 3

The course aims to enhance students’ understanding of entrepreneurial activities in general and their implications for property development, (3) the range of financial instruments involved in property development, from the wide range of key stakeholders involved in property development, (5) the importance of financial instruments and their implications for property development and investment success and conceptualisation of the project outcomes, (7) the financial management of property development and the importance of financial structures suitable for acquisition of real property assets and property development and the principles of project development, project management, (10) acquisition, marketing and sale of real property assets.

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 (FBELA - PGRD)

Units 1.0 (Business Mgnt not classified) Band 3

The course aims to enhance students’ understanding of entrepreneurial activities in general and their implications for property development, (3) the range of financial instruments involved in property development, from the wide range of key stakeholders involved in property development, (5) the importance of financial instruments and their implications for property development and investment success and conceptualisation of the project outcomes, (7) the financial management of property development and the importance of financial structures suitable for acquisition of real property assets and property development and the principles of project development, project management, (10) acquisition, marketing and sale of real property assets.

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.
applies them in a global context. It discusses how information from organisation dynamics and project benefits realization.

This course shows how a project or program develops out of the previously completed.

Projects allow organisations to bring about structured change to the internal or external environment. To do this, this course examines why a clear project-based methodology must be established to guide the change process and to ensure achievement of the desired change objectives. The focus is on the role of the project manager as leader of project teams and stakeholder involvement. It also addresses the role of projects in corporate society and examines the socio-cultural challenges that arise.

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 ACNM 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 their own, therefore developing self-awareness is an important aspect of this course. Students will also be expected to gain an understanding of the cultural/ethnic background and an awareness of how the need to be open to different styles of communication can impact on inter-cultural interactions. There is a requirement to attend a one week residential in this course.

This course builds on the learning about theoretical perspectives, the National Practice Standards for the Mental Health workforce and the ACNM Standards of Practice for Australian Mental Health Nurses 2010 in MNHS110. The nurses’ understanding of mental illness 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 able to critically evaluate alternative, holistic and empowering approaches to the care of clients 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 utilizing the theoretical perspectives and standards of practice covered in MNHS5110.

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 ACNM 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 their own, therefore developing self-awareness is an important aspect of this course. Students will also be expected to gain an understanding of the cultural/ethnic background and an awareness of how the need to be open to different styles of communication can impact on inter-cultural interactions. There is a requirement to attend a one week residential in this course.

This course builds on the learning about theoretical perspectives, the National Practice Standards for the Mental Health workforce and the ACNM Standards of Practice for Australian Mental Health Nurses 2010 in MNHS110. The nurses’ understanding of mental illness 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 able to critically evaluate alternative, holistic and empowering approaches to the care of clients 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 utilizing the theoretical perspectives and standards of practice covered in MNHS5110.

This course builds on the skills developed in MNHS110 Counselling and Group Work, by exploring and practicing a therapeutic modality. While using the ACNM Standards of Practice for Australian Mental Health Nurses 2010 as a framework for practice, students will develop skills in a therapeutic approach that will enable them to work with clients from across the lifespan in a range of settings while being aware of the cultural basis of therapeutic strategies and 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 interest.

This course aims to provide foundational knowledge in order to develop a midwifery philosophy and approach to practice as a primary care. The course will enable students to develop an understanding of the scope of practice of midwives in Australia and the significance of partnerships and the provision of a variety of midwifery models of care. Students will be required to develop evidence-based practice to include the discipline of midwifery in order to enhance clinical decision making.

This course aims to provide students with foundational knowledge of the anatomy and physiology of maternal, foetal and placental development in conjunction with the changes to the reproductive system. Content will assist students to recognize and understand subsequent maternal adjustments to pregnancy, preparation for labour and birth, breastfeeding and the immediate postpartum period. Additionally, this course aims to provide the student with knowledge to develop effective and competent care to assess women during the antenatal period, with a significant focus on psychosocial, psychological and labour and birth and in the postnatal period. There will be a global orientation for more complex issues, with an introduction to birth variation. The inclusion of content associated with the neonate such as exam delivery of the newborn, infant feeding, documentation and assessments section provide a foundation prior to and in association with undertaking a midwifery placement.

This course aims to provide students with the knowledge to develop their skills in providing antenatal care, intrapartum care, birth and postnatal care as the primary carer for the woman and her infant. This course complements MNHS110 Foundations for Midwifery Practice and builds on the established midwifery care with the introduction of complicated issues of pregnancy, labour, birth and care of the baby. Students will explore preterm labour, induction of labour, assisted births, caesarean section and Vaginal Birth After Caesarean Section. The focus will be on developing student’s knowledge of the A CMHN Standards of Practice for Australian Mental Health Nurses 2010.

This course aims to provide students with the knowledge to develop their skills in providing antenatal care, intrapartum care, birth and postnatal care as the primary carer for the woman and her infant. This course complements MNHS110 Foundations for Midwifery Practice and builds on the established midwifery care with the introduction of complicated issues of pregnancy, labour, birth and care of the baby. Students will explore preterm labour, induction of labour, assisted births, caesarean section and Vaginal Birth After Caesarean Section. The focus will be on developing student’s knowledge of the A CMHN Standards of Practice for Australian Mental Health Nurses 2010.

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MID2299 MINE SAFETY AND HEALTH (FHEC - UGRD) Units 1.0 (Mining Engineering) Band 4 Pre-requisite: MIN2199 and MID2299 This course enables students to understand the application of safety and health requirements in mining industry, the development of safe working practices and the management of occupational health and safety in mining operations. It provides an overview of the mining industry, the roles and responsibilities of mining personnel, and the regulatory framework that governs the industry. The course also includes an introduction to the principles of occupational hygiene, risk assessment, and the management of hazardous materials in the mining environment.

MKT1001 INTRODUCTION TO MARKETING (FBEA - UGRD) Units 1.0 (Marketing and Sales Management) Band 3 This course provides an introduction to the basic concepts, theories, and tools used in marketing. It covers the role of marketing in the business environment, the marketing environment, marketing strategy, marketing research, and the development of a marketing plan. The course also introduces the concepts of market orientation, customer satisfaction, and customer relationship management.

MK2001 PROMOTION MANAGEMENT (FBEA - UGRD) Units 1.0 (Sales and Marketing not elsewhere) Band 3 Pre-requisite: MKT1001 This course addresses how to develop effective promotional strategies and tools to communicate the value of products and services to target markets. It covers the role of promotion in the marketing mix, the planning process, and the development of effective promotional campaigns. The course also includes an introduction to the principles of advertising, public relations, personal selling, direct marketing, and sales promotion.

MKT2002 GLOBAL MARKETING (FBEA - UGRD) Units 1.0 (Business Management not classified) Band 3 Pre-requisite: MKT1001 This course aims to provide students with an understanding of the concepts and tools used in global marketing, including the impact of cultural differences, legal and regulatory requirements, and the role of technology in international trade. The course also includes an introduction to the principles of international trade, the development of international marketing strategies, and the implementation of international marketing programs.

MKT2004 MARKETING CHANNELS (FBEA - UGRD) Units 1.0 (Sales and Marketing not elsewhere) Band 3 Pre-requisite: MKT1001 This course covers the role of marketing channels in the distribution of products and services. It introduces the concept of channel management, the different types of marketing channels, and the role of intermediaries in the distribution process. The course also includes an introduction to the principles of channel strategy, channel performance, and the management of distribution systems.

MK2012 SERVICES MARKETING (FBEA - UGRD) Units 1.0 (Sales and Marketing not elsewhere) Band 3 Pre-requisite: MKT1001 This course provides an introduction to the unique challenges and opportunities of marketing services. It covers the role of services marketing in the business environment, the development of service marketing strategies, and the implementation of service marketing programs. The course also includes an introduction to the principles of service quality, service innovation, and service delivery systems.

MKT3001 APPLIED BUSINESS RESEARCH (FBEA - UGRD) Units 1.0 (Sales and Marketing not elsewhere) Band 3 This course provides an introduction to the research process and the role of research in business decision making. It covers the role of research in developing and evaluating marketing strategies, and the role of research in understanding market trends and customer needs. The course also includes an introduction to the principles of research design, data collection, and data analysis.

MKT3002 BUSINESS STRATEGY IN A GLOBAL ENVIRONMENT (FBEA - UGRD) Units 1.0 (Business Management) Band 3 Pre-requisite: MKT2002 This course provides an introduction to the role of strategy in the global marketplace. It covers the role of strategy in developing and implementing marketing strategies, and the role of strategy in managing international operations. The course also includes an introduction to the principles of strategic planning, strategic positioning, and the development of international marketing strategies.

MKT3007 MARKETING STRATEGY (FBEA - UGRD) Units 1.0 (Marketing) Band 3 This course builds on MKT2002 and provides an introduction to the principles of marketing strategy and the development of marketing strategies. It covers the role of strategy in developing and implementing marketing programs, and the role of strategy in managing customer relationships. The course also includes an introduction to the principles of strategic planning, strategic positioning, and the development of marketing strategies.

MKT5000 MARKETING MANAGEMENT (FBEA - PGRD) Units 1.0 (Marketing) Band 3 This course provides an introduction to the role of marketing management in the business environment. It covers the role of marketing management in developing and implementing marketing strategies, and the role of marketing management in managing customer relationships. The course also includes an introduction to the principles of marketing management, marketing strategy, and the development of marketing programs.

MKT8001 BUYER BEHAVIOUR (FBEA - PGRD) Units 1.0 (Sales and Marketing not elsewhere) Band 3 This course provides an introduction to the role of buyer behaviour in the marketing process. It covers the role of buyer behaviour in developing and implementing marketing strategies, and the role of buyer behaviour in managing customer relationships. The course also includes an introduction to the principles of buyer behaviour, consumer decision making, and the development of marketing programs.

MKT8002 INTERNATIONAL MARKETING (FBEA - PGRD) Units 1.0 (Business Management not classified) Band 3 This course provides an introduction to the role of international marketing in the business environment. It covers the role of international marketing in developing and implementing marketing strategies, and the role of international marketing in managing customer relationships. The course also includes an introduction to the principles of international marketing, marketing strategy, and the development of marketing programs.
Consult the Handbook on the Web at http://www.usq.edu.au/handbook/current for any updates that may occur during the year.
MUI2004 COLLABORATIVE MUSIC PRACTICE 4 (FBELA - UGRD)
Units 1.0 (Music) Band 1
Pre-requisite: MUI2002
This course further develops the skills acquired through completion of MUI2004 by requiring students to work both independently and collaboratively on a project. On-campus students will contribute to a project co-ordinated by staff. These students learn to not only self-initiate but take direction from project co-ordinators. Staff will act as project co-ordinators and musical directors. Online students will continue with their ensemble activities from MUI2003 or propose a new ensemble activity.

MUI2006 MUSICAL CONTEXTS 2: WESTERN POPULAR MUSIC (FBELA - UGRD)
Units 1.0 (Music) Band 1
With a focus on key musical works and trends from throughout the twentieth century, this course will provide an overview of the musical developments, styles, and the social and cultural contexts of contemporary Western popular music. Australian popular music will receive particular focus.

MUI2008 MAKING MUSIC 4: COMPOSING AND IMPROVISING (FBELA - UGRD)
Units 1.0 (Music) Band 1
Pre-requisite: MUI1000
This course provides practical instruction in the use of the vocabulary and language of music to create individual or collaborative works. Students will further develop knowledge, understanding and aural acuity of pitch, melody and rhythm by applying these skills to composition and improvisation.

MUI2019 GUIDED STUDIO PRACTICE 2 (FBELA - UGRD)
Units 1.0 (Music) Band 1
Pre-requisite: MUI2020
Students continue to develop a framework for productive, meaningful and relevant independent practice as initiated in the BCAR program. Through classes, lessons and online activities, students are guided to work independently to establish and achieve their musical and technical goals.

MUI2020 GUIDED STUDIO PRACTICE 1 (FBELA - UGRD)
Units 1.0 (Music) Band 1
Pre-requisite: MUI2020
Students develop a framework for productive, meaningful and relevant independent practice. Through classes, lessons and online activities, students are guided to work independently to establish and achieve their musical and technical goals.

MUI3005 COLLABORATIVE MUSIC PRACTICE 5 (FBELA - UGRD)
Units 1.0 (Music) Band 1
Pre-requisite: MUI2005
This course further develops the skills acquired through completion of MUI3004 by requiring students to work both independently and collaboratively on a project. On-campus students will contribute to a project co-ordinated by staff. These students learn to not only self-initiate but take direction from project co-ordinators. Staff will act as project co-ordinators and musical directors. Online students will continue with their ensemble activities from MUI3004 or propose a new ensemble activity.

MUI3006 COLLABORATIVE MUSIC PRACTICE 6 (FBELA - UGRD)
Units 1.0 (Music) Band 1
Pre-requisite: MUI3005
This course further develops the skills acquired through completion of MUI3005 by requiring students to work both independently and collaboratively on a project. Students work independently initiate and lead projects or to participate in student-led teams. Students work collaboratively with each other. Online students will continue with their ensemble activities from MUI3005 or propose a new ensemble activity.

MUI3010 MAKING MUSIC 5: IMPROVISING (FBELA - UGRD)
Units 1.0 (Music) Band 1
Pre-requisite: MUI2008
This course provides further practical instruction in the use of the vocabulary and language of contemporary music to create improvised musical artifacts. It further develops knowledge, understanding and aural acuity of pitch, melody and rhythm by applying these skills to improvisation.

MUI3011 MAKING MUSIC 6: CONTEMPORARY ARRANGING AND PRODUCTION (FBELA - UGRD)
Units 1.0 (Music) Band 1
Pre-requisite: MUI2008
With a focus on key texts within recorded contemporary music since 1950, this course provides students with the analytical skills to develop an advanced practice in the arranging and production of contemporary music.

MUI3012 MUSICAL CONTEXTS 3: CRITICAL PERSPECTIVES (FBELA - UGRD)
Units 1.0 (Music) Band 1
This course is designed to introduce students to a range of critical perspectives through which to view music, and invites students to identify and critically examine the assumptions which underpin our understanding of the role of music in culture and society.

MUI3019 GUIDED STUDIO PRACTICE 4 (FBELA - UGRD)
Units 1.0 (Music) Band 1
Pre-requisite: MUI3020
Students continue to develop a framework for productive, meaningful and relevant independent practice as initiated in MUI3020. Through classes, lessons and online activities, students are guided to work independently to establish and achieve their musical and technical goals.

MUI3020 GUIDED STUDIO PRACTICE 3 (FBELA - UGRD)
Units 1.0 (Music) Band 1
Pre-requisite: MUI3019
Students develop a framework for productive, meaningful and relevant independent practice. Through classes, lessons and online activities, students are guided to work independently to establish and achieve their musical and technical goals.

MUI4001 ADVANCED GUIDED STUDIO PRACTICE (FBELA - UGRD)
Units 1.0 (Music) Band 1
Pre-requisite: Students must be enrolled in one of the following Programs: BANH or BSTH or BVAH or BCAR or MSTA
Students continue to develop a framework for productive, meaningful and relevant independent practice as initiated in the BCAR program. Through intensive workshops, individual lessons and reflection, students are guided to work independently to establish and achieve their musical and technical goals at an advanced level.

NUR1099 PROFESSIONAL NURSING FOR OLDER PEOPLE (FHESC - UGRD)
Units 1.0 (General Nursing) Band 4
Pre-requisite: NUR1140 or NUR2000 and NUR120 or NUR1200
This course provides the foundation knowledge for nurses caring for older people in conjunction with providing students’ first clinical experience placement. Students will engage in learning opportunities that focus on the development and application of practice skills such as observation, assessment, psychomotor skill acquisition and practical simulation, communication, documentation and reflection. The theoretical component of this course emphasises the core values underpinning nursing older people which are to respect personhood at all times and support the rights of older people to quality care. After a foundation of understanding global ageing and the ageing process, 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 care interventions in relation 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 concurrent theory and clinical simulation courses. Students will participate in an 80 hour facilitated clinical placement in a residential aged care setting and be assessed at the interim and end stages of the placement consistent with the AMRC National Competency Standards for the Registered Nurse.

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thinking, reflection, the ability to prioritise care and the safe transfer of patients. This will facilitate the development of students' approach to client assessment and management as students extend and apply clinical experiences. This will enable students to develop confidence and incorporate concepts learned in this course into their practice.

NUR120 CONCEPTS IN PATIENT CARE (FHESC - 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 care management skills are developed in simulated and clinical settings. Students will have the opportunity to develop theoretical understanding of fundamental skills in an authentic environment and be introduced to the significance of Nursing and Midwifery Board of Australia (NMBA) Competency Standards for the Registered Nurse (2006) in nursing practice. Fundamental skills of planning, implementing, evaluating and documenting nursing care are introduced in this course.

NUR1200 MEDITATIONS: THEORY AND PRACTICE (FHESC - UGRD)

Units 1.0 (General Nursing) Band 4
Pre-requisite: Students must be enrolled in Program: BNUR

The importance of the nurse's role in the safe and proficient administration of medications will form the basis of this course. Students will be introduced to the principles of primary health care and the role of the nurse in providing health promotion and disease prevention services. Students will be able to conceptualise the importance of care provided within the context of everyday life. This course will provide the opportunity for students to develop critical thinking, clinical decision making and an understanding of the principles of Primary Health Care to propose strategies in collaboration with other health professionals.

NUR1210 PRACTICE IN NURSING SETTINGS (FHESC - UGRD)

Units 1.0 (General Nursing) Band 4
Pre-requisites: NUR1140 and NUR1200 and NUR2000 and NUR1099 and NUR1200 and Students must be enrolled in the following Program: BNUR

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 registered nurse. 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 registered nurse.

NUR200 MEDICATIONS: THEORY AND PRACTICE (FHESC - UGRD)

Units 1.0 (General Nursing) Band 4
Pre-requisite: Students must be enrolled in Program: BNUR

This course builds upon the knowledge and skills obtained from previous study including the pre-requisite courses. Students will have the opportunity to develop the necessary knowledge and critical skills to be able to deal with clients/patients living with the physical and psycho-societal effects of disease. In doing so students will be able to extend practical approaches to the complex and diverse practice settings. The content may include ‘hospital in the home’, community care, transitions from high acuity to community care; family centred care; paediatric care; palliative care; high dependency units; acute care; domiciliary care. The course will enable students to develop and adopt the knowledge, values and attitudes necessary to become effective professionals in the healthcare setting. Students will be required to develop the knowledge, skills and attitudes necessary to effectively provide care to clients with complex health needs in a variety of practice settings.

NUR2000 MENTAL HEALTH NURSING CARE (FHESC - UGRD)

Units 1.0 (Mental Health Nursing) Band 4
Pre-requisites: NUR1140 and NUR1200 and CMS1008 and MAT1008 and NUR1099 and NUR2000 and BIO1203 and Students must be enrolled in the following Program: BNUR

This course enables students to acquire knowledge and to develop attitudes and skills relevant to a critical understanding of the experience of and needs of individuals and groups with mental health problems. Emphasis is placed on contemporary nursing and evidence based practice. Students are expected to be able to evaluate current practice within an historical context. Several 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 student will explore 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 infants and special groups such as child and youth, older people, people from rural and isolated areas, Indigenous communities, Ethnic populations and the homeless. This course will focus on enabling students to understand the experiences of the person with the mental illness as well as the presenting condition. The clinical Course NUR5509 Clinical C: Nursing Care for Mental Health will provide opportunities for application of the theoretical material presented in this course.

NUR2000 CLINICAL B: NURSING CARE IN CONTEXT (FHESC - UGRD)

Units 1.0 (General Nursing) Band 4
Pre-requisite: NUR1140 and NUR1200 and NUR2000 and NUR1099 and NUR2000 and BIO1203 and Students must be enrolled in the following Program: BNUR

This course will enable students to participate in a range of clinical placements to develop confidence and experience in providing holistic care to individuals, families and significant others. The student will be introduced to a range of health care settings such as primary health care, secondary and tertiary health care settings and in home and community care. The student will work together with other health professionals. This course is designed to introduce students to the role of the nurse in health care, developing a professional portfolio and strategies to support lifelong learning.

NUR2000 SIMULATED PRACTICE (FHESC - UGRD)

Units 1.0 (General Nursing) Band 4
Pre-requisites: NUR1140 and NUR1120 and NUR1200 and NUR2000 and BIO1203 and Students must be enrolled in the following Program: BNUR

This course integrates the theoretical and practical content of previous courses. The course aims to provide the student with opportunities to develop and apply theoretical knowledge and skills in a simulated environment that replicates situations that students will encounter in their future practice. The simulated learning environment will utilise simulated learning situations, and associated and assigned preparation for laboratory sessions to propose and demonstrate approaches to client management. Students will utilise simulation-based assessment in the clinical laboratory. This will enable students to develop confidence and incorporate concepts learned in this course into their practice.

NUR3010 REHABILITATION IN COMMUNITY SETTINGS (FHESC - UGRD)

Units 1.0 (Community Nursing) Band 4
Pre-requisites: CMS1008 and MAT1008 and NUR1140 and NUR1200 and Students must be enrolled in the following Program: BNUR

Rehabilitation is a process which occurs throughout the entire episode of patient care. Rehabilitation occurs within the context of a patient's overall health and well-being, and the patient's ability to achieve their potential. The patient may experience difficulty in activities of daily living, work or leisure. Rehabilitation may extend over the patient's entire lifespan. Rehabilitation allows the patient to achieve or maintain the highest level of function. Rehabilitation is an essential component of patient care. Rehabilitation is a process which occurs throughout the entire episode of patient care. Rehabilitation occurs within the context of a patient's overall health and well-being, and the patient's ability to achieve their potential. The patient may experience difficulty in activities of daily living, work or leisure. Rehabilitation may extend over the patient's entire lifespan. Rehabilitation allows the patient to achieve or maintain the highest level of function. Rehabilitation is an essential component of patient care.

NUR3020 TRANSITION TO PROFESSIONAL PRACTICE (FHESC - UGRD)

Units 1.0 (General Nursing) Band 4
Pre-requerit: NUR1140 and NUR1200 and NUR2000 and NUR2199 and Students must be enrolled in the following Program: BNUR

This course will provide students with opportunities to demonstrate the performance and responsibilities required for safe practice. NUR4299 allows the student to develop their professional interactions, therapeutic relationships and nursing care practices associated with caring for individuals, families and significant others. Students will develop critical thinking and clinical decision making within a medical or surgical clinical setting (NUR2199 is a pre-requisite). The aim is to develop skills introduced in prior lab and clinical courses (NUR3000 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 development and lifelong learning journey. Students will participate in a 100 hour clinical placement which includes 120 hours off campus in clinical settings and 40 hours on campus based activities of professional development and simulation. Students will be assessed at the intermediate and end stages of the course and are required to ensure that they are meeting the National Competency Standards for the Registered Nurse. They will be assessed in their campus-based work with an assessment of their performance accepted by the clinical agencies including a simulation-based assessment in the clinical laboratory.

NUR3030 INDIGENOUS HEALTH AND CROSS CULTURAL PRACTICAL (FHESC - UGRD)

Units 1.0 (Mental Health Nursing) Band 4
Pre-requisites: CMS1008 and MAT1008 and BIO1203 and Students must be enrolled in Program: BNUR

The purpose of this course is to enable students to recognise inequities in the health status of Indigenous people, and to learn about effective cultural communication to gain a better understanding of the needs of Indigenous people. Particular interest will be given to a) the historical inequities that remain in Indigenous people's health when compared to their non-Indigenous counterparts and b) the skills and knowledge that students 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 collaboration with others to address inequities in Indigenous people's health. In undertaking this course the student will utilise the principles of Primary Health Care to propose strategies in collaboration with others to address inequities in Indigenous people's health.

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NUR3099 CLINICAL D: NURSING FOR COMMUNITY HEALTH (FHESC - UGRD)
Units 1.0 (General Nursing) Band 4
Pre-requisite: NUR1099 and NUR1200 and NUR1140 and NUR1210 and NUR2020 and NUR2400 and NUR3030 and NUR3200 and NSC2500 and Students must be enrolled in the following Program: BNUR

Students will be able to observe and critically appraise the nurse's role in delivering primary, secondary and tertiary care within a variety of settings. This course allows for a scaffolding of experiential learning, application of knowledge and an integration of pre and co-requisite course theory and practice, such as NUR4040 Models of Nursing Care, and NUR3030: Indigenous Health and Cross Cultural Care, to support experience and learning in this course. Students are required to complete 150 hours of clinical practice in placements including rural and remote hospitals or health care centres, community health centres, domiciliary care, Indigenous communities and their health care centres, correctional centres, schools, drug rehabilitation centres and other for-profit units, medical centres, dial ability services centres, renal units and day oncology units. The course is designed to assist students to develop their preceptorship clinical practice opportunities for students to demonstrate competency as assessed in the Clinical Performance Evaluation Tool which partially fulfills requirements of the National Competency Standards for the Registered Nurse.

NUR3120 NURSES AS LEADERS IN HEALTH CARE SETTINGS (FHESC - UGRD)
Units 1.0 (Nursing not classified) Band 4
Pre-requisite: CMSI508B and MAT1008 and NUR1140 and NUR1120 and NUR1160 and NUR1200 and NUR2000 and NUR2100

The purpose of this course is to facilitate the development of a broad view of the structure and functioning of healthcare organisations, leaders and managers on health care models and the roles of nurses as leaders and managers within health care systems.

NUR2000 MANAGING COMPLEX CARE (FHESC - UGRD)
Units 1.0 (General Nursing) Band 4
Pre-requisite: CMS1008 & MAT1008 & NUR1140 & NUR1200 & NUR1120 & NUR1160 & NUR1200 & NUR2000 & NUR2100 & NSC2500 and one of (NUR2100 or NUR2400)

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 nurse in this role. In order to prepare our students to confidently manage and decide on patient care we must educate them from the very beginning 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 to educate us our students recognize the need for and initiate interventions for patients whose condition changes unexpectedly.

Through exploring theoretical case management of a variety of patient situations this course will assist the students transform the clinical reasoning and clinical judgment and skills both into their clinical laboratory settings, written assessments in to their clinical placements.

NUR3499 CLINICAL E: THE BEGINNING PRACTITIONER (FHESC - UGRD)
Units 1.0 (General Nursing) Band 4
Pre-requisite: NUR1140 & NUR1200 & NUR2000 & NUR2100 & NUR2190 & NUR2400 & NUR2500 & NUR3200 & NUR3299 & NUR3300 & NUR3499 & NUR3500 & NUR3600 & NUR8550 & NSC2500 and one of (NUR2100 or NUR2400)

This final clinical course will allow consolidation of the knowledge, skills and values required for safe and competent practice of the Registered Nurse. Students will participate in a 160 hour clinical placement and be assessed at the interim and completion of the placement using an assessment tool consistent with the National Competency Standards for the Registered Nurse. This course will provide facilitated or preceptorship clinical placement opportunities for students to fulfil the requirements of the National Competency Standards 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 application of theory and principles learned in past and concurrent their clinical placements and they will be also expected to demonstrate a range of professionaloral and written communication skills: the ability to work as a team-member and the ability to manage their time and workload to the level expected of a beginning practitioner.

NUR3599 CLINICAL C: NURSING CARE FOR MENTAL HEALTH (FHESC - UGRD)
Units 1.0 (Mental Health Nursing) Band 4
Pre-requisite: NUR1099 and NUR1140 and NUR1200 and NUR2000 and NUR2190 and NUR2400 and NUR3030 and NUR3200 and NSC2500 and Students must be enrolled in the following Program: BNUR

Students will complete 160 hours of clinical practice in either a primary, secondary or tertiary health with care setting directed to the care of Mental Health clients. Student placements may include rural and remote 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 preceptorship clinical placement opportunities for students to demonstrate competency as assessed in the Clinical Performance Evaluation Tool which partially fulfills 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 AA Allied; NUR2800: Simulated Practice and NSC2500: Pharmacology and Pathophysiology for Nurses to augment clinical knowledge and experience to demonstrate holistic, culturally appropriate 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. Concepts of psychological development will be facilitated through critical/reflective processes and the identification and implementation of evidenced based practice.

NUR040 QUALITATIVE RESEARCH METHODS (FHESC - PGRD)
Units 1.0 (Nursing not classified) Band 4
Pre-requisite: Students must be enrolled in one of the following Programs: MGSC or MHIN or MRST of PDEV or BP53H or MSNS or IB & ISC with Psychology major 13815.

This course builds on the research knowledge and skills introduced in HSC5900: Research Methodology in the Human Sciences. It develops the student's ability to make use of qualitative research strategies contributing to the foundational knowledge of research literacy for professionals working in clinical practice and human services. In this course students will critically examine the contribution of qualitative research to human services practice; the theoretical underpinnings of qualitative research, and develop skills and application of the purposes, development and implementation of qualitative research strategies. Students will critically evaluate the comparison with and co-contribution of empirical research methods.

NUR8060 HEALTH POLICY ANALYSIS AND RESEARCH (FHESC - PGRD)
Units 1.0 (General Nursing) Band 4
Pre-requisite: Students must be enrolled in one of the following Programs: MNRS or PDEV or MGCH or GDHIM or MGCH or GCOO

This post graduate course focuses on health policy from the perspectives of history, development, critical analysis and review. It will facilitate the student to develop an understanding of how health policies are developed and how they impact on both the delivery and the receipt of health care. Students will be guided in how to conduct a critical and evaluation of a health policy utilising a Policy Analysis Framework. Using this model students will then develop recommendations to improve the structure and application of the policy to health care outcomes.

NUR3400 THE LAW AND HEALTH CARE PRACTICE (FHESC - 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: PNNR or MNNS or MSNS or MGCH or GDHIM or MOH or GCOO

This course focuses on law for the experienced Registered Nurse and Midwife. It will increase the student's knowledge and understanding of the legal aspects of the relevant Acts and Regulations with regard to their nursing as it relates to the provision of health care.

NUR8550 PROFESSIONAL STUDIES 1 (FHESC - PGRD)
Units 1.0 (Nursing not classified) Band 4
Pre-requisite: Students must be enrolled in one of the following Programs: PNNR or PCNP or PDEV or MSNS

This course is based on a negotiated learning contract between student and the course leader. The learning contract requires that students draw on their previous learning and identify their current learning needs. The student, in consultation with the course leader, will agree upon learning objectives, available resources, learning processes and methods of evaluation.
OSP1302 OVERSEAS STUDY PROGRAM (REGOF - UGRD)
Units 2.0 (Law) Band 3
USQ students are encouraged to take part in an overseas study/ exchange 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/exchange 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
USG 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
USG 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
USG 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 (FHESC - UGRD)
Units 1.0 (Astronomy) Band 2
This astronomy course forms an introduction to planetary science, the origins of the solar 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 extraterrestrial worlds orbiting other stars. Earth is recognised as a small terrestrial world among many planets orbiting our Sun 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-
cology and atmospheres of the terrestrial planets, jovian planet sys-
terrestrial planets and icy bodies of our solar system. Extrasolar plan-

terrestrial planets are presented as an emerging research field transform-
ing planetary science. Mt Kent Observatory is also made available to stud-
tents enrolled in this course, to provide an opportunity for learning technical skills in observational astronomy. This course complements PHY1102 Astronomy 2, an introduction to the Sun, the stars and galaxies.

PHY1104 PHYSICS CONCEPTS 1 (FHESC - UGRD)
Units 1.0 (Physics) Band 3
This course is called Physics Concepts 1 as it examines the concepts of basic mechanics, acoustics, thermodynamic s, electromagnetism and optics, and "modern physics" encompasses ing relativity and the quantum mechanics of light of matter. This course covers the basics of physics that you can expect to encounter in this course is supported by practice with relevant problem solving and experiments.

PHY1107 ASTRONOMY 2 (FHESC - UGRD)
Units 1.0 (Astronomy) Band 2
The astronomy course is about the Sun, the stars and galaxies, and 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 grand scale is examined, from its origin 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 the University Observatory is provided as part of this course, so that students can observe "deep sky" objects beyond our solar system.

PHY1191 PHYSICS CONCEPTS 2 (FHESC - UGRD)
Units 1.0 (Physics) Band 2
This course is called Physics Concepts 2 as it examines the conceptual basis of electromagnetism, optics and modern physics 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 (FHESC - UGRD)
Units 2.0 (Astronomy) Band 2
This course introduces planetary science, the study of our solar system and other planets. Topics covered in this course include Physical Processes in the Solar System, The Terrestrial Planets, The Inner Worlds, Minor Bodies of the Solar System, and The Formation of Planetary Systems. Additional topics develop scientific skills through the use of assignments.

PHY8003 GALACTIC ASTROPHYSICS (FHESC - PGRD)
Units 2.0 (Astronomy) Band 2
This course introduces galactic and extragalactic astronomy, and cosmology. Topics covered in this course include The Milky Way Galaxy, The Nature of Galaxies, Galactic Evolution, The Structure of the Universe, Active Galaxies, Cosmology, and The Early Universe. Additional topics develop scientific skills through the use of assign-
ments.

PHY8004 STELLAR ASTRONOMY (FHESC - PGRD)
Units 2.0 (Astronomy) Band 2
This course introduces stellar astronomy, Topics covered in this course include Binary Systems and Stellar Parameters, The Classi-
mants.

PHY8005 APPLIED PHYSIOLOGY (FHESC - UGRD)
Units 1.0 (Paramedical Studies) Band 2
This course is called Applied Physiology 1 as it examines the role of molecular and cellular processes in the body. The course also covers the role of the nervous and endocrine systems in controlling these processes.

PSY1101 PSYCHOLOGY 1 (FHESC - UGRD)
Units 1.0 (Psychology) Band 2
This course is called Psychology 1 as it examines the role of molecular and cellular processes in the body. The course also covers the role of the nervous and endocrine systems in controlling these processes.

PSY2205 PSYCHOLOGY 2 (FHESC - UGRD)
Units 1.0 (Psychology) Band 2
This course is called Psychology 2 as it examines the role of molecular and cellular processes in the body. The course also covers the role of the nervous and endocrine systems in controlling these processes.

PSY3303 MODERN PHYSICS (FHESC - UGRD)
Units 1.0 (Physics) Band 2
This course is called Modern Physics as it examines the role of molecular and cellular processes in the body. The course also covers the role of the nervous and endocrine systems in controlling these processes.

PHYS3304 PHOTONICS (FHESC - UGRD)
Units 1.0 (Physics) Band 2
This course is called Photonics as it examines the role of molecular and cellular processes in the body. The course also covers the role of the nervous and endocrine systems in controlling these processes.

PM1101 PUBLIC HEALTH (FHESC - UGRD)
Units 1.0 (Paramedical Studies) Band 2
Public Health (PM1101) will introduce students to understanding public health and provides students with an understanding of common health issues within Australia and globally. It covers the role of health promotion and disease prevention practices, as well as methods used to prevent disease will be explored and analysed throughout. This course is designed for students to take into account future health professionals.

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PMC1102 PARAMEDIC SKILLS 1 (FHEC - UGRD)

Units 1.0 (Paramedical Studies) Band 2
Pre-requisite: Students must be enrolled in the following Program: BPS

This course will establish foundational knowledge to provide a solid paramedic skill set that is essential to the role of paramedics. Students will have the opportunity examine the history of pre-hospital care, stress and functioning of ambulance services in Australia and internationally, and the role of paramedics within the health care system. Additionally, students will develop a solid paramedic skill set focusing on the function and operation of standard ambulance equipment and protocols. Students will also learn the importance of infection control through the use of universal precautions and personal protective equipment, as well as developing safe manual handling techniques. This course will enable students to be exposed to common medical terminology and approved medical abbreviations that will develop a communication style suitable for the healthcare environment strengthen their role in the broader healthcare team.

PMC1202 PARAMEDIC SKILLS 2 (FHEC - UGRD)

Units 1.0 (Paramedical Studies) Band 2
Pre-requisite: PMC1102

Students will further develop their knowledge and skill set through being introduced to common practical presentation of medical and trauma patients. During 150 hours (4 weeks), the student will be able to participate in the assessment and management of patients. The assessment of a patient who has suffered a qualified paramedic. Through this practical placement students will be expected to actively participate in the assessment and treatment of patients. Students will develop the necessary technical skills, procedures and tasks in line with their scope of practice and for which they have received specific authorisation.

PMC2000 PHARMACOLOGY FOR PARAMEDICS (FHEC - UGRD)

Units 1.0 (Paramedical Studies) Band 2
Pre-requisite: PMC1102

Pharmacology for Paramedics will address basic principles of pharmacology, pharmacodynamics, the function and structure of common used medications and the pharmacology of the major classes of medications that students and paramedics may encounter in pre-hospital environment. Students will also have the opportunity to learn how variables such as age, size and co-morbidities affect re absorption of medications. This course also aims to develop the necessary principles and processes aligned with the safe administration of medications.

PMC2101 BEHAVIOURAL CONDITIONS AND EMERGENCIES (FHEC - UGRD)

Units 1.0 (Paramedical Studies) Band 2
Pre-requisite: PMC2102

Paramedics are increasingly required to respond to patients with behavioural conditions and emergencies therefore students need to develop strong communication skills, perform high quality mental status assessments, and develop the skills required to manage this population. This course will reinforce their knowledge of principles of communication, interpersonal and professional skills in relation to managing difficult patients and situations. Additionally, students will be provided with opportunities to consider professionalism, empathy, cultural sensitivity, recovery-oriented practice, ethics, legal issues, self-awareness and reflective practice, skills, ethics-based theoretical knowledge with practical skills, and to practice the role of a paramedic within the broader health system.

PMC2110 PARAMEDICINE PRINCIPLES 1 (FHEC - UGRD)

Units 1.0 (Paramedical Studies) Band 2
Pre-requisite: PMC2110

This course will focus on the epidemiology, pathophysiology, clinical manifestations and therapeutic management of patients with cardiovascular and respiratory conditions and emergencies by focusing on the role of paramedics in the diagnosis, treatment and management of medical emergencies. Students will also explore the importance of safety and the use of universal precautions for the protection of patients and paramedics. The course will also address the principles of evidence-based medicine and the importance of continuous professional development in the field of paramedicine.

POL2000 POLITICAL AND ECONOMIC IDEAS (FBELA - UGRD)

Units 1.0 (Political Science) Band 1
Pre-requisite: POL1002

This course introduces students to the study of political and economic ideas. It covers the evolution of political and economic thought, from the ancient world to the modern era. Students will explore the ideas of key figures in political and economic history, such as Plato, Aristotle, Machiavelli, Adam Smith, and Karl Marx. The course also examines the ways in which ideas influence political and economic decisions.

POL2001 POLITICS AND INTERNATIONAL BUSINESS (FBELA - UGRD)

Units 1.0 (Political Science) Band 1
Pre-requisite: POL1002

This course examines the role of politics in the international business environment. It covers topics such as international trade, foreign direct investment, and international political economy. Students will also explore the impact of political factors on business practices around the world.

PRL1002 PRACTICE OF PUBLIC RELATIONS (FBELA - UGRD)

Units 1.0 (Public Relations) Band 3
Pre-requisite: PRL2001

This course provides students with a foundation in the theory and practice of public relations. It covers topics such as stakeholder management, crisis management, and reputation management. Students will also have the opportunity to develop practical skills in writing and delivering public relations campaigns.

PRL1003 SOCIAL MEDIA ENGAGEMENT (FBELA - UGRD)

Units 1.0 (Public Relations) Band 3
Pre-requisite: PRL1002

This course introduces students to the theory and practice of social media engagement. It covers topics such as social media strategy, content creation, and audience engagement. Students will also have the opportunity to develop practical skills in using social media to communicate with stakeholders.
PRL2002 COMMUNITY CONSULTATION AND DEVELOPMENT (FBELA - UGRD)

Units 1.0 (Public Relations) Band 3

This course introduces students preparing to enter professional contexts to contemporary communication management strategies and techniques used in community relations, consultation and participation. Students will develop practical and conceptual skills in relation to the toolbox of processes involved in consultation project planning and implementation, and the inclusion of publics in decision-making processes of organisations.

PRL2003 WRITING FOR PUBLIC RELATIONS (FBELA - UGRD)

Units 1.0 (Public Relations) Band 3

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, backgrounder, brochures, newsletters and speeches. The major emphasis of the course is on developing practical public relations skills.

PRL2004 ISSUES IN ORGANISATIONAL COMMUNICATION (FBELA - 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 processes and factors in the structure of communication in organisations. Students will also develop a range of practical and conceptual skills for forming and maintaining effective relationships at both organisational and personal levels. They will learn how the areas of organisational culture and communicative climate impact on the planning of public relations campaigns. The course builds on the theory and practice taught previously in the major. The course allows students to select an area of organisational communication that they wish to develop. The students will be introduced to the various aspects of organisational communication, such as public relations, community relations, employee relations, financial or investor relations and government relations. The concepts of strategic communication as a management function is explored and the student is introduced to the fundamentals of public relations campaign or programme proposals, the use of object, 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.

PRL2005 CORPORATE COMMUNICATION (FBELA - PGRD)

Units 1.0 (Public Relations) Band 3

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 effectiveness. This course is introduced to the various types of public relations, including organizational, community relations, employee relations, financial or investor relations and government relations. The concepts of strategic communication as a management function is explored and the student is introduced to the fundamentals of public relations campaign or programme proposals, the use of object, 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 (FBELA - PGRD)

Units 1.0 (Communication & Media Studies) Band 1

This course assumes the management perspective that when organisations 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 strategies which reflect upon their ability to adapt to specific work-related 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 communication policies used to facilitate issue management plans.

PRL2006 PROFESSIONAL COMMUNICATION PLANNING (FBELA - PGRD)

Units 1.0 (Public Relations) Band 1

Students will be introduced to management of public relations writing skills including the principles of effective public relations writing and the identification of best practice approaches. They will study how to research target publics and how to write for various mediums and channels, including audio, television, internet, radio, electronic mainstream media, social media, and organisational publications.

PRL2007 COMMUNITY PARTICIPATION (FBELA - UGRD)

Units 1.0 (Public Relations) Band 3

This course is the first part of the course introduces students to the historical and contemporary contexts of participation in organisations, and the development of organisational strategies to reflect the diversity of all its publics. The second part examines a range of theoretical perspectives which provide a deeper understanding of individual, organisational and policy dimensions of engagement, particularly from a public relations perspective. The third part focuses on models, methods and techniques of managing and conducting engagement. The fourth part focuses on the importance of stakeholder relationships - a critical component in maintaining knowledge on current issues and developing continuing professional practice.
and death.

This course takes a life-span approach, introducing students to essential knowledge necessary to achieve these goals. This course will cover a number of related topics in Motivation and Decision Topics include theories of learning, principles of process design, evaluation models applicable to facilitated processes, reflective practice, and evaluation feedback. The second aspect of the course focuses on theories of application of therapeutic processes and individual skill development. Students are required to develop a process design, facilitation microskills, and process management, in a structured and supported group learning task.

This course will introduce students to foundation intervention skills and models for therapeutic consultation 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 student awareness of the technical skills required to stimulate individual change.

In PSY105 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 in many other courses students will be required to run an experiment, test participants, record results, and analyse the data obtained. With respect to the professional skills component, the course will introduce students to foundation intervention skills and models for therapeutic consultation 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 student awareness of the technical skills required to stimulate individual change.

PSY2040 HUMAN INFORMATION PROCESSING (FHESC - UGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: PSY1020 and (PSY2100 or STA2300)

This course introduces the methods and statistics used to develop knowledge in the field of psychology. Topics covered include: qualitative reasoning, experimental design, internal and external validity, sampling and assignment, and an introduction to experimental and observational research designs, including participation in computer-assisted laboratory data collection. 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 qualitative 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 Health, Engineering and Sciences requirements.

PSY2050 FACILITATION AND NEGOTIATION (FHESC - UGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: PSY1102 for students enrolled in the BPSH and BPSB programs and CDSC1001 or PSY1100 for students enrolled in the BSCI (Counselling) major. Students from other programs who wish to take this course will need permission from the examiner.

This course introduces the methods and statistics used to develop knowledge in the field of psychology. Topics covered include: qualitative reasoning, experimental design, internal and external validity, sampling and assignment, and an introduction to experimental and observational research designs, including participation in computer-assisted laboratory data collection. 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 qualitative 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 Health, Engineering and Sciences requirements.

PSY2010 SOCIAL PROCESSES OF BEHAVIOUR (FHESC - 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, conformity, intergroup relations, prejudice, group processes, social influence, leadership and social influence). Applied skills relevant to assessment and research relevant to the field of psychol- ogy are also covered (e.g., assessing different kinds of evidence and applying theory to social problems). Students will also require email and internet access to USQConnect for this course.

PSY2020 MOTIVATION AND EMOTION (FHESC - 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 (FHESC - UGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: PSY1010

This course further develops the research and critical thinking skills learned by students in other psychology courses. It also introduces students to the skills required to function effectively in the workplace. Within the Work Integrated Learning component students will engage in a university-supported WI-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 (FHESC - 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 function, including clinical and forensic, and how these are applied in various practice settings. Students can expect to learn about some of the main tests currently in use, as well as a representative array of tests typifying the above areas.

PSY3030 ABNORMAL PSYCHOLOGY (FHESC - UGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: PSY2100

This course will focus on giving students a comprehensive account of how humans learn through the application of behavioral technology- based strategies and learning theories, with particular emphasis on the principles of operant learning and the role of reinforcement and punishment in the process of learning. Students will also gain an understanding of the role of social learning and self-regulation, in addition to a sound historical and theoretical background in learning and behaviour from Aristotle and Descartes, via Watson and Skinner, to Bandura and beyond. The course will also provide an opportunity to apply such knowledge and skills to contemporary issues in the workplace and to individual and group change scenarios. As such, the course consists of an initial 7 modules of content, assessed in a mid-semester online test, followed by a practical assignment where students will train an animal or other animal in a specific skill, and report on their objectives, processes and outcomes. Course requirements for a final examination will be decided by the examiner. The final examination proposal will be submitted early in semester for the approval of the Examiner and Moderator before any examination modification takes place.

PSY3000 LEARNING AND BEHAVIOUR CHANGE (FHESC - UGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: PSY2100

This course will introduce students to the concepts of how humans learn through the application of behavioral technology- based strategies and learning theories, with particular emphasis on the principles of operant learning and the role of reinforcement and punishment in the process of learning. Students will also gain an understanding of the role of social learning and self-regulation, in addition to a sound historical and theoretical background in learning and behaviour from Aristotle and Descartes, via Watson and Skinner, to Bandura and beyond. The course will also provide an opportunity to apply such knowledge and skills to contemporary issues in the workplace and to individual and group change scenarios. As such, the course consists of an initial 7 modules of content, assessed in a mid-semester online test, followed by a practical assignment where students will train an animal or other animal in a specific skill, and report on their objectives, processes and outcomes. Course requirements for a final examination will be decided by the examiner. The final examination proposal will be submitted early in semester for the approval of the Examiner and Moderator before any examination modification takes place.

PSY3010 CAREER ASSESSMENT AND DEVELOPMENT (FHESC - UGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: PSY2100

This course focuses on giving students a solid foundation in career development principles as well as practice in using assessment and feedback techniques 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.

PSY3014 PSYCHOLOGICAL SKILLS E (FHESC - 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 seminar will focus upon design and conducting a psychological experiment. Students will be required to write an introduction and method section. Work integrated learning will continue via a community/industry placement of approximately 100 hours duration.

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This course presents 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 tentious 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. This course will be offered via two compulsory work-shops on-campus, each of two day’s duration, and by self-directed study, readings, assignments and web-based discussion groups.

PSY4065 POSITIVE PSYCHOLOGY: THEORY AND APPLICATION (FHESC - UGRD)

Units 1.0 (Psychology) Band 1
Pre-requisite: Students must be enrolled in one of the following Programs: BPSH (Psychology Research) or BPSH (Psychology) or BPSH/BPSH students, completion of the first 3 years with a GPA of 5.0 across levels 1 to 3 psychology courses.

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 and research. The course also includes a practical component which provides students with supervised experiences in positive psychological assessment, delivering and delivering positive intervent ions with selected clients, and evaluating outcomes with individuals and groups.

PSY4070 ADVANCED ASSESSMENT (FHESC - UGRD)

Units 1.0 (Psychology) Band 1
Pre-requisite: Students must be enrolled in one of the following Programs: BPSH (Psychology Research) or BPSH (Psychology) or BPSH/BPSH students, completion of the first 3 years with a GPA of 5.0 across levels 1 to 3 psychology courses.

The development of testing skills and the application of testing pr iniciples 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 (5th), the Test of Premorbid Functioning (TOPF), and methods for assessing memory and learning.

PSY4080 PSYCHOLOGY COMPLEMENTARY STUDIES A (FHESC - 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 (FHESC - 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 ADVANCED RESEARCH APPROACHES (FHESC - UGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: Students must be enrolled in one of the following Programs: BSCD or PPDC or GCCO or MPPS
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 psychometric approaches. The second part focuses on the core skills of an assessment, in terms of how to assess individual patterns of substance use, to elicit information about the client’s experience of substance use, to identify problems and risks, to explore the roles of individual, cultural and life circumstances in the development of the client’s drug use, and to assess 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 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 nent is completed on an ongoing basis and links to the major as assignment, an assessable skills demonstration.

PSY5010 ASSESSMENT FOR SUBSTANCE MISUSE (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: Students must be enrolled in one of the following Programs: GCAD or PDPP or GCCO or MPPS
This course is divided into three parts. The first part concerns fundamentals 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 working at each level of the change cycle. Further skills development includes recognition of and response to resistance, the use of core interviewing techniques, 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 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 nent is completed on an ongoing basis and links to the major as assignment, an assessable skills demonstration.

PSY5020 MOTIVATIONAL INTERVIEWING (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: Students must be enrolled in one of the following Programs: GCAD or PPDC or GCCO or MPPS
This course is divided into three parts. The first part concerns key gnostic 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 working at each level of the change cycle. Further skills development includes recognition of and response to resistance, the use of core interviewing techniques, 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 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 nent is completed on an ongoing basis and links to the major as assignment, an assessable skills demonstration.

PSY5030 INTRODUCTION TO PSYCHOACTIVE DRUGS (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: Students must be enrolled in one of the following Programs: GCAD or PPDC or GCCO or MPPS
This course focuses primarily on acquisition of foundation knowledge and is divided into three parts. The first part, Modules 1 and 2, cover the evolution and current status of drug classification systems, as well as information on the psychopharmacology of drug addiction. The second part, Modules 3 to 5, focuses on specific classes of drugs, including stimulants, depressants, and anxiolytics, and covers all of the common and emergent forms of substance misuse. Students are guided through the key practical elements of how to assess an individual’s stage of change, and strategies for working at each level of the change cycle. Further skills development includes recognition of and response to resistance, the use of core interviewing techniques, and assessment for change readiness as a foundation for treatment planning. 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.

PSY5040 RELAPSE PREVENTION (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: Students must be enrolled in one of the following Programs: GCAD or PPDC or GCCO or MPPS
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 is concerned with the content of the more proximal factors and cogniti vities that maintain health compromising behaviours. Students are provided with a range of practical activities to assist development of skills for identification of cognitive distortions. This component also includes revision of strategies for responding to crises and relapse and relapses, 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 (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: Students must be enrolled in the following Programs: PDDP or MPPS or being undertaken as the course as professional development
Students will be introduced to a wide variety of methodological and statistical techniques that will enable their ability to utilise research findings in the assessment and treatment of their clients. These techniques include the development and evaluation of test reliability and validity, the analysis of correlational, clinical practice, the selection and recombination of test data into composite, the examination and monitoring, and evaluation of treatment efficacy, meta-analysis and meta-nor ming, the computation and analysis of 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 (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: Students must be enrolled in one of the following Programs: PDDP or MPPS or being undertaken as the course as professional development
Students will be introduced to the practice of psychology across the lifespan from a psychosocial/psychological perspective. Each phase of development 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 psych ological and social pressures encountered by people in different phases of their life. A developmental approach will be taken in this course that focuses on the distinct types of issues confronted by psychologists in each phase of human development. Understanding many, age, and cultural background that examines the differing influences of physical and emotional development, social roles, cultural influences, and life crises.

PSY5110 ETHICAL, LEGAL AND PROFESSIONAL ISSUES (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: Students must be enrolled in one of the following Programs: PDDP or MPPS or being undertaken as the course as professional development
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/interpersonal skills that they bring into their professional practice. Building on this knowledge, students will draw upon and extend their knowledge and interpersonal/professional competencies, including initial inter viewing, providing a therapeutic alliance, and monitoring client outcomes. There is a focus on skill acquisition within the context of professional and interpersonal competency and professional ethics. Learning opportunities include compulsory day-long workshops on-campus or in the field, role-play practice, group skill-based learning and feedback, research and theoretical reviews, written as assignments and web-based discussions.

PSY5120 ADVANCED RESEARCH TECHNIQUES (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: PSY1010 or must be enrolled in the following Program: MPPS
Students will be introduced to a number of techniques. The course also reviews and builds upon relevant previous course material. Stud ents will learn to think about research designs and research hypothesis as in a more critical, intuitive and constructive way. These techniques will be applied in the context of academic research and practice, may face 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 discussed in the first workshop.

PSY5130 PSYCHOLOGY PRACTICUM 1 (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: Students must be enrolled in one of the following Programs: PDDP or MPPS
The first practicum is designed to provide a student with a structured in a practice setting to develop functional clinical psychological skills can be developed to high levels of competency. It provides an oppor tunity to examine applied professional psychological perspectives and to then apply empirically supported interventions. It therefore promotes a scientific approach to the practice of professional psycho logic. 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 and structured
PSY8045 CLINICAL INTERVENTION (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: Students must be enrolled in one of the following Programs: MPPCL.
This course addresses principles and practice of supportive cognitive behaviour therapy in relation to common psychological disorders such as anxiety, depression and stress. This material will be presented in role-played practical skill development workshops. The skill level of individual students will be assessed during workshop sessions.

PSY8050 ADVANCED CLINICAL INTERVENTION (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: PSY8045
This course addresses principles and practice of supportive, integrative and interpersonal psychotherapies across the spectrum of anxiety and trauma-based complex mental health issues across the lifespan. The course material is presented through personal critical reflection, discussion and debate in class and on-line, and through experiential skill development in three two-day workshops. The knowledge acquired will be assessed through a case-study based in-class test. The student and individual students will be assessed using role-played therapy sessions.

PSY8060 HEALTH PSYCHOLOGY (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: PSY8065
This course will examine biopsychosocial factors associated with mortality and morbidity in the Australian culture. It will consider the research and theory relevant to health and lifestyle-related behaviour and pain management. 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 (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Co-requisite: PSY8010
This course aims to solve a problem-solving approach to understand the common mental disorders, notably diagnosis but also etiology, maintaining mechanisms, and broad frameworks of intervention.

PSY8071 CHILD AND ADOLESCENT PSYCHOPATHOLOGY (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: PSY8005 and PSY8010
This course will explore the basic knowledge and theories of child development, to explore the characteristics, epidemiology, causes, and treatment of psychopathology in children. The course will range from early developmental problems through middle and late childhood to disorders common during adolescence.

PSY8130 PRAC TICUM 1 (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: PSY8130 and Students must be enrolled in one of the following Programs: DPC or MPPCL or PDPP or MPPH.
The first Practicum is designed to provide students with a structured situation in which appropriate skills can be developed to high levels of competency. It gives the student the opportunity to examine applied problems from a theoretical perspective and to then apply theoretically derived interventions. It is mostly a scientist-practitioner model of the professional psychologist. Students will be encouraged to approach applied problems and skill based learning in a hypothesis based assessment perspective. The emphasis is on skill development in a supervised, structured environment. Expert feedback on performance is an essential feature of the learning process and strong emphasis is placed on skill development under adequate supervision.

PSY8140 PRAC TICUM 2 (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: PSY8130 and Students must be enrolled in one of the following Programs: DPC or MPPCL or PDPP or MPPH.
This practicum course provides students with a structured situation in which to develop knowledge and skills within the psychological field. While the objectives are similar to Practicum 1, the level of independence and practice and the application to specialist areas further challenges the student to broaden and diversify beyond their responsibilities in their line of practice and the application to specialist areas further challenges practitioners and the development to specialist areas further challenges practitioners.

PSY9150 CLINICAL PSYCHOLOGY PRACTICUM 3 (FHESC - PGRD)
Units 1.0 (Psychology) Band 1
Pre-requisite: PSY9140 and Students must be enrolled in the following Program: DPCCL or MPPH or MPPCL.
Assessment of the student's evaluations and skill development in Practicums 1 and 2 will define 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 advised to address some of their time so that an appropriate setting is available. However, the primary goal is to prepare the student for entry into the psychology profession.

PSY9152 CLINICAL PSYCHOLOGY PRACTICUM CASE STUDIES (FHESC - RSCH)
Units 1.0 (Psychology) Band 1
Pre-requisite: PSY9150
This course is a case-based course where students demonstrate Scientific Practice skills by submitting a folio of a selected case study of clients they have treated in practice. Within the folio students demonstrate their research skills using qualitative and/or quantitative data to demonstrate clinical outcomes. Students are also expected to utilize this data to assist with the planning of treatment and also utilise this information to reflect on clinical process of care.

PSY9160 CLINICAL PSYCHOLOGY MASTERS PROJECT A (FHESC - RSCH)
Units 2.0 (Psychology) Band 1
Co-requisite: PSY8020
This is the second course that contributes to the Psychology Masters/PhD Thesis. 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.

PSY9170 CLINICAL PSYCHOLOGY MASTERS PROJECT B (FHESC - RSCH)
Units 2.0 (Psychology) Band 1
Pre-requisite: PSY9150
This is the second course that contributes to the Psychology Doctoral Project. At completion of this course the student shall have submitted a 30 page dissertation and presentation in line with candidate.

PUB3001 EDITING AND PUBLISHING FOR WRITERS (FBEA - UGRD)
Units 1.0 (Communication and Media Studies) Band 1
Pre-requisite: CWIR2002
This third year course develops knowledge and skills in publishing and editing. The course provides instruction on the stages and tasks of the publishing process. The editor's role is covered in detail, including proofreading, copyediting and structural editing with a focus on self-editing for writers. Publishing plan, design, production and marketing for both print and electronic devices are also a major focus. Legal and ethical concerns are covered as well, including copyright and intellectual property.

PUB5001 INTRODUCTION TO EDITING AND PUBLISHING (FBEA - PGRD)
Units 1.0 (Communication and Media Studies) Band 1
Pre-requisite: PUB5001
This course is an introduction to electronic publishing. The course is an exploratory and reflexive study of possible futures for the publishing industry. The course considers the historical forces - technological, economic and social - that have influenced publishing, culminating in digital change. The course introduces the development and production of digital electronic books, and examines digital production processes. This course explores the possibilities and opportunities they might offer.

PUB5002 WRITING FOR EDITORS (FBEA - PGRD)
Units 1.0 (Communication and Media Studies) Band 1
Pre-requisite: PUB5001
This course develops the skills editors and publishing professionals will need to write a range of materials during different stages of the publishing process, including manuscript assessments and readers' reports, author queries, briefs for publishing teams and publishing project planning and reports. Instruction will focus on the writing skills required by editors and publishers that contribute to effective communication and the development of professional relationships. Emphasis will be on the principles of good writing including conciseness, clarity, consistency, punctuation, grammar and expression. Technical knowledge of language will be underpinned by critical analysis of the means by which language changes over time as well as appropriate forms of expression in different contexts, for different audiences and document types. The communication challenges posed by digital production processes and traditional or off-site editing and publishing will also be examined.

PUB5003 EDITING IN PRACTICE (FBEA - PGRD)
Units 1.0 (Communication and Media Studies) Band 1
Pre-requisite: PUB5001
This course provides instruction on all levels of editing including proofreading, copyediting and structuring. Students will develop abilities to assess the suitability of language types for different audiences and contexts. Aspects of project management relevant to editing and publishing, such as written communication, scheduling, planning and budgeting, relating to both freelance and in-house editing practice will also be covered. An online discussion group provides a means of raising and addressing issues and opportunities as they arise, and fostering common interests.

PUB5004 PROFESSIONAL PRACTICE IN EDITING AND PUBLISHING (FBEA - PGRD)
Units 1.0 (Communication and Media Studies) Band 1
Pre-requisite: PUB5001
This course introduces a range of professional knowledge and skills needed in the editing and publishing field. The course outlines interpersonal communication skills such as effective verbal and written communication and negotiation, as well as outlining ethical issues relating to editing and publishing. The course also explores legal issues in the publishing domain such as copyright and defamation. The course also introduces the knowledge and skills required to participate effectively in the editing and publishing industry as both team members and leaders. Finally, the course covers the need for editing and publishing professionals to engage in critical reflection.

PUB5005 PUBLISHING AND PRODUCTION MANAGEMENT (FBEA - PGRD)
Units 1.0 (Communication and Media Studies) Band 1
Pre-requisite: PUB5001
This course provides the framework to assist you in understanding the processes involved in book production commissions, acquisition, designing, producing and marketing/promoting books. The course also introduces you with the knowledge and skills to prepare a publishing proposal, negotiate a contract/letter of agreement, cost the project 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 decision-making processes required at each of the editorial, design, production and marketing stages.

PUB5006 INTRODUCTION TO ELECTRONIC PUBLISHING (FBEA - PGRD)
Units 1.0 (Communication and Media Studies) Band 1
Pre-requisite: PUB5001
This course is an introduction to electronic publishing. The course is an exploratory and reflexive study of possible futures for the publishing industry. The course considers the historical forces - technological, economic and social - that have influenced publishing, culminating in digital change. The course explores the possibilities and opportunities they might offer.

PUB5001 PUBLISHING PROJECT (FBEA - PGRD)
Units 1.0 (Communication and Media Studies) Band 1
Pre-requisite: PUB5001
This course is an introduction to electronic publishing. The course is an exploratory and reflexive study of possible futures for the publishing industry. The course considers the historical forces - technological, economic and social - that have influenced publishing, culminating in digital change. The course explores the possibilities and opportunities they might offer.
Ecology and conservation are closely related scientific disciplines that explore the variable 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 conservation of species, communities and ecosystems (conservation). This course provides an introduction to 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 components and processes in human-modified landscapes (including land transformation, habitat fragmentation, patch dynamics, conservation corridors and connectivity), implications for conservation and ecologically sustainable development.

REN9000 MASTER OF PHILOSOPHY STUDIES

Units 1.0 (Environmental Studies not elsewh) Band 1

The course provides a general introduction and overview of the emergence of environmental issues at the global scale. An interdisciplinary approach to the study of the environment is provided at a general level for students across all faculties. The material is presented 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 sustainable management. Consideration is given to population growth, the influence of technological, economic and the role of community value systems. Issues examined from a global perspective include food, water and energy production and use, water pollution, atmospheric pollution, urban systems and waste management. Ecologically sustainable environmental problems are dealt with under the ecologically sustainable development framework.

REN9001 MASTER OF PHILOSOPHY STUDIES PART-TIME BIOLOGY, ENGINE, PHYSICS OR PSYCHOLOGY

Units 2.0 (Engine & Culture not elsewh) Band 1

Part-time candidates undertaking research in Biology, Engineering, Physics or Psychology who enrol in this course for each semester of their candidature. This will normally be for a total of four semesters.

REN9002 MASTER OF PHILOSOPHY STUDIES PART-TIME MATHEMATICS, ARTS, BUSINESS, EDUC OR NURSING

Units 2.0 (Engine & Culture not elsewh) Band 1

Part-time candidates undertaking research in Mathematics, Arts, Business or Education who enrol in this course for each semester of their candidature. This will normally be for a total of four semesters.

RSH9000 INTRODUCTION TO RESEARCH

Units 0.0 (Process and Resources Engineer) Band 2

This course will operate on the basis of frequent individual consultation and will provide guidance on the development of a research proposal that demonstrates the student's ability to undertake a research project at an appropriate scholarly level. The course examines the overall research process. Throughout the course as students identify an appropriate theoretical framework to underpin their research proposal.

RSH9001 RESEARCH METHODS

Units 1.0 (Society and Culture not elsewh) Band 1

Learners will, with guidance from the course examiner, plan and execute an independent piece of research which is clearly related to the candidate's work experience and/or areas of interest. This two-credit unit research course is intended to meet the needs of learners who wish to include a research component in their masters program by providing a vehicle in which research can be undertaken to apply and extend knowledge developed in their program of study. The research must reflect mastery of the content of current literature and be based on the knowledge and skills developed in the student's prior program. To successfully complete the course, students will be required to write and carry out supervised research leading to the submission of a research proposal that demonstrates their ability to undertake a research project at an appropriate scholarly level. This course will operate on the basis of frequent individual consultation and will provide guidance on the development of a research proposal that demonstrates the student's ability to undertake a research project at an appropriate scholarly level.
SCI9015 MASTER OF SCIENCE RESEARCH PROJECT F (FHESC - RSCH)
Units 2.0 (Natural and Physical Sciences) Band 2 Pre-requisite: Student must be enrolled in the following Program: MSCR
Candidates undertaking Master of Science (Research) will undertake studies on their research project in consultation with their Project Supervisors and the Faculty MSCR Program Coordinator.

SCI9016 MASTER OF SCIENCE RESEARCH PROJECT F (FHESC - RSCH)
Units 2.0 (Natural and Physical Sciences) Band 2 Pre-requisite: 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. Candid dates will undertake studies on their research project. Which has been decided in consultation with their Project Supervisors and the Faculty of Sciences.

SCI9017 MASTER OF SCIENCE PSYCHOLOGY RESEARCH PROJECT (FHESC - PGRD)
Units 2.0 (Natural and Physical Sciences) Band 2 Pre-requisite: Student must be enrolled in the following Program: MSCR
Full-time candidates undertaking Master of Science (Research) Psychology Stream (MSCR) should enrol in this course in the first semester of their candidature. Candid dates will undertake studies on their research project. Which has been decided in consultation with their Project Supervisors and the Faculty MSCR Program Coordinator.

SES1299 PROFESSIONAL PLACEMENT 1 (FHESC - UGRD)
Units 0.3 (Human Movement) Band 1 This course predominantly provides observational learning regarding the nature of the authentic professional experience in a sport and exercise context. The course also provides the opportunity to observe practical applications of sport and exercise skills. The course involves skills that will provide students with opportunities to value add to professional skills developed during the course being of a practitioner. The importance of evidence based research and the ability to draw together knowledge and skills from different discipline areas is outlined. Effective time management skills and work related documentation processes to ensure successful completion of the course are provided during the program of study.

SES1302 MOTOR CONTROL AND LEARNING (FHESC - UGRD)
Units 1.0 (Human Movement) Band 1 This course provides an understanding of the nature of motor control and learning. It outlines the theoretical basis of motor control and learning. It provides a solid and perform evaluations of motor skill. The course will develop knowledge and skills relevant to the design of suitable programs, based on best practice, for use in teaching motor skills. It also will include a range of health programs and agencies and analyse the various issues involving them. Physical activity levels across the lifespan and with special populations will be outlined and interventions to improve health and fitness (and associated psychological aspects) will be examined. Procedures to review the health of the population and recommendations for pro grams to improve physical activity levels will be outlined and be applied to practical contexts where possible. Research and other information from other areas of health, sport and exercise will be outlined and related to the course as a way of improving the health status of the population.

SES1305 PHYSICAL ACTIVITY AND CONDITIONING (FHESC - UGRD)
Units 1.0 (Human Movement) Band 1 This course outlines contemporary thinking with regards to health promotion, particularly as it relates to the levels of physical activity of the population. This course will examine a range of health programs and agencies and analyse the various issues involving them. Physical activity levels across the lifespan and within special populations will be outlined and interventions to improve health and fitness (and associated psychological aspects) will be examined. Procedures to review the health of the population and recommendations for pro grams to improve physical activity levels will be outlined and applied to practical contexts where possible. Research and other information from other areas of health, sport and exercise will be outlined and related to the course as a way of improving the health status of the population.

SES1307 STRENGTH TRAINING AND CONDITIONING (FHESC - UGRD)
Units 1.0 (Human Movement) Band 1 This course provides an understanding of the fundamental and advanced scientific principles and practice of muscle physiology during strength training and conditioning and for sport and exercise performance. The course will develop knowledge and skills relevant to the design of suitable programs, based on best practice, for use in teaching motor skills. It also will include a range of health programs and agencies and analyse the various issues involving them. Physical activity levels across the lifespan and within special populations will be outlined and interventions to improve health and fitness (and associated psychological aspects) will be examined. Procedures to review the health of the population and recommendations for pro grams to improve physical activity levels will be outlined and applied to practical contexts where possible. Research and other information from other areas of health, sport and exercise will be outlined and related to the course as a way of improving the health status of the population.

SES1309 PROFESSIONAL PLACEMENT 2 (FHESC - UGRD)
Units 0.2 (Human Movement) Band 1 Pre-requisite: SES1299
This course provides primary learning regarding the nature of the authentic professional experience to be undertaken particularly the one-on-one strength training and/or conditioning of a client. The course will enable students to develop the ability to communicate theoretical knowledge and to apply practical skills developed during the course and as a practitioner. The importance of evidence based research and the ability to draw together knowledge and skills from different discipline areas is outlined. Effective time management skills and work related documentation processes to ensure successful completion of the course are provided during the program of study.

SES1310 EXERCISE PHYSIOLOGY (FHESC - UGRD)
Units 1.0 (Human Movement) Band 1 Pre-requisite: BIO1003
The course will build upon the knowledge developed from previous courses in human anatomy and physiology and will apply those principles in studying how the physiological systems work in health and chronic stresses in sport and exercise. The knowledge obtained will be applied to evaluate, improve and maintain health and fitness and sports performance. Practical and theoretical skills, and skills in reading, interpreting and analysing research in sport and exercise physiology.

SES2201 HEALTH, EXERCISE AND SPORT ASSESSMENT E (FHESC - UGRD)
Units 1.0 (Human Movement) Band 1 This course provides knowledge and skills in relation to the type, care and use of health and exercise assessment equipment. It provides the opportunity to evaluate a range of assessments and record and analyse results and report the findings. The course will also outline the interaction of theoretical and practical aspects relevant to exercise and sport assessment and the role of research from various discipline areas.

SES2202 BIOMECHANICS (FHESC - UGRD)
Units 1.0 (Human Movement) Band 1 This course provides an outline of biomechanics and its relationship to humans in movement across a range of groups in the population. Biomechanics is the theoretical basis of human movement and provides practical opportunities to measure human performance. It provides the opportunity to design and apply clinical biomechanics specific needs of clients. The importance of research in biomechanics for sport and exercise context will be outlined. Relevant research methods and information will be presented. This course will provide knowledge and skills relevant to advanced biomechanics research design and practices.

SES2203 PHYSICAL ACTIVITY AND LEARNING (FHESC - UGRD)
Units 1.0 (Human Movement) Band 1 This course outlines contemporary thinking with regards to health promotion, particularly as it relates to the levels of physical activity of the population. This course will examine a range of health programs and agencies and analyse the various issues involving them. Physical activity levels across the lifespan and within special populations will be outlined and interventions to improve health and fitness (and associated psychological aspects) will be examined. Procedures to review the health of the population and recommendations for programs to improve physical activity levels will be outlined and applied to practical contexts where possible. Research and other information from other areas of health, sport and exercise will be outlined and related to the course as a way of improving the health status of the population.

SES2205 ADVANCED EXERCISE PROGRAMMING AND REHABILITATION (FHESC - PGRD)
Units 1.0 (Human Movement) Band 1 This course provides an understanding of the fundamental and advanced scientific principles and practice of muscle physiology during strength training and conditioning and for sport and exercise performance. The course will develop knowledge and skills relevant to the design of suitable programs, based on best practice, for use in teaching motor skills. It also will include a range of health programs and agencies and analyse the various issues involving them. Physical activity levels across the lifespan and within special populations will be outlined and interventions to improve health and fitness (and associated psychological aspects) will be examined. Procedures to review the health of the population and recommendations for programs to improve physical activity levels will be outlined and applied to practical contexts where possible. Research and other information from other areas of health, sport and exercise will be outlined and related to the course as a way of improving the health status of the population.

SES2207 ADVANCED EXERCISE ASSESSMENT AND DELIVERY (FHESC - PGRD)
Units 1.0 (Human Movement) Band 1 This course develops advanced knowledge and skills required to plan and implement exercise programs for an apparently healthy population. Content will be extended to include individuals within selected special populations such as those with chronic illness and fitness and disability and for the elderly. Exercise prescription principles will be outlined and evidence based training methods to improve health and performance related to components of physical fitness and wellbeing (physical function and capacity) will be examined. Exercise programmes for apparently healthy clients and those with pathology or injury that has been prescribed by an appropriately qualified health professional. The delivery of exercise programmes for clients in clinical populations and locomotion will be outlined. A range of theoretical and practical issues will be outlined.

SES2208 ADVANCED ANATOMY AND PHYSIOLOGY (FHESC - PGRD)
Units 1.0 (Human Biology) Band 2 This course outlines advanced anatomy and functional anatomy principles and provides a review of the functional and structural requirements of the neuro-musculoskeletal system relevant to exercise. The course particularly develops knowledge and skills needed for identification and application of exercise principles relevant to exercise. The course particularly develops knowledge and skills needed for identification and clinical applications of the neuro-musculoskeletal system relevant to exercise. The course particularly develops knowledge and skills needed for identification and application of the neuro-musculoskeletal system relevant to exercise.
SPE3003 TEACHING STUDENTS WITH HIGH SUPPORT NEEDS (FBELA - UGRD)
Units 1.0 (Teacher Education: Special Edu) Band 5
Pre-requisite: Students will be introduced to a range of social science theories and disciplines such as anthropology, sociology, psychology, law, environmental 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 examination of the various disciplinary approaches to the selected social problem.

SPE3004 SOCIAL AND EMOTIONAL WELLBEING AND LEARNING (FBELA - UGRD)
Units 1.0 (Teacher Education: Special Edu) Band 5
Pre-requisite: Students will be introduced to a range of social science theories and disciplines such as anthropology, sociology, psychology, law, environmental 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 examination of the various disciplinary approaches to the selected social problem.

SPE3005 MANAGING CHALLENGING BEHAVIOURS (FBELA - UGRD)
Units 1.0 (Teacher Education: Special Edu) Band 5
Pre-requisite: Students will be introduced to a range of social science theories and disciplines such as anthropology, sociology, psychology, law, environmental 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 examination of the various disciplinary approaches to the selected social problem.

SPE3006 LANGUAGE AND COMMUNICATION DISORDERS (FBELA - UGRD)
Units 1.0 (Teacher Education: Special Edu) Band 5
Pre-requisite: Students will be introduced to a range of social science theories and disciplines such as anthropology, sociology, psychology, law, environmental 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 examination of the various disciplinary approaches to the selected social problem.

SPE3007 DIFFERENTIATED CURRICULUM (FBELA - UGRD)
Units 1.0 (Teacher Education: Special Edu) Band 5
Pre-requisite: Students will be introduced to a range of social science theories and disciplines such as anthropology, sociology, psychology, law, environmental 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 examination of the various disciplinary approaches to the selected social problem.

SPE3008 COMMUNICATION AND COLLABORATION (FBELA - UGRD)
Units 1.0 (Teacher Education: Special Edu) Band 5
Pre-requisite: Students will be introduced to a range of social science theories and disciplines such as anthropology, sociology, psychology, law, environmental 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 examination of the various disciplinary approaches to the selected social problem.

STA2300 DATA ANALYSIS (FHESC - UGRD)
Units 1.0 (Statistics) Band 2
Pre-requisite: Students will be introduced to a range of social science theories and disciplines such as anthropology, sociology, psychology, law, environmental 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 examination of the various disciplinary approaches to the selected social problem.

STA2301 DISTRIBUTION THEORY (FHESC - UGRD)
Units 1.0 (Statistics) Band 2
Pre-requisite: Students will be introduced to a range of social science theories and disciplines such as anthropology, sociology, psychology, law, environmental 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 examination of the various disciplinary approaches to the selected social problem.

CRICOS: QLD 00244B, NSW 02255M | TEQSA: PRV12081
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This course provides the students with a firm grounding in the theory and methods of statistical inference and builds on the material covered in STA2301. Distribution Theory. Students will use a number of statistical procedures useful for both parametric and nonparametric inferences and learn different applications for both. Within this course, students shall develop statistical procedures from first principles. Furthermore, problems on estimation and interval estimation as well as hypothesis testing under the classical framework are covered. The theoretical developments which are established in this course are supported by practical applications. 

STA2302 STATISTICAL INFERENCE (FHESC - UGRD) 
Units 1.0 (Statistics) Band 2 
Pre-requisite: STA2300 
This course provides the opportunities for a student to pursue an area of study that will complement the other studies in the student’s program. Typically the course will consist of specialized investigations extending knowledge and skills in a certain area. The studies could involve, for example, directed readings, a project (where appropriate), some other approved activity which would complement the student’s studies in the program.

STA8180 ADVANCED STATISTICS A (FHESC - PGRD) 
Units 1.0 (Statistics) Band 2 
This course provides the opportunities for a student to pursue an area of study that will complement the other studies in the student’s program. Typically the course will consist of specialized investigations extending knowledge and skills in a certain area. The studies could involve, for example, directed readings, a project (where appropriate), some other approved activity which would complement the student’s studies in the program.

STA8190 ADVANCED STATISTICS B (FHESC - PGRD) 
Units 1.0 (Statistics) Band 2 
This course provides the opportunities for a student to pursue an area of study that will complement the other studies in the student’s program. Typically the course will consist of specialized investigations extending knowledge and skills in a certain area. The studies could involve, for example, directed readings, a project (where appropriate), some other approved activity which would complement the student’s studies in the program.

SVY1102 SURVEYING A (FHESC - 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 development of land and infrastructure. The work 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 (FHESC - UGRD) 
Units 1.0 (Surveying) Band 2 
Pre-requisite: SVY1102 or SVY1103 or Students must be enrolled in one of the following Programs: GCST or GDST or MSST or MENS 
Society has always needed to be able to measure and map the Earth’s surface to plan for the future. Measurement of land and geographic features assists in utilizing the Earth’s resources for a sustainable future. The role of the Spatial Scientist is fundamental in defining spatial location of the Earth’s surface and features. This course expounds upon previous surveying theory into increasingly sophisticated surveying technology and methodology. This will include: adjustment of surveying instruments; electronic distance measurement and calculation; survey computations. Specific surveying techniques for traversing, traverse calculations, area calculations, coordinate calculations; road geometry and 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 utilize programming to obtain solutions.

SVY1110 INTRODUCTION TO GLOBAL POSITIONING SYSTEM (FHESC - UGRD) 
Units 1.0 (Surveying) Band 2 
The use of the Global Positioning System (GPS), for accurate determination of positions on earth, has grown exponentially since the late 1980s and early 1990s. Today GPS is firmly entrenched in the general operations of professional surveying and GIS organisations. The course presents fundamental information on structure, characteristics and use of GPS and other geopositioning systems (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 code observables 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 fundamental knowledge in areas of general GPS surveying, agriculture, machine guidance, mapping and general data collection.

SVY1150 SPACE TIME STRATEGIC ENVIRORS (FHESC - 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 surveying and spatial science skills to guarantee the establishment, alignment and fitting of structural or land components, and to ensure that all structures and land components are properly designed, constructed and maintained. This course provides an understanding of the fundamental concepts of spatial engineering, including design, construction and measurement processes. This course provides an understanding of the part that spatial science plays in the interpretation of spatial information and the spatial data.
SYV2903 SURVEYING AND SPATIAL SCIENCE PRACTICE 3 (FHEC - UGRD)
Units 0.0 (Surveying) Band 2
Pre-requisite: SVY1101 and SVY1102 or SVY1119 and SVY1110 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 industrial and technical 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 skills required in cadastral surveying, cadastral law and reinstatement, post-processed GPS and GIS network exercises can be undertaken by students as individual modules. Students can undertake exercises in essential business skills including project management and writing a business plan.

SYV3000 LAND ADMINISTRATION (FHEC - UGRD)
Units 1.0 (Surveying) Band 2
Pre-requisite: SVY1110 and Students must be enrolled in one of the following Programs: GCNS or GDNS or GSST or MIST or MENS.

The purpose of this course is to provide the student with an understanding of the principles involved in determining the size and shape of the land, 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 presentation of geodetic data in a usable form. The course provides the student with the necessary knowledge and skills to plan and undertake GPS/GNSS surveys.

SYV3110 GEODETIC SURVEYING B (FHEC - UGRD)
Units 1.0 (Surveying) Band 2
Pre-requisite: SVY1101 and SVY1102 or SVY1119 and SVY1110 or Students must be enrolled in one of the following Programs: GCNS or GDNS or GSST or MIST or MENS.

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 the legal aspects of the cadastral. This course extends the student's knowledge of the statute and common law that relate to land interests and cadastral boundaries.

SYV3409 PRACTICE MANAGEMENT FOR SPATIAL SCIENTISTS (FHEC - UGRD)
Units 1.0 (Surveying) Band 2
Pre-requisite: Units 2.0 (Surveying) and SVY2903 or SVY2904 or SVY3000

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 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 recognize possible difficulties that might arise, to analyse relevant issues, and to take appropriate action where necessary.

THE1000 PREPARATION FOR PRACTICE (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: THE1001 or THE1002

This course provides a rigorous introduction to the personal, principled, and professional practices that theatre artists apply in preparing for creative practice. Students are led through appropriate approaches to theatre-making from a variety of performing and non-performing perspectives. The course will additionally provide skills in self-reflection and critique, and the ability to respond to practical and critical feedback in a constructive manner.

THE1001 ACTING 1 (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: THE1021 or THE1022

Acting 1 introduces the principles of acting for the stage, and the working practices involved in the profession. The course will cover basic voice and movement exercises and the development of an acting technique. The course will include the study of performance in the context of the theatre, and cover the development of individual acting practice and of the actor as a performer. The course will also introduce the history and theory of the craft of acting, and will prepare students for further study in the field.

THE2009 MODERN DRAMA: PLAYS IN-BETWEEN (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: 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 exemplify. Plays to study include Restoration, French Neo-classicism, popular theatre and melodrama, rise of realism/naturalism, and late 20th century theatrical experimentation.

THE2010 PROFESSIONAL SKILLS DEVELOPMENT 2 (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: THE1001 or THE1002

This course covers the theory and practice of scenography. It provides study, training and experience in the duties, procedures and responsibilities of entry-level theatre technicians and explores the theory and practice of scenography.

THE2011 ACTING 2 (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: THE1001 or THE1002

This course introduces students to the principles of the working actor's craft, based upon the Stanislavsky system. Basic vocal and movement maintenance are also introduced in voice and movement practitioners.

THE2012 ESSENTIAL SCENOGRAPHY (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: THE1001 or THE1002

This course introduces an approach to the technical production/creation of theatre. It provides study, training and experience in the duties, procedures and responsibilities of entry-level theatre technicians and explores the theory and practice of scenography.
THE2012 LIGHTING FOR THEATRE (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: THE1022
Students in this course will study the history and theory of lighting design, and their knowledge of contemporary lighting equipment and processes that are relevant in the live entertainment industry.

THE2022 CREATIVE DEVELOPMENT (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
This course introduces the theoretical and practical procedures in playwriting, and the students will develop their own knowledge of contemporary arts. Students are introduced to a heuristic exploration of the principles of script and new work development. Students are then mentored through an application of their learning in generating theoretical mate rial with the assistance of writers, skills, lyrics, music, digital images, and spatial constructions.

THE3011 PREPARING FOR THE ENTERTAINMENT INDUSTRY 1 (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: THE2011 and Students must be enrolled in one of the following Programs: BCRA or BCAR
This course involves students in the rehearsal and preparation for performance of a range of Australian plays. Performance work is conducted in front of an online audience. Students are also engaged in designing a range of video-based content as a learning resource for secondary students in the study of Australian plays.

THE3022 SOUND FOR THEATRE (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: THE1022
Students in this course will study the history and theory of sound design, and further their knowledge of contemporary audio and visual technologies and processes that are relevant in the live entertainment industry.

THE3032 ACTING 2 (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: THE3031 or THE3022
Commensurate with individual career aspirations developed through study in previous courses, students enrolled in this course will either be assigned to performance-oriented project work employing digital technologies or to project work requiring the development and application of skills and processes involved in time, resource and personnel management across a variety of creative work environments.

THE3032 PREPARING FOR THE ENTERTAINMENT INDUSTRY 2 (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: THE3031 and Students must be enrolled in one of the following Programs: BCRA or BCAR
Students in this course will be mentored by staff from their specific career work in developing business, entrepreneurial, and strategic knowledge for effective and sustainable entry into their industry of choice or graduate pathway. Students may negotiate to complete industry entry-level work or complete an industry secondment as part of the work necessary to complete assessment requirements for this course. The culmination of this course requires students to complete a professional portfolio that effectively represents their work capabilities and professional standards and qualifies as a re source for their entry into professional or post-graduate practice.

THE3021 LIGHTING FOR THEATRE (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: THE2011
Students will rehearse and present a Shakespeare performance work as a part of the annual Shakespeare Festival. This may involve live performance, touring and video digital recording work.

THE3025 ADVANCED TECHNICAL THEATRE (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: THE1022
In consultation with the first examiner, students will set their own goals and work towards gaining a comprehensive theoretical, technical, artistic and industrial understanding of one of the disciplines of technical theatre.

THE3032 ACTING 4 (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: THE3031 and Students must be enrolled in one of the following Programs: BCRA or BCAR
This practical work involves students in rehearsing for public performance (and public performance as indicator of the body and theatrical conventions of the classic theatre of ancient Greece and Rome. This version produced 8 Dec 2016.

THE0001 SHAKESPEAREAN NEGOTIATIONS (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: Students must be enrolled in one of the following Programs: BCRA or BCAR
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 relation to recent and current scholarly concerns in this field. Topics and theoretical perspectives may include (but are not limited to) the following: New Historicism and Cultural Materialism; performance theory and theatricality; gender studies and queer theory; the new phenomenology and the early modern body/mind; medicine and disease; practiong Shakespeare; authorship, textuality and print culture; online and digital Shakespeare.

THE0002 THE BODY: REPRESENTATION AND IMPOSITION (FBELA - PGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: Students must be enrolled in the following Program: WAVA
This course seeks to engage students in the application of theory to research and practice through demonstration and analysis of the body as a vehicle for complex and transmissible expression. The body is very often the locus of meaning for performative texts. The body may be read, embodied, quizzed, 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) is central to all discussions in this course.

TOU1003 TOURISM MANAGEMENT (FBELA - UGRD)
Units 1.0 (Tourism) Band 3
This course provides students with the opportunity to study the theoretical and practical concepts of the travel industry. This version produced 8 Dec 2016.

TOU2009 CULTURAL TOURISM (FBELA - UGRD)
Units 1.0 (Tourism) Band 3
This course addresses the nature and growth of ecotourism as a specialist segment of the tourism industry. The course is designed to focus on sustainable, which is one of the core criteria that identify ecotourism, and policies and practices to ensure sustainability. It also examines the other core criteria - the range of natural environments in which ecotourism operates, and interpretation (or envi ronmental education) and its role in ecotourism and visitor management. 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 cultivating 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 then complete a research paper on the course.

TOU2006 PRE-RENAISSANCE DRAMA (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: THE1001 or THE1001
This course addresses the nature and growth of ecotourism as a specialist segment of the tourism industry. The course is designed to focus on sustainable, which is one of the core criteria that identify ecotourism, and policies and practices to ensure sustainability. It also examines the other core criteria - the range of natural environments in which ecotourism operates, and interpretation (or envi ronmental education) and its role in ecotourism and visitor management. 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 cultivating 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 then complete a research paper on the course.

TOU2009 CULTURAL TOURISM (FBELA - UGRD)
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TOU2006 PRE-RENAISSANCE DRAMA (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: THE1001 or THE1001
This course provides students with the opportunity to study the theoretical and practical concepts of the travel industry. This version produced 8 Dec 2016.

TOU2009 CULTURAL TOURISM (FBELA - UGRD)
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TOU2006 PRE-RENAISSANCE DRAMA (FBELA - UGRD)
Units 1.0 (Drama and Theatre Studies) Band 1
Pre-requisite: THE1001 or THE1001
This course provides students with the opportunity to study the theoretical and practical concepts of the travel industry. This version produced 8 Dec 2016.

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TOU3010 EVENT MANAGEMENT (FBELA - UGRD)

Units 1.0 (Urban Design and Regional Plan) Band 2

The course focuses on the underlying concepts of physics covering such areas as measurement, motion, matter, electricity and magnetism. 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 provide an understanding of the fundamental components of physics with simple experiments at home and multimedia materials enhancing the learning process. Students are encouraged to attempt to increase student problem solving in the subject area.

TPP1710 ORIENTATION TO TERTIARY STUDY (OAC - NONA)

Units 2.0 (Written Communication) Band 1

Students are provided with learning experiences that are designed to develop understanding of self-paced learning and the importance of conceptual, technical and process driven research and study skills required for tertiary study. The self-paced structure allows students to work through the material at a pace suitable to their needs. The course is designed to provide an understanding of the fundamental components of physics with simple experiments at home and multimedia materials enhancing the learning process. Students are encouraged to attempt to increase student problem solving in the subject area.

TPP1710 ORIENTATION TO TERTIARY STUDY (OAC - NONA)

Units 2.0 (Written Communication) Band 1

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TPP1720 STUDYING TO SUCCEED (OAC - NONA)

Units 2.0 (Written Communication) Band 1

The course focuses on the underlying concepts of physics covering such areas as measurement, motion, matter, electricity and magnetism. 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 provide an understanding of the fundamental components of physics with simple experiments at home and multimedia materials enhancing the learning process. Students are encouraged to attempt to increase student problem solving in the subject area.

TPP1720 STUDYING TO SUCCEED INTENSIVE (OAC - NONA)

Units 2.0 (Written Communication) Band 2

The course focuses on the underlying concepts of physics covering such areas as measurement, motion, matter, electricity and magnetism. 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 provide an understanding of the fundamental components of physics with simple experiments at home and multimedia materials enhancing the learning process. Students are encouraged to attempt to increase student problem solving in the subject area.

TPP1745 INTRODUCTION TO THE HUMANITIES (OAC - NONA)

Units 1.0 (History) Band 1

The course focuses on the underlying concepts of physics covering such areas as measurement, motion, matter, electricity and magnetism. 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 provide an understanding of the fundamental components of physics with simple experiments at home and multimedia materials enhancing the learning process. Students are encouraged to attempt to increase student problem solving in the subject area.

TPP1755 GENERAL SCIENCE (OAC - NONA)

Units 1.0 (Natural and Physical Sciences) Band 2

The course focuses on the underlying concepts of physics covering such areas as measurement, motion, matter, electricity and magnetism. 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 provide an understanding of the fundamental components of physics with simple experiments at home and multimedia materials enhancing the learning process. Students are encouraged to attempt to increase student problem solving in the subject area.

TPP1760 PREPARATORY PHYSICS (OAC - NONA)

Units 1.0 (Physics) Band 2

The course focuses on the underlying concepts of physics covering such areas as measurement, motion, matter, electricity and magnetism. 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 provide an understanding of the fundamental components of physics with simple experiments at home and multimedia materials enhancing the learning process. Students are encouraged to attempt to increase student problem solving in the subject area.

TPP1780 MATHEMATICS TERTIARY PREPARATION 1 (OAC - NONA)

Units 1.0 (Mathematical Sciences not else) Band 2

The course focuses on the underlying concepts of physics covering such areas as measurement, motion, matter, electricity and magnetism. 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 provide an understanding of the fundamental components of physics with simple experiments at home and multimedia materials enhancing the learning process. Students are encouraged to attempt to increase student problem solving in the subject area.

TPP1782 MATHEMATICS TERTIARY PREPARATION 2 (OAC - NONA)

Units 1.0 (Mathematical Sciences not else) Band 2

The course focuses on the underlying concepts of physics covering such areas as measurement, motion, matter, electricity and magnetism. 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 provide an understanding of the fundamental components of physics with simple experiments at home and multimedia materials enhancing the learning process. Students are encouraged to attempt to increase student problem solving in the subject area.

TPP1783 MATHEMATICS TERTIARY PREPARATION 3 (OAC - NONA)

Units 1.0 (Mathematical Sciences not else) Band 2

The course focuses on the underlying concepts of physics covering such areas as measurement, motion, matter, electricity and magnetism. 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 provide an understanding of the fundamental components of physics with simple experiments at home and multimedia materials enhancing the learning process. Students are encouraged to attempt to increase student problem solving in the subject area.

TPP1790 PREPARATORY MATHEMATICS INTENSIVE (OAC - NONA)

Units 1.0 (Mathematical Sciences not else) Band 2

The course focuses on the underlying concepts of physics covering such areas as measurement, motion, matter, electricity and magnetism. 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 provide an understanding of the fundamental components of physics with simple experiments at home and multimedia materials enhancing the learning process. Students are encouraged to attempt to increase student problem solving in the subject area.

TPP1791 MATHEMATICS TERTIARY PREPARATION PROGRAM LEVEL 1 INTENSIVE (OAC - NONA)

Units 1.0 (Mathematical Sciences not else) Band 2

The course focuses on the underlying concepts of physics covering such areas as measurement, motion, matter, electricity and magnetism. 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 provide an understanding of the fundamental components of physics with simple experiments at home and multimedia materials enhancing the learning process. Students are encouraged to attempt to increase student problem solving in the subject area.

TPP1800 PLANNING STRUCTURES AND STATUTORY PLANNING (FHESC - UGRD)

Units 1.0 (Urban Design and Regional Plan) Band 2

The course covers the content of the student's thesis or exegesis. Engagement in conceptual, technical and process driven research and study skills will enable you to meet the practical challenges of this exciting industry. (Formerly TOU3220).

TPP2001 PLANNING PRACTICE AND TECHNOLOGY (FHESC - UGRD)

Units 1.0 (Urban Design and Regional Plan) Band 2

This course covers the content of the student's thesis or exegesis. Engagement in conceptual, technical and process driven research and study skills will enable you to meet the practical challenges of this exciting industry. (Formerly TOU3220).

URP2001 INTRODUCTION TO URBAN AND REGIONAL PLANNING (FHESC - UGRD)

Units 1.0 (Urban Design and Regional Plan) Band 2

This course covers the content of the student's thesis or exegesis. Engagement in conceptual, technical and process driven research and study skills will enable you to meet the practical challenges of this exciting industry. (Formerly TOU3220).

URP3010 SUSTAINABLE URBAN DESIGN AND URBAN DESIGN AND REGIONAL PLANNING (FHESC - UGRD)

Units 1.0 (Urban Design and Regional Plan) Band 2

This course covers the content of the student's thesis or exegesis. Engagement in conceptual, technical and process driven research and study skills will enable you to meet the practical challenges of this exciting industry. (Formerly TOU3220).

URP4001 MOVEMENT NETWORK PLANNING (FHESC - UGRD)

Units 1.0 (Urban Design and Regional Plan) Band 2

This course covers the content of the student's thesis or exegesis. Engagement in conceptual, technical and process driven research and study skills will enable you to meet the practical challenges of this exciting industry. (Formerly TOU3220).

VIS4000 STUDIO WORKSHOP AND THEORY DEVELOPMENT (FBELA - UGRD)

Units 1.0 (Visual Arts and Crafts) Band 1

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

This course covers the content of the student's thesis or exegesis. Engagement in conceptual, technical and process driven research and study skills will enable you to meet the practical challenges of this exciting industry. (Formerly TOU3220).

This version produced 8 Dec 2016.
For ON-CAMPUS mode, students will undertake WH&S induction offered a combination of studios including printmaking, sculpture, and theory lectures in associated visual arts courses. Students are encouraged to visit relevant galleries and museums, research and attend regular critiques of work in progress. This is the third of a sequence of project courses presenting students with opportunities for specialisation in deep studio practice and related research.

VSA1005 VISUAL ARTS PROJECT 1 (FBELA - UGRD)
Units 1.0 (Visual Arts and Crafts) Band 1

This course will offer a 20th century historical perspective of the visual arts and establish the basic philosophical, artistic and theoretical concepts which have shaped, developed, and produced a variety of artistic outcomes which are seminal within Modernism and Post-Modernism. Students will be also encouraged to appreciate the historical underpinnings which have shaped and directed the practice of visual art production, and explore and compare the various art movements and artists that were central to their period of art.

VSA1001 CONTEMPORARY ART PRACTICE 1 (FBELA - UGRD)
Units 1.0 (Fine Arts) Band 1

This course will offer a 20th century historical perspective of the visual arts and establish the basic philosophical, artistic and theoretical concepts which have shaped, developed, and produced a variety of artistic outcomes which are seminal within Modernism and Post-Modernism. Students will be also encouraged to appreciate the historical underpinnings which have shaped and directed the practice of visual art production, and explore and compare the various art movements and artists that were central to their period of art.

VSA1002 VISUAL ARTS PROJECT 2 (FBELA - UGRD)
Units 1.0 (Visual Arts and Crafts) Band 1

This course will offer a 20th century historical perspective of the visual arts and establish the basic philosophical, artistic and theoretical concepts which have shaped, developed, and produced a variety of artistic outcomes which are seminal within Modernism and Post-Modernism. Students will be also encouraged to appreciate the historical underpinnings which have shaped and directed the practice of visual art production, and explore and compare the various art movements and artists that were central to their period of art.

VSA1003 CONTEMPORARY ART PRACTICE 3 (FBELA - UGRD)
Units 1.0 (Visual Arts and Crafts) Band 1

This course will offer a 20th century historical perspective of the visual arts and establish the basic philosophical, artistic and theoretical concepts which have shaped, developed, and produced a variety of artistic outcomes which are seminal within Modernism and Post-Modernism. Students will be also encouraged to appreciate the historical underpinnings which have shaped and directed the practice of visual art production, and explore and compare the various art movements and artists that were central to their period of art.

VSA1004 CONTEMPORARY ART PRACTICE 4 (FBELA - UGRD)
Units 1.0 (Fine Arts) Band 1

This course will offer a 20th century historical perspective of the visual arts and establish the basic philosophical, artistic and theoretical concepts which have shaped, developed, and produced a variety of artistic outcomes which are seminal within Modernism and Post-Modernism. Students will be also encouraged to appreciate the historical underpinnings which have shaped and directed the practice of visual art production, and explore and compare the various art movements and artists that were central to their period of art.

VSA1002 CONTEMPORARY ART PRACTICE 2 (FBELA - UGRD)
Units 1.0 (Fine Arts) Band 1

This course will offer a 20th century historical perspective of the visual arts and establish the basic philosophical, artistic and theoretical concepts which have shaped, developed, and produced a variety of artistic outcomes which are seminal within Modernism and Post-Modernism. Students will be also encouraged to appreciate the historical underpinnings which have shaped and directed the practice of visual art production, and explore and compare the various art movements and artists that were central to their period of art.

VSA1001 CONTEMPORARY ART PRACTICE 1 (FBELA - UGRD)
Units 1.0 (Fine Arts) Band 1

This course will offer a 20th century historical perspective of the visual arts and establish the basic philosophical, artistic and theoretical concepts which have shaped, developed, and produced a variety of artistic outcomes which are seminal within Modernism and Post-Modernism. Students will be also encouraged to appreciate the historical underpinnings which have shaped and directed the practice of visual art production, and explore and compare the various art movements and artists that were central to their period of art.

Units 1.0 (Visual Arts and Craft) Band 1
Pre-requisite: Students must be enrolled in the following Program: MARA

This course is concerned with developing students' knowledge and ability to interpret and present ideas related to individual artists and art groups and the multidisciplinary roles these practitioners continue to produce within both 20th century historical and 21st century debates. Students will develop an ability to critically look at and develop an understanding of various artist conceptual intentions which continue to influence the decisions they make and the process they use within the visual arts industry.

VSA2001 ARTISTS, WORKS AND PROCESSES (FBELA - UGRD)
Units 1.0 (Fine Arts) Band 1

This course is concerned with developing students' knowledge and ability to interpret and present ideas related to individual artists and art groups and the multidisciplinary roles these practitioners continue to produce within both 20th century historical and 21st century debates. Students will develop an ability to critically look at and develop an understanding of various artist conceptual intentions which continue to influence the decisions they make and the process they use within the visual arts industry.

VSA2002 ARTISTS, WORKS AND PROCESSES (FBELA - UGRD)
Units 1.0 (Fine Arts) Band 1

This course is concerned with developing students' knowledge and ability to interpret and present ideas related to individual artists and art groups and the multidisciplinary roles these practitioners continue to produce within both 20th century historical and 21st century debates. Students will develop an ability to critically look at and develop an understanding of various artist conceptual intentions which continue to influence the decisions they make and the process they use within the visual arts industry.

VSA2003 ARTISTS, WORKS AND PROCESSES (FBELA - UGRD)
Units 1.0 (Fine Arts) Band 1

This course is concerned with developing students' knowledge and ability to interpret and present ideas related to individual artists and art groups and the multidisciplinary roles these practitioners continue to produce within both 20th century historical and 21st century debates. Students will develop an ability to critically look at and develop an understanding of various artist conceptual intentions which continue to influence the decisions they make and the process they use within the visual arts industry.

VSA2004 ARTISTS, WORKS AND PROCESSES (FBELA - UGRD)
Units 1.0 (Fine Arts) Band 1

This course is concerned with developing students' knowledge and ability to interpret and present ideas related to individual artists and art groups and the multidisciplinary roles these practitioners continue to produce within both 20th century historical and 21st century debates. Students will develop an ability to critically look at and develop an understanding of various artist conceptual intentions which continue to influence the decisions they make and the process they use within the visual arts industry.

Consult the Handbook on the Web at http://www.usq.edu.au/handbook/current for any updates that may occur during the year.
VSA3002 GALLERY STUDIES 3 (FBELA - UGRD)
Units: 1.0 (Visual Arts and Crafts) Band 1
Pre-requisites: VSA2006 and VSA2007
This course in students will explore the role of the professional curator; this will include practical, conceptual and cultural issues that are inherent to the role. Students will undertake research that will develop an advanced understanding of various gallery and museum curatorial practices. Within this course students will be able to undertake an internship with a recognised gallery or museum space (in accordance with the general requirements of the School of Art and Design). Students will be encouraged to visit relevant art gallery and museum spaces and attend presentations by professionals as a way of understanding the various approaches to professional curatorial practices.

VSA3003 GALLERY STUDIES 4 (FBELA - UGRD)
Units: 1.0 (Visual Arts and Crafts) Band 1
Pre-requisites: VSA2006 and VSA2007
In Gallery Studies 4 students will explore the role of a self-directed or independent curator; this will include the strategies and techniques involved in professional practice, as well as the conceptual, cultural and community aspects of these professional outcomes. Students will be expected to develop an understanding of the ways in which curatorial practice is understood, and to be able to think critically about the role of the curator in contemporary society.

VSA3004 CONTEMPORARY ART PRACTICE 4 (FBELA - UGRD)
Units: 1.0 (Fine-Arts) Band 1
Pre-requisites: VSA2002 and VSA2003
This course builds on Contemporary Art Practice 3 and 4 courses by addressing studio research within a contemporary art context at an advanced level. In particular, the course focuses on students being competent in identifying, analyzing and applying research methodologies in their work and in understanding the nature of professional practice as well as the conceptual, cultural and community aspects of these professional outcomes. Students will be expected to develop an understanding of the ways in which studio research is undertaken, and to be able to think critically about the role of the professional in contemporary society.

VSA3005 CONTEMPORARY ART PRACTICE 5 (FBELA - UGRD)
Units: 1.0 (Fine-Arts) Band 1
Pre-requisites: VSA2003 and VSA2004
This course builds on Contemporary Art Practice 4 by critically exploring modern and contemporary art methodologies in relation to students' own art/ theory work. Most importantly, students are asked to critically reflect on their own art/ theory work and demonstrate an informed application of these skills within their own studio theory focus. Students will also be expected to develop and justify their selection of research methods in relation to their theoretical/theoretical within an academic framework as well as professional industry framework. Therefore, this course strongly adheres to students active research participation and a professional visual art platform.

VSA3021 CONTEMPORARY ART THEORY 3 (FBELA - UGRD)
Units: 1.0 (Fine-Arts) Band 1
Pre-requisites: VSA1000 and VSA1003 and VSA2000 and VSA2001
The conceptual frameworks introduced by this course will enable the student to think about their own practical work, and the broader social context of art and design. Throughout the course students will develop their critical tools that will enable them to reflect upon and research an art/theory at an advanced level.

VSA3022 CONTEMPORARY ART THEORY 2 (FBELA - UGRD)
Units: 1.0 (Fine-Arts) Band 1
Pre-requisites: VSA1000 and VSA1003 and VSA2000 and VSA2001
The theoretical context for understanding contemporary art developed in VSA3022 will be developed in relation to students' own art theory work. The aim of this course is to broaden and deepen the students' grasp of the conceptual and contemporary art theory as well as to develop their ability to identify key points of contact between their own art practice, art practice in general, and the broader art institutional and cultural context in which it is produced. Students will be encouraged to visit relevant art gallery and museums and attend presentations by professionals as a way of understanding the various approaches to professional curatorial practices.

VSA3001 WORKPLACE-BASED LEARNING PLAN (FBELA - PGRD)
Units: 1.0 (Education not elsewhere classified) Band 5
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 outlines the student's employment and work experience and their personal career development plans. The student will be coached by their supervisor or advisor to assist the student to effectively write an appropriate and useful document that will be used by the employer to review the student's performance and progress. The student will be expected to present their Learning Plan to their employer, to arrange an employment placement and to monitor and evaluate their progress.

WLB3001 WINE PRODUCTION (FHESC - UGRD)
Units: 1.0 (Food Science and Biotechnology) Band 2
Pre-requisites: Pre-requisites: VSA2006 and VSA2007
This course provides students with an in depth understanding of the various chemical and physical processes involved in the production of wine. The course focuses on the production of wine from grapes, and includes the study of the factors affecting the production of wine, the chemical composition of grapes and wine, and the importance of chemical and physical processes in the production of high quality wine.

WLB3020 WINE PRODUCTION (FHESC - UGRD)
Units: 1.0 (Food Science and Biotechnology) Band 2
Pre-requisites: Pre-requisites: VSA2006 and VSA2007
This course provides students with an in depth understanding of the various chemical and physical processes involved in the production of wine. The course focuses on the production of wine from grapes, and includes the study of the factors affecting the production of wine, the chemical composition of grapes and wine, and the importance of chemical and physical processes in the production of high quality wine.
WRP0800 FUNDAMENTALS OF PROFESSIONAL STUDIES (FBELA - PGRD)

Units 2.0 (Education not elsewhere class) Band 1

The student will work and study at the same time as determined by a pre-agreed and assessed workplace project proposal that articulates the expected personal, professional, academic and organisational contributions that should be achieved within the project. The student will meet the requisite critical, creative, analytical and communications skills associated with the Masters level qualification.

Pre-requisite: Students must have passed WRP0901 and Students must be enrolled in the Doctor of Professional Studies program (DFP).

WRP0901 WORK-BASED RESEARCH PROJECT D (FBELA - PGRD)

Units 2.0 (Education not elsewhere class) Band 1

This course ensures that students enrolled in the Doctor of Professional Studies program meet the capacity that will enable them to design and implement research or practice-based programs that will enable them to cope effectively as a professional practitioner. The candidate will combine work and study, by investigating, analyzing, assessing and developing possible research methodologies associated with the Masters level qualification. The course will meet the requisite critical, creative, analytical and communications skills associated with the Masters level qualification.

Pre-requisite: Students must have passed WRP0901 and Students must be enrolled in the Doctor of Professional Studies program (DFP).

WRP0902 WORK-BASED RESEARCH PROJECT B (FBELA - PGRD)

Units 2.0 (Education not elsewhere class) Band 1

The student will work and study at the same time as determined by a pre-agreed and assessed workplace project proposal that articulates the expected personal, professional, academic and organisational contributions that should be achieved within the project. The student will meet the requisite critical, creative, analytical and communications skills associated with the Masters level qualification.

Pre-requisite: Students must have passed WRP0901 and Students must be enrolled in the Doctor of Professional Studies program (DFP).

This course ensures that students enrolled in the Doctor of Professional Studies program meet the capacity that will enable them to design and implement research or practice-based programs that will enable them to cope effectively as a professional practitioner. The candidate will combine work and study, by investigating, analyzing, assessing and developing possible research methodologies associated with the Masters level qualification. The course will meet the requisite critical, creative, analytical and communications skills associated with the Masters level qualification.

Pre-requisite: Students must have passed WRP0901 and Students must be enrolled in the Doctor of Professional Studies program (DFP).

WRP0903 WORK-BASED RESEARCH PROJECT A (FBELA - PGRD)

Units 2.0 (Education not elsewhere class) Band 1

This course ensures that students enrolled in the Doctor of Professional Studies program meet the capacity that will enable them to design and implement research or practice-based programs that will enable them to cope effectively as a professional practitioner. The candidate will combine work and study, by investigating, analyzing, assessing and developing possible research methodologies associated with the Masters level qualification. The course will meet the requisite critical, creative, analytical and communications skills associated with the Masters level qualification.

Pre-requisite: Students must have passed WRP0901 and Students must be enrolled in the Doctor of Professional Studies program (DFP).

The student will work and study at the same time as determined by a pre-agreed and assessed workplace project proposal that articulates the expected personal, professional, academic and organisational contributions that should be achieved within the project. The student will meet the requisite critical, creative, analytical and communications skills associated with the Masters level qualification.

Pre-requisite: Students must have passed WRP0901 and Students must be enrolled in the Doctor of Professional Studies program (DFP).

WRP0012 WORK-BASED RESEARCH PROJECT C (FBELA - PGRD)

Units 2.0 (Education not elsewhere class) Band 1

This course ensures that students enrolled in the Doctor of Professional Studies program meet the capacity that will enable them to design and implement research or practice-based programs that will enable them to cope effectively as a professional practitioner. The candidate will combine work and study, by investigating, analyzing, assessing and developing possible research methodologies associated with the Masters level qualification. The course will meet the requisite critical, creative, analytical and communications skills associated with the Masters level qualification.

Pre-requisite: Students must have passed WRP0901 and Students must be enrolled in the Doctor of Professional Studies program (DFP).

WRP0013 WORK-BASED RESEARCH PROJECT B (FBELA - PGRD)

Units 2.0 (Education not elsewhere class) Band 1

This course ensures that students enrolled in the Doctor of Professional Studies program meet the capacity that will enable them to design and implement research or practice-based programs that will enable them to cope effectively as a professional practitioner. The candidate will combine work and study, by investigating, analyzing, assessing and developing possible research methodologies associated with the Masters level qualification. The course will meet the requisite critical, creative, analytical and communications skills associated with the Masters level qualification.

Pre-requisite: Students must have passed WRP0901 and Students must be enrolled in the Doctor of Professional Studies program (DFP).

WRP0014 WORK-BASED RESEARCH PROJECT A (FBELA - PGRD)

Units 2.0 (Education not elsewhere class) Band 1

This course ensures that students enrolled in the Doctor of Professional Studies program meet the capacity that will enable them to design and implement research or practice-based programs that will enable them to cope effectively as a professional practitioner. The candidate will combine work and study, by investigating, analyzing, assessing and developing possible research methodologies associated with the Masters level qualification. The course will meet the requisite critical, creative, analytical and communications skills associated with the Masters level qualification.

Pre-requisite: Students must have passed WRP0901 and Students must be enrolled in the Doctor of Professional Studies program (DFP).
Consult the Handbook on the Web at http://www.usq.edu.au/handbook/current for any updates that may occur during the year.