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Course synopses



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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.

ACC1201 DATA INSIGHTS AND FINANCIAL PERFORMANCE (FBELA - UGRD)

Semester 1 (ONL)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld
Semester 2 (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld
Units 1 (Accounting) Band 7
Enrolment is not permitted in ACC1201 if ACC1101 has been previously completed.

This course focuses on building financial literacy and entrepreneurial skills and knowledge that will enable students to make informed financial decisions both individually and within a business context. Students will gain an understanding of how to use financial data and information to enhance performance through planning, managing, analysing, and reporting results. The course will support students to encourage innovation, understand risk and promote sustainability in all aspects of personal financial management and business operation. Students will be provided with an opportunity to understand the importance of networking by engaging with role models from business to identify and solve contemporary business issues through case scenarios. Through these scenarios, students will become aware that the businesses of the future will operate in ever changing environments where short and long term rewards will flow from responsible financial management and value creation.

ACC1202 ACCOUNTING SYSTEMS AND PROCESSES (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Accounting) Band 7
Enrolment is not permitted in ACC1202 if ACC1105 has been previously completed.

This course introduces you to the world of accounting. It has been designed to provide a solid foundation for further study in the accounting discipline; the course provides a logical introduction to the accounting environment and the common financial accounting (external) reports and management accounting (internal) tools used for decision-making purposes. This course uses real-world examples and a case study to develop practical, professional skills.

ACC2201 FINANCIAL REPORTING AND ANALYSIS A (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Springfld (ONL)Toowoomba (ONC)Springfld
Semester 2 (ONL)Toowoomba
Units 1 (Accounting) Band 7
Pre-requisite: ACC1202 or ACC1105 Enrolment is not permitted in ACC2201 if ACC2102 has been previously completed.

In this course, you will study various sources of authority as they relate to recording transactions and events and the preparation of financial statements and business reports. You will investigate several specific accounting standards such as the International Financial Reporting Standards (IFRSs). You will prepare and analyse financial statements for reporting entities (statement of financial position, statement of profit and loss and other comprehensive income, statement of changes in equity, statement of cash flows), record journal entries for complex business transactions and events and complete a business report. The course will contribute to the development of the essential professional accounting skills such as teamwork.

ACC2204 AUDIT AND ASSURANCE (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (Accounting) Band 7
Pre-requisite: ACC2201 Enrolment is not permitted in ACC2204 if ACC3118 has been previously completed.

This course introduces the concepts and practices of company financial report audits within the assurance framework. It deals primarily with the process by which the external company auditor appraises and reports on the truth and fairness of the company's financial statements. The course is oriented towards the auditing profession and, in keeping with current practice, adopts a risk-based audit approach and follows the Australian Auditing Standards that are based on the International Standards on Auditing. The course explores how financial statement audits are conducted. Some practical exposure to auditing is provided through requiring you to complete a case study, using teamwork, as part of the assessment for the course.

ACC2205 MANAGEMENT ACCOUNTING A (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Accounting) Band 7
Pre-requisite: ACC1202 Enrolment is not permitted in ACC2205 if ACC2113 has been previously completed.

The operational management accounting tools and themes addressed in this course are used in businesses. The course focuses on providing you with introductory and developing levels for their competencies, skills, and knowledge in the practical application and interpretation of management accounting techniques. You may use this opportunity to understand how these tools support the business practice of planning, control, and decision making to be well-informed individuals and critical thinkers for decision making to help develop your employability as a business graduate with an accounting major.

ACC3116 ACCOUNTING AND SOCIETY (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Springfld
Semester 2 (ONL)Toowoomba
Units 1 (Accounting) Band 7
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 overlay theory concepts and a framework to accounting practice from a critical perspective so students see the relevance of theory to practice. This includes an investigation of the popular theories and evidence with 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 are expected to bring together all their learned knowledge of accounting from prior courses and take a critical look at theory and practice of accounting.

ACC3201 FINANCIAL REPORTING AND ANALYSIS B (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Accounting) Band 7
Pre-requisite: ACC2201 Enrolment is not permitted in ACC3201 if ACC2115 has been previously completed.

This course is designed to enable you to extend your basic company accounting skills gained in Financial Reporting and Analysis A. We will extend your practical skills by focusing on more complex measurement requirements (e.g., foreign currency transactions), recording journal entries for more complex transactions and events (e.g., business acquisitions), and preparing financial statements for complex business structures (e.g., preparing consolidated financial for a simple corporate group). A major focus of the course is on the development of critical thinking skills and how professional judgement is exercised. You will critically apply theoretical and technical accounting knowledge and skills (e.g., interpret and apply the requirements of accounting standards) to provide possible solutions to routine business issues (e.g., simple case studies), which you will justify and communicate to specialists (e.g., an accounting professional) and non-specialists (e.g., a client, such as a business owner or manager).

ACC3206 MANAGEMENT ACCOUNTING B (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (Accounting) Band 7
Pre-requisite: ACC2205 Enrolment is not permitted in ACC3206 if ACC3114 has been previously completed.

This course is designed to provide you with the general knowledge that covers the components of the advanced strategic and environmental management accounting tools and techniques of value chain analysis and associated strategic techniques needed for business sustainability. The course focuses on providing you with an introductory, developing, and advanced levels for their competencies, skills, and knowledge in the practical application and interpretation of management accounting techniques. You may use this opportunity to develop an understanding of how these modern tools support the evaluation of business practice, capacity identification, planning, control, and decision making in the performance of an organisation. You may also use its products, people, and business segments using financial and non-financial KPIs to be well-informed individuals and critical thinkers for decision making to help develop your employability as a business graduate with an accounting major. This course contains 'online' Forum discussion, which provides formative learning outcomes opportunities through effective communication and collaboration and summative assessment and peer learning.

ACC3207 ACCOUNTING SYSTEMS AND CRITICAL PERSPECTIVES (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (Accounting) Band 7
Pre-requisite: ACC1202 and ACC2205 Enrolment is not permitted in ACC3207 if ACC3210 and ACC3300 have been previously completed.

This course extends your knowledge of accounting systems, governance and theories to provide you with tools to critically evaluate accounting practices. At the conclusion of this course, you will be equipped to describe and evaluate the use of ICT in organisations and governance systems. You will have advanced knowledge of ethics to identify and appraise ethical situations. Your knowledge of accounting theories will further enhance your ability to enable advanced critical evaluation of accounting practices. The main teaching approach will be problem-based learning within a community of inquiry. Industry engagement will be used to enhance your learning.

ACS0001 ADVANCED COMMUNICATION SKILLS ONE (USQCO - NONA)

Units 2 (English Language) Band 1

In this course, activities in English have been organised from an integrated communicative language teaching approach for academic reading, writing, listening, and speaking processes, purposes, attitudes, and strategies. Students' command of the English language should develop to a degree that supports an emerging expression of 'voice' and enables students to begin to manage the comprehension, construction and delivery of a range of familiar and some non-familiar academic texts for routine purposes and audiences. Communicative English language activities are designed to develop students' capacity to integrate academic reading, writing, speaking, and listening skills reliably with some confidence. Special focus is given to developing the precision and efficiency of a students' English language skills to an intermediate level through emphasis on enabling skills such as grammar, oral fluency, pronunciation, spelling, vocabulary, coherence and cohesion, and test taking strategies.

ACS0002 ADVANCED COMMUNICATION SKILLS TWO (USQCO - NONA)

Units 2 (English Language) Band 1

In this course, activities in English have been organised from an integrated communicative language teaching approach for the development of more independent academic reading, writing, listening, and speaking processes, purposes, attitudes, and strategies. Students should develop command of the English language to support a more confident expression of 'voice' and to manage the comprehension, construction and delivery of a wide range of texts on concrete and abstract academic topics for technical purposes and academic audiences in his/her field of specialisation. Communicative English language activities are designed to develop students' capacity to integrate academic reading, writing, speaking, and listening skills more confidently and communicate meaning in spoken and written interactions with detailed and reasoned clarity. Special focus is given to developing the precision and efficiency of a students' English language skills to an upper intermediate level through emphasis on enabling skills such as grammar, oral fluency, pronunciation, spelling, vocabulary, coherence and cohesion, and test taking strategies.

ACS0003 ADVANCED COMMUNICATION SKILLS THREE (USQCO - NONA)

Units 2 (English Language) Band 1

In this course, activities in English have been organised from an integrated communicative language teaching approach for the development of advanced academic reading, writing, listening, and speaking processes, purposes, attitudes, and strategies. Students should develop a comfortable and flexible command of the English language to support professional and confident expression of 'voice' and to manage the comprehension, construction and delivery of a very wide range of texts and academic topics for both technical, academic, and social purposes in his/her field of specialisation. Communicative English language activities are designed to develop students' capacity to integrate academic reading, writing, speaking, and listening skills with confidence and communicate meaning in spoken and written interactions with control. Special focus is given to developing the precision and efficiency of a students' English language skills to an advanced level through emphasis on enabling skills such as grammar, oral fluency, pronunciation, spelling, vocabulary, coherence and cohesion, and test taking strategies.

ADV1001 INTRODUCTION TO ADVERTISING (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Communication and Media Studies) Band 1B

This course is a foundation course in the Advertising major. It introduces students to a broad range of theories associated with advertising and invites them to engage with advertising and its roles through analysis.

ADV1002 ADVERTISING AS ENGAGEMENT (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Communication and Media Studie) Band 1B

Students in this course examine differing ways to achieve engagement with target markets. They analyse advertising in the form of engagement resulting in earned media, including mass media and social media platforms. Students are encouraged to think laterally and innovatively about the mechanisms of advertising, which may include creating events, experiences or communicative actions which activate target markets and build relationships with the brand or cause. Social network sharing, blogging and user-created content will be theorised as the increasingly active role of consumers in co-creating advertising outcomes.

ADV2000 ADVERTISING, REGULATION AND ETHICS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B

This course is a second-level course in the Advertising major. It introduces students to important concepts for the profession of advertising. Students will engage with concepts relating to the ethical practice and cultural appropriateness of advertising, and discuss the implications of advertising from a personal, social, political and corporate perspective. Different modes of regulation of advertising will be discussed including self-regulation, industry-regulation, and external-regulation.

ADV2001 ADVERTISING AS COMMUNICATION (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B
Pre-requisite or Co-requisite: ADV1001

This course surveys a range of advertising forms in different media, including audio, visual and narrative video in traditional and digital platforms. Students will develop literacy in these advertising forms through detailed analysis and discussion of advertisements. This course will inform students' future creative practice in advertising communication by developing understanding of the ways in which meaning is conveyed.

ADV2002 ADVERTISING: COPYWRITING AND CONCEPT DESIGN (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B

In this course students apply what they have learnt in previous courses to their own practice as they develop skills and knowledge in writing advertising copy and developing advertising conceptual designs to an industry standard.

ADV2004 ADVERTISING INDUSTRY PERSPECTIVES (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B

This course examines advertising as an industry and explores the relationships between advertising, consumer culture, brands, and meanings. This course also seeks to further students' engagement with industry, and to further develop their own professional identities. Industry connections, networking and professional profile will be highlighted to aid in job-readiness. Where possible, industry professionals will be invited to network with students and provide mentoring, insights, and perspective.

ADV3000 ADVERTISING CAMPAIGN PLANNING AND MANAGEMENT (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Communication and Media Studie) Band 1B

Students will develop their understanding of addressing key audiences, managing campaign budgets, and structuring campaigns for timeliness and efficacy. Through engagements with theory and case studies, students will develop their own campaign strategies and be invited to critically reflect upon them. Students will plan their own campaign which may be for a corporation, government agency or not-for-profit organisation.

AEP1111 TRANSITIONING TO UNIVERSITY (USQCO - UGRD)

Units 1 (Learning Skills Programmes) Band 7

Students will progress through a course which requires them to explore and respond to aspects of the university community relevant to their role as new students. They will investigate issues relevant to the context of higher education, engage in career development and planning and undertake tasks related to self-management, including goal setting, time management and planning. Learning in this course will focus on participation in practical, authentic activities relevant to

AEP1112 APPLIED ACADEMIC LITERACIES (USQCO - UGRD)

Units 1 (Written Communication) Band 1B

Students will engage in a research project which utilises peer feedback in a collaborative forum. Through the investigation of a current social issue, they will develop and practice using the academic literacies required to locate, interpret, analyse and critically evaluate a wide range of information. Students will have the opportunity to work both independently and collaboratively to produce a range of texts suitable for a tertiary environment.

AGR1101 ANIMAL HEALTH, WELFARE AND BEHAVIOUR (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (Animal Husbandry) Band 1

This course examines key aspects of livestock health, welfare & behaviour in light of their impacts on productivity, product quality, farm safety and animal ethics. Historical and current approaches to animal welfare are evaluated. The impacts of farming environments on animal stress are considered. The diagnosis and control of diseases in live stock and wild animals are explored in detail. This course contains a highly recommended residential school for both external and on-campus students (non-attendance will mean the student misses an element of assessment preparation). To participate in the residential school students will need to have immunity to or have been vaccinated against Q fever (A zoonotic disease).

AGR1104 FARM SAFETY AND OPERATIONS 1 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba
Units 0.5 (Agricultural Science) Band 1

In this course, students will be assessed against a range of competencies related to safe and effective operations within agricultural production environments including the safe operation and maintenance of agricultural machinery, the safe use of farm chemicals and working safely at heights for the installation of communications technology to support the use of connected agricultural technology. A combination of theoretical concepts and hands on training will be provided to develop these workplace competencies. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students.

AGR1109 PROFESSIONALISM IN AGRICULTURE (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 0.5 (Agricultural Science) Band 1

Students will be provided with opportunities to explore the Agricultural Technology industry in Australia and commence the journey of building their own professional identity within the industry. Students will develop key skills in information literacy, ethical investigations, professionalism, communication and cultural and Indigenous awareness to provide a foundation for success in the program. Students will also commence the development of their e-portfolio which will be used to record and communicate competencies, knowledge and experiences gained throughout the program.

AGR2008 BUSINESS PRINCIPLES FOR AGRICULTURE (FHESC - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Farm Management and Agribusiness) Band 7

This course provides students with knowledge of finance, economics and business management principles that relate to agricultural markets and associated decision-making mechanisms. Initially the course focuses on the concepts of markets, including market structures, competitive markets and the market for agricultural products. Students will then learn about value chains and develop essential business skills required to understand the cost of production and profit maximisation strategies. Finally, techniques to construct and appraise capital budgeting for strategic investment decision-making under risk and uncertainty, and an overview of climate smart agriculture are investigated, all of which will be illustrated by real-world examples, issues and case studies.

AGR2104 FARM SAFETY AND OPERATIONS 2 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba
Semester 2 (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 0.5 (Agricultural Science) Band 1

In this course, students will be assessed against a range of competencies related to safe and effective operations within agricultural production environments including the safe operation of quad bikes and side by sides, safe and appropriate handling of animals and use of multi-rotor remote pilot aircraft systems. A combination of theoretical concepts and hands on training will be provided to develop these workplace competencies. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students. The mandatory activities in this course requires students to work with animals and in outdoor environments. For their protection, students must be immunised for, and be able to provide proof of vaccination or immunity, for Tetanus and Q-Fever.

AGR2109 PRACTICAL INVESTIGATIONS IN AGRICULTURAL TECHNOLOGY (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba
Units 1 (Agricultural Science) Band 1
Pre-requisite or Co-requisite: AGR1104 and AGR2104

This course covers a range of practical activities in the area of agricultural technology. Students will install and operate agricultural technologies as part of a team in the farm environment and/or remotely via internet access. Students will then analyse output and present the subsequent results, gaining practice in extracting knowledge from data and communicating these results. The course provides an opportunity to put into practice developing skills in the use of spatial data management and analysis and instrumentation. Practical activities will be undertaken as a team requiring students to work collaboratively to establish and maintain a functioning team and plan team activities. Students will also be required to commence planning for future industry placements including identifying suitable host enterprises and projects aligned with their career goals and aspirations. Students that are already in employment may define a project in consultation with their employer, however, the work placement should be unrelated to their usual workplace activities and focus on graduate roles and opportunities. This course includes a mandatory residential school for external students and mandatory attendance at practical sessions for on-campus students. This course is delivered across two semesters. Students enrolling in a full-time load should check the recommended enrolment pattern in the Handbook to ensure this course is paired with other 0.5-unit courses including AGR1104/AGR2104 or AGR2209 as appropriate.

AGR2201 ANIMAL PRODUCTION SYSTEMS (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Animal Husbandry) Band 1

The course examines and critically evaluates the production systems used for extensive and intensive animal production to produce milk, meat and fibre. Extensive grazing, intensive grazing, dairy, feedlot and housed systems will be covered. Through lectures, tutorials and site visits, students will examine and evaluate these production systems from their production, sustainability, food safety and quality and animal welfare perspectives. This course contains a highly recommended residential school for both external and on-campus students (non-attendance will mean the student misses an element of assessment preparation). To participate in the residential school students will need to have immunity to or have been vaccinated against Q fever (A zoonotic disease).

AGR2202 INSTRUMENTATION AND AUTOMATION IN AGRICULTURE (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (EnginTech not classified) Band 2

This course provides students with a practical introduction to the use of instrumentation and automation in agricultural production systems. Students will develop skills in selecting and using a range of digital technologies including sensing, processing and network technologies to address specific real-world agricultural production challenges. Students will participate in a range of individual and team practical activities to develop confidence and competence in the use of instrumentation. This course contains a mandatory residential school for external students and on-campus students.

AGR2203 ANIMAL NUTRITION (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Animal Husbandry) Band 1
Pre-requisite: BIO2103

In this course students will learn about the main aspects of production animal nutrition. This will include the composition of animal feed, animal growth in response to different food sources and the process of digestion (including mechanical and chemical digestion, absorption and the metabolism of macro and micronutrients). The implications of common nutritional disorders will also be covered. Students will be provided with an overview of the current nutritional approaches to improving productivity and animal health in the cattle, sheep, pig and poultry industries. This course contains a highly recommended residential school for both external and on-campus students (non-attendance will mean the student misses an element of assessment preparation). To participate in the residential school students will need to have immunity to or have been vaccinated against Q fever (A zoonotic disease).

AGR2209 INNOVATION AND ENTREPRENEURSHIP IN AGRICULTURE (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 0.5 (Agricultural Science) Band 1
Pre-requisite or Co-requisite: AGR2008

This course introduces students to the concept of entrepreneurship and the commercialization of new agricultural technology and related career options. Students completing this course will understand entrepreneurial roles and possibilities, begin developing required skills required of successful entrepreneurs and will develop a sense of their own aptitude for entrepreneurial endeavours. Students work in teams to develop and present a proposal for a new agricultural technology product or service. This occurs through various hands-on activities including identifying possible opportunities, potential customers, creating sales forecasts, developing a marketing strategy, and developing a pitch for an investor. Being an entrepreneur often requires getting out of one's comfort zone. This course offers students this experience through a set of structured experiences, while equipping them with professional skills that are highly valued in the agricultural technology industry. Students will be required to work in teams and will need to synchronously attend mandatory project team and industry sessions, either online or in-person.

AGR2301 AGRICULTURAL SCIENCE (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Agricultural Science) Band 1

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

AGR2302 AGRICULTURAL MACHINERY (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (EnginTech not classified) Band 2

This course examines the functional requirements of the major groups of machinery and investigates the engineering principles and subsystems which underlie their operation. It develops the knowledge and skills necessary to analyse and predict machine performance, and to advise and assist farmers in the choice and efficient operation of a wide range of machinery. It also includes discussions of alternative energy resources and uses in agriculture as well as recent applications and industry developments in automation and precision agriculture. Tractor performance and testing are investigated. Tillage, planting, spraying and harvesting machinery are described and analysed. The thermodynamics of grain drying and controlled environments are also investigated. The course uses real world data sets from both field and lab work to show how the theory is related to practice.

AGR2303 AGRONOMY (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Agricultural Science) Band 1

This course outlines the characteristics and growing approaches of the main plant species used in Australian farming systems. The characteristics of field crops, pasture plants and horticultural species are outlined. Land preparation, planting approaches, fertiliser use and irrigation systems are also detailed. The major biological threats to crop health are discussed including weeds, microbial diseases and insect and vertebrate pests. The impacts of cropping on environmental health are explored.

AGR2304 PLANT BREEDING (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (EXT)Toowoomba (EXT)Toowoomba
(ONC)Toowoomba
Units 1 (Agricultural Science) Band 1
Pre-requisite: BIO1101

The course allows student to develop skills in both the theoretical and practical aspects of plant breeding. The course commences with a review of the historical importance of plant breeding. This is followed by a review of conventional strategies for plant breeding and the application of recent advances in plant biotechnology to enhance the efficiency of selection with major breeding programs. The course concludes with a review of plant genetic engineering and its major applications to date. Practical work in the course, via a residential workshop, includes a study of plant breeding strategies, the isolation of plant DNA and generation of molecular markers. This is followed by a series of visits to local plant breeding field stations. During the course, the history and evolution of several major crops is followed to demonstrate the practical application of many theoretical concepts in plant breeding. This course contains a highly recommended residential school for both external and on-campus students.

AGR2902 FIELD PRACTICE (FHESC - UGRD)

Semester 3 (EXT)Toowoomba (EXT)Toowoomba
Units 0 (Environmental Studies not else) Band 2

Agricultural and Environmental Engineers require a practical understanding of the operation of rural industries and the environmental constraints and impacts associated with the industries. This residential school will provide students with an introduction to natural resource and production management issues faced by a variety of rural enterprises. This will involve actively visiting industry and commercial sites on a four day field trip during which time students will not be on campus (accommodation on route). In particular, commercial examples will be presented to highlight the physical, economic and social constraints to rural industry development, environmental issues associated with the industry development, the processes of land degradation, and the principles of property management planning and sustainable land management. This course contains a mandatory residential school.

AGR3202 ANIMAL REPRODUCTION (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Animal Husbandry) Band 1
Pre-requisite: AGR1101 and BIO2103

This course examines animal breeding; covering topics such as reproductive anatomy and physiology, reproductive disorders, artificial insemination/breeding, embryo transfers and breeding program development as they pertain to animal agriculture. Emerging technologies in animal breeding are also examined. This course contains a highly recommended residential school for both external and on-campus students (non-attendance will mean the student misses an element of assessment preparation). To participate in the residential school students will need to have immunity to or have been vaccinated against Q fever (A zoonotic disease).

AGR3302 SENSORS AND TECHNOLOGY IN ANIMAL PRODUCTION (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba
Units 1 (Animal Husbandry) Band 1

This course will introduce students to the foundations of technological innovation in animal production systems before critically reviewing the role that direct and indirect animal and environmental sensing can play across all aspects of management of animal production systems. It will then develop in the students the skills and techniques to convert sensor data to actionable decisions. While there are no prerequisites for this course students will be expected to have an advanced understanding of animal production systems either through prior study or industry experience. Students not possessing this knowledge cannot expect to succeed in this course. This course contains a highly recommended residential school for both external and on-campus students (non-attendance will mean the student misses an element of assessment preparation). To participate in the residential school students will need to have immunity to or have been vaccinated against Q fever (A zoonotic disease).

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

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (EnginTech not classified) Band 2

The handling, grading, storage, packaging and processing of agricultural produce are all important parts of the agricultural production and distribution system and frequently involve costs in excess of those associated with simply growing the crop. A knowledge of the physiological, physical, thermal, aerodynamic, rheological, electrical and optical properties of agricultural materials is highly relevant to these areas. Such knowledge may be used for the purposes of devising techniques for grading, sorting, separation and the design of packaging to prevent possible product damage. Various post harvest treatments are investigated. The fundamentals of waste management and life-cycle environmental assessments and some basic aspects of food processing technology are also considered. The course uses real world data sets from both field and lab work to show how the

AGR3304 SOIL SCIENCE (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Soil Science) Band 2

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

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

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Agriculture not elsewhere clas) Band 1

This course will investigate the causes of variability in agriculture production and modern techniques for improving yields. Precision agriculture enables the farmer to accurately use resources at the correct location and time to optimise the management of crops. Precision agriculture relies on technology to monitor the crops and GPS tracking to guide equipment to the required location to complete the task. This course will explore how these technologies can be utilised in the pursuit of improving crop production.

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

Semester 2 (EXT)Toowoomba (EXT)Toowoomba
Units 0 (Soil Science) Band 2

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

AGR3905 AGRICULTURAL ENGINEERING PRACTICE (FHESC - UGRD)

Semester 3 (EXT)Toowoomba (EXT)Toowoomba
Units 0 (EnginTech not classified) Band 2

Agricultural Engineering is a discipline which is strongly oriented to the practical needs of all involved in agriculture. Students need to understand the practical application of theories and develop skills in the identification and solution of problems. This course presents a coordinated set of activities which relate to other Agricultural Engineering courses and will reinforce and develop an understanding of their content and their application to real world situations. This course contains a mandatory residential school.

AGR4305 AGRICULTURAL SOIL MECHANICS (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (EnginTech not classified) Band 2

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

AGR8001 FOOD SECURITY IN THE 21ST CENTURY (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Agricultural Science) Band 1

This course introduces food security as a concept whereby world populations have access to sufficient, safe and nutritious food. The threats to food security are outlined including those caused by natural phenomena, demographic, logistical and economic issues and changes to the political state of world regions. The role of improvements in agricultural production are extensively explored including methods for maximising crop productivity, soil and water conservation techniques, improvements in farming technologies and practices, logistical enhancements and economic and political considerations.

AGR8002 EMERGING TECHNOLOGIES IN AGRICULTURE (FHESC - PGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Agricultural Science) Band 1

The course begins by considering the historical effects of technological change on agriculture and on rural communities and the flow on effects to society as a whole. The contribution made to technological innovation by advances in our fundamental understanding of biological and physical sciences is discussed. Innovations arising from advances in genetics, crop protection, soil science; agricultural engineering and robotics, data collection and analysis, computer technologies and other fields will be surveyed. Students will have the opportunity to prepare two case studies of their choice.

AGR8003 CRITICAL ISSUES IN AGRICULTURE (FHESC - PGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Agricultural Science) Band 1

This course provides an overview of a broad range of environmental, political, social and scientific issues which can impact on agricultural production. The course commences with an analysis of historical case studies surrounding agricultural production before introducing a number of issues which have the potential for conflict in contemporary agriculture systems. Topics covered will include land availability and alternate land use, water quality and availability, pollution management, agricultural imports and exports, biotechnological advances in agricultural production and other emerging issues. Students are required to prepare case studies on two critical issues, drawing on perspectives gained during the program.

ANA1101 APPLIED SYSTEMIC HUMAN ANATOMY FOR OCCUPATIONAL THERAPISTS AND PHYSIOTHERAPISTS (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich
Units 1 (Rehabilitation Therapies not e) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: BOTH or BPTH or ADAH

In this course, students will develop a foundational understanding of human anatomy through a systemic approach relevant to occupational therapists and physiotherapists. The course is divided into four sequentially scaffolded modules. Organ systems covered across these modules include integumentary, skeletal, muscular, nervous, cardiovascular, respiratory, digestive, endocrine, urinary, and the reproductive. Anatomical terminologies will also be covered by this course. Students will be introduced to anatomical structures and features of each system via the learning content. They will develop skills in identification and description of these features on a range of resources such as human cadaveric images, as well as virtual and physical models. To foster mastery of these skills, students will participate in a range of compulsory in-person and online learning activities which include on-campus practicals and tutorial classes, online learning activities. Students will demonstrate their knowledge and understanding through a range of authentic assessments.

ANA1201 APPLIED MUSCULOSKELETAL AND NEUROANATOMY FOR OCCUPATIONAL THERAPISTS AND PHYSIOTHERAPISTS (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich
Units 1 (Rehabilitation Therapies not e) Band 2

Pre-requisite: ANA1101 and Students must be enrolled in one of the following Programs: BOTH or BPTH or ADAH

This course will be comprised of two modules. In the first module, students will learn about the central nervous system and the peripheral nervous system. The second module will guide students in applying knowledge about the musculoskeletal system to analyse, evaluate and rehabilitate human movement. Students will retrieve and recall detailed knowledge about the musculoskeletal system and the neural structures involved in sensation, movement, perception, and human cognition. They will use that knowledge in discipline-specific ways that lead to development of core competencies in surface anatomy, movement analysis and intervention approaches. Students will demonstrate their understanding through a range of authentic assessments. Students need to pass all competency assessments in a course. Competency Assessment Items are identified in the course specification. This course also directly addresses the Occupational Therapy Board of Australia (OTBA)'s competency standards 1 to 4. Comprehensive mapping to these competency standards is essential for External Accreditation of the Occupation Therapy program but the content remains important to all students in all programs.

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

Semester 1 (ONL)Toowoomba
Units 1 (Nursing not classified) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: PDEV or MNSG or GCHH or GDHH or MOHH or GDNG or GCNG

This course contains three modules of study which provide registered nurses with a detailed exploration of the context of rural and remote area practice. This course includes professional practice contexts; an awareness of cultural safety principles, and the primary health care and public health approaches to rural and remote area health care delivery.

ANP5002 IMMUNISATION NURSING (FHESC - PGRD)

Semester 1 (EXT)Toowoomba
Units 1 (Nursing not classified) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MNRS or MNSG or GCHH or GDHH or MOHH or DOHH or GCNG or GDNG

This course offers Registered Nurses the opportunity to integrate and apply Health Management Protocols and Drug Therapy Protocols along with relevant immunisation theory to their clinical practice. On successful completion of this course students may be eligible to apply for authorisation to practice under the Immunisation Program Drug Therapy Protocol. Students are required to complete 6 hours of supervised clinical practice in an Authorised Immunisation Clinic.

ANP5003 EMERGENCY NURSING IN ISOLATED PRACTICE (FHESC - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Nursing not classified) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BHEH or GCHH or GDHH or MOHH or MNSG or PDEV or GDNG or GCNG

This course aims to improve advanced clinical decision making in caring for patients who are acutely ill / injured with the potential to develop critical illness, in an emergency care setting and in rural and remote nursing practice. Students will critique and apply recent national and professional strategies to recognise deterioration and support those in need of critical/emergency care in the emergency department, rural and remote settings. Students will explore and analyse evidence based strategies, legal frameworks, accountability; investigate advanced pharmacological concepts in the assessment and management of emergency care patients. The specific clinical assessment required for the management of the critically ill / injured adult and paediatric delivered in emergency care environment will be addressed through work based learning within the collaborative practice framework.

ANP8003 MANAGEMENT IN HEALTH CARE PRACTICE (FHESC - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Nursing not classified) Band 1

Pre-requisite: Students must be enrolled in one of the following programs: BHEH or MNRS or PDEV or MNSG or GDHH or MOHH or GCCO or MCCO or GDCN or GCHH or GCNG or GDNG

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

ANP8008 DIAGNOSTICS AND ASSESSMENT (FHESC - PGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (Health not elsewhere classified) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: BHEH or MNSG or MNRS or PDEV or GCHH or GDHH or MOHH or GCNG or GDNG or GCNM

This course introduces the registered nurse to the advanced nursing praxis of correlation of assessment data, diagnostic testing and evidence-based management to determine a differential diagnoses related to scheduled medicine administration. Students will apply evidence-based practice to the skills of physical assessment and interpretation of health data and status, to validate the appropriate protocol for administration of scheduled medicines.

ANP8009 PHARMACOKINETICS AND PHARMACOLOGY FOR SCHEDULED MEDICINES (FHESC - PGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (Health not elsewhere classified) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: BHEH or GCHH or GDHH or MOHH or MNSG or GDNG Rural and Remote or Scheduled Medicines specialty.

This course will equip students with the advanced decision making and diagnostic skills required when practicing in the generalist expanded practice role of initiating patient care (including use of medicines) in rural and remote primary care. Students will explore the legal framework supporting your practice, accountability within your individual scope of practice, and the unique context of nursing and health care needs in rural and remote nursing practice. Advanced pharmacological concepts related to practice in rural and remote primary care, across the lifespan will be investigated. Through work based learning, students will build on their patient history collection and physical examination skills, clinical decision making and diagnostic skills, to effectively plan management of patient care (including initiation of medicines) within a collaborative practice framework. This course includes detailed knowledge of the specific drugs included in national protocols that registered nurses may need to obtain, supply and administer in advanced practice contexts. Pharmacokinetics and pharmacodynamics components focus on drugs to explain physiological actions of drugs relevant to scheduled medicine endorsement.

ANP8010 SITUATIONAL PRACTICE: CLINICAL AND CRITICAL DECISION MAKING SKILLS (FHESC - PGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (Health not elsewhere classified) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: BHEH or GCHH or GDHH or MOHH or MNSG or PDEV or GCNG or GDNG or GCNM Co-requisite: ANP8008 and ANP8009

This course facilitates the student to apply advanced nursing competency domains in decision making to ensure safe and accountable practice. In this course the student will examine the clinical reasoning required of the advanced practice nurse and the application of best practice principles to achieve quality outcomes. Students will examine the legislation, professional guidelines and standards, and local governance which impacts their scope of practice.

ANP8011 CLINICAL LEADERSHIP IN CONTEMPORARY HEALTH CARE PRACTICE (FHESC - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Nursing not classified) Band 1

Pre-requisites: Students must be enrolled in one of the following Programs: BHEH or MNRS or PDEV or MNSG or GDHH or MOHH or GCCO or MCCO or GDCN or GCHH or GDNG or GCNG

This Masters level course explores contemporary issues related to theoretical concepts surrounding clinical leadership in practice for registered nurses working in health care organisations. To practice effectively the understanding and the application of clinical leadership is required. This course contains four modules of study which together provide registered nurses with a detailed exploration of the context of clinical leadership in practice including professional practice frameworks and theoretical concepts surrounding clinical leadership. Reflection is used to gain self-awareness of leadership traits and attributes. Students will apply the principles of clinical leadership in practice inclusive of the role of change agent, visionary and advocate; and gain an understanding of the legal, ethical and social justice approaches to clinical leadership in health care settings.

ANT1000 WORLD ARCHAEOLOGY: AN INTRODUCTION (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Archaeology) Band 1B

This course examines our understanding of the biological and cultural evolution of our species. In order to do this, the prehistory of humanity and their ancestors is considered, using an evolutionary approach. The perspective throughout this course is derived from the fields of

ANT1001 CULTURAL DIVERSITY: AN INTRODUCTION TO ANTHROPOLOGY (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Anthropology) Band 1B

The study of human communities, their societies and cultures, is approached through the perspectives of cultural anthropology. Students are presented with the major theories, concepts and debates of this discipline, and will read material related to current diverse interests and concerns of anthropologists.

ANT2005 CULTURE, RELIGION AND BELIEF (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Anthropology) Band 1B

This course presents a theoretical analysis of religion and belief as cultural phenomena. Through the study of diverse, local perspectives on religion and belief, this course guides students in recognising the connections between various social and cultural institutions. It explores the dynamics of religion and magic in human societies through comparative studies of elements, forms and symbolism in systems of religion and belief.

ANT2007 ETHNOGRAPHIC METHODS: MAKING ANTHROPOLOGY (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Anthropology) Band 1B

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

ANT2008 ARCHAEOLOGICAL LABORATORY METHODS: ANALYSIS AND INTERPRETATION (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Anthropology) Band 1B
Pre-requisite: ANT1000

This course teaches archaeology students how to analyse and interpret archaeological material addressing the major categories of cultural material encountered in Australian archaeological contexts ranging from stone artefact analysis, bone and shell identification and methods of quantification and interpretation. The course aims to provide a broad introduction to laboratory methods in archaeology.

ANT2010 ARCHAEOLOGICAL FIELD METHODS (FBELA - UGRD)

Semester 2 (EXT)Toowoomba
Units 1 (Archaeology) Band 1B
Pre-requisite: ANT1000

This course focuses on site survey, site recording and mapping, and techniques of excavation of archaeological sites. You will gain this experience in a genuine archaeological research context, at the Eagles Nest Depression Era camp in Redwood Park, Toowoomba. The course will include use of the Australian Archaeology Skills Passport as a key element to your professional development and to enhance your employment potential.

ANT3006 INDIGENOUS PEOPLES IN THE NATION STATE (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Anthropology) Band 1B

One of the casualties of the expansion of the culture of capitalism for Indigenous peoples is cultural diversity related to the profound cultural incompatibilities between indigenous peoples and the culture of capitalism and the need of the nation-state to ensure political authority and control over economic resources desired by corporations or the nation-state itself. This course then, examines the historical and contemporary impact of the Nation State on small-scale Indigenous societies around the world with a focus on the capitalist system. Broad theoretical frameworks relating to global western expansion as well as specifics relating to the effects of the culture of capitalism are explored.

ANT3011 CULTURAL HERITAGE MANAGEMENT (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Anthropology) Band 1B

Enrolment is not permitted in ANT3011 if ANT3009 has been previously completed

This course provides students with a practical and conceptual foundation in cultural heritage studies. Students develop a critical scholarly insight into the field, while working alongside heritage professionals to develop knowledge and skills applicable to the workplace. The course is divided into four modules: 1. Making Heritage: traditional and critical approaches to understanding heritage 2. Assessing Heritage Significance: foundational practical skill in heritage management and conservation 3. Heritage Protection: Government legislation, policy and planning frameworks 4. Politics, Ethics and Use of Heritage: heritage interpretation, tourism and contestation The course is delivered through two workshops delivered in partnership with industry. Assessment items are developed with industry and comprise real world projects aligned to the workshops. All work encompasses team cooperation in the development of individual assignments. As an interdisciplinary field, heritage studies encompasses Aboriginal history, historic buildings, archaeological sites, national parks, monuments, stories, beliefs and landscapes; making this course valuable to students of anthropology, archaeology, engineering, history, environmental management, tourism, writing and many other disciplines involved in Environmental Impact Assessment and planning.

ANT4001 ADVANCED CONTEMPORARY ANTHROPOLOGICAL THEORY (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 2 (Anthropology) Band 1B

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

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

AVN1101 INTRODUCTION TO AVIATION (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld
Units 1 (Business Mgt not classified) Band 2

This course briefly studies the history of the aviation industry and you will investigate and experience the requirements of discipline and professionalism in this industry. The history of the industry will be used to develop an understanding of the modern aviation industry and how the industry is currently managed and governed as well as how airlines, airports, air traffic control and other aviation entities operate and combine to create this exciting and innovative industry. This course uses practical activities and written communication skills to develop professional skill. You will begin your professional development in the industry in this course concomitantly with other 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)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Business Mgt not classified) Band 2

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. This course uses real-world scenarios to evaluate problems, research relevant aviation regulations, develop recommendations and develop professional skill. The course also provides an opportunity to evaluate accidents/incidents associated with common meteorological phenomena. The course concludes with a focus on basic navigation and operations, performance and planning. You will begin your professional development in the industry in this course concomitantly with other first year courses by investigating and experiencing aspects of the industry such as appropriate dress, bearing, professional attitudes and non-technical skills including operational and practical ethics and the observation of cultural/operational differences in various airspace and airport localities.

AVN1103 INTERNATIONAL AVIATION (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld
Units 1 (Business Mgt not classified) Band 2

This course explores the roles and functions of ICAO, together with its interactions with national aviation safety regulators as well as other international bodies such as the International Air Transport Association (IATA). The role of major regional and state regulators such as the Federal Aviation Administration (FAA), the European Aviation Safety Authority (EASA), Pacific Aviation Safety Office (PASO) and the Australian Civil Aviation Safety Authority (CASA) will be explored. This course uses real world scenarios and case studies to identify key challenges in the international aviation system and develop professional knowledge. You 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 Program, and the IATA Operational Safety Audit.

AVN1104 INTRODUCTION TO HUMAN PERFORMANCE IN AVIATION (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Behavioural Science not elsewhere) Band 2

Human factors in aviation are involved in studies of human capabilities, 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 Threat and Error Management (TEM). The course also explores leadership and teamwork and engages you by placing you in an aviation context through the use of appropriate case studies.

AVN1105 INTRODUCTION TO AVIATION BUSINESS (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Business Mgt not classified) Band 2

This course studies the various businesses and business processes that make up the aviation industry. These include the aircraft manufacturers, general aviation, airlines, airports and other sectors of the industry including government agencies and maintenance organisations. You will develop an understanding of the impact that customer service has in increasing aviation revenue by building trust between the company and its passengers. As well as learning about these various businesses, where appropriate you will make site visits or have Aviation business leaders visit campus to example organisations to develop a deeper understanding of the industry. You will also continue your professional development within the industry by investigating and experiencing aspects of the industry such as appropriate dress, bearing, professional attitudes and non-technical skills.

AVN1108 FLIGHT LABORATORY (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld
Units 1 (Aircraft Operation) Band 2
Pre-requisite: AVN1102 and AVN1104

The course uses a blend of practical and theory components, allowing you to translate and apply theory to practical applications whilst undertaking flight training in a B737 or A320 style simulator. The course includes theory and practical aspects of flight preparation involving flight planning, meteorological interpretation, airport operations, air traffic control, pre and post flight briefings and airmanship. In addition, you will be required to record your learning experiences in a reflective diary, which will be assessed as part of the course requirements.

AVN2101 AIRPORT OPERATIONS AND MANAGEMENT (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 2

In this course you will study major airports and the environments in which they operate. This will include day-to-day operations and management of the airport as a business, safety management, emergency management, landside, terminal and airside operations and management. These topics are covered using case studies and scenario-based exercises. You will also engage the nexus between overall airport management and the regulatory system that governs the relationship between airport managers and government agencies such as civil aviation authorities, customs and border protection and policing agencies.

AVN2103 AIRLINE OPERATIONS MANAGEMENT (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 2

This course provides an overview of airline operations within the highly regulated environment that includes flight operations, flight standards, fleet management, crew training, network operations, cabin crew operations, ground operations and aircraft maintenance. The course will also look at the relevant air transport regulation, air traffic management and appropriate business models. You will work individually and in small team activities to gain an understanding of planning, coordinating, and controlling an airline in the context of a commercial environment.

AVN2104 AVIATION SAFETY SYSTEMS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Business Mgt not classified) Band 2

To enter the aviation industry in a managerial or supervisory capacity you will require an in-depth knowledge of risks to safety caused by system and individual failure. You 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 you to measure and manage safety within the structure of a safety management system. You will continue your professional development in the industry in this course concomitantly with other first year courses by investigating and experiencing aspects of the industry such as appropriate dress, bearing, professional attitudes and non-technical skills.

AVN2105 AIRCRAFT OPERATIONS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 2

Pre-requisite: AVN1102

In this course, you will further develop your understanding of operations, performance and planning for a light aeroplane commonly found in General Aviation. The course provides theoretical knowledge and an opportunity to expand students' ability to plan a small charter operation. To better understand overall aircraft operations you will also require a knowledge of aerodynamics meteorology general flight planning and aircraft performance that was covered in AVN1102 General Aviation Knowledge. You will continue to investigate, and be able to incorporate, the requirements of discipline and professionalism in this industry.

AVN3101 ADVANCED HUMAN FACTORS IN AVIATION (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld

Units 1 (Behavioural Science not elsewhere) Band 2

Pre-requisite: AVN1104

The course will examine the basic facets of human-machine interaction within the complex and dynamic environment of aviation operations. In small teams, you will study the interaction between humans within the system, both intra-aircraft, inter-aircraft, and between aircraft and other agencies within the aviation system. Additionally, the regulations, policies and procedures which govern the norms of the industry will be examined from a human-centric perspective. The course will further examine individual facets of human performance and will focus on the effects of fatigue, with mitigating interventions used in the aviation industry. The course will also examine the effects of breakdowns in human factors, specific initiatives used in aviation for human performance improvement, and the application of ergonomics and human factors within aircraft design. Outside of the aviation environment, comparisons will be made with other industries in order to gauge the level and success of intervention in human performance, across a diverse range of applications. Finally, future initiatives will be explored with regard to improvements in human performance.

AVN3102 SAFETY MANAGEMENT SYSTEMS (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 2

The course facilitates an understanding of the elements of safety management systems as essential aspects in the management of safety and risk within commercial aviation. Having an understanding of the components, processes, principles and management of safety management systems is essential for any manager or supervisor within the aviation system, and useful for all other personnel across the entire organisational spectrum. In the course you will review and further research safety concepts and safety management principles as well as examine the key elements of a safety management system and the associated systems, processes and procedures used in achieving high safety standards in aviation organisations. There will be a strong emphasis on the importance of data driven systems and sound risk management principles.

AVN3105 CONTEMPORARY ISSUES IN AVIATION (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 2

This course will encourage you to investigate current aviation industry issues through the lenses of safety, efficiency and sustainability. You will work individually and in small teams to research and develop well-considered responses to the various challenges facing the industry. Due to its contemporary nature, by definition, this course will be dynamic and therefore the content will be informed by real-time issues. The course will place you in the role of manager in your future working environment, giving you experience in the appraisal and analysis of both tactical and strategic issues in order to develop appropriate solutions.

AVN3110 AVIATION SECURITY MANAGEMENT (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Units 1 (Business Mgt not classified) Band 2

You will be introduced to security measures and regulations applicable to the air transport industry. You will develop a sound understanding of the nature and origins of terrorism and how it relates to the air transport industry, such as commercial airlines and airports. While examining the origins of international terrorism relating to air transport security, you will explore the terms 'terrorism' and 'counter terrorism' and how these have impacted on society and air travel. You will gain an in-depth knowledge of risk and safety management practices that address aviation security, and develop the skills necessary to identify, predict and suggest prevention strategies associated with future threats to air transport security. Also, relevant national and international legislation and regulation associated with aviation security are explained.

AVN3111 INTRODUCTION TO UNMANNED AERIAL VEHICLE (UAV) OPERATIONS (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 2

You will develop a sound understanding of UAV operations including: the history of UAVs; applications of small UAVs; design variations; legal, environmental and operational considerations; business of unmanned aviation; and future challenges for UAV operations. By considering real-world case studies, current research and contemporary trade practices, the course will provide you with the opportunity to develop analysis and problem-solving skills focused on the impact that this paradigm shift in air transport services has on the current air transport environment.

AVN3500 FLIGHT OPERATIONS PROFESSIONAL PRACTICE (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 0 (Business Mgt not classified) Band 2

Co-enrolment in the Diploma of Aviation (CPLA) or (CPLH) at an appropriate flight training school is required. The completion of the Diploma of Aviation (CPLA) or (CPLH) is intended to allow students to gain the practical flight skills and professional flight certification required to be employed as a commercial pilot. However, it is understood that student progress in flight training is individual and dependent of a range of factors including (but not limited to): completion of relevant theoretical exams, weather, flight training school schedules and aircraft availability etc. As such, topics, objectives, reference materials, assessment activities and the requirements to pass the course will differ from student to student, depending on the flight training progress.

AVN5101 AVIATION MANAGEMENT (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 2

Students will be introduced to contemporary aviation systems with an emphasis on macro-economics in a global market. They will develop a broad understanding of the aviation system in general, including international bodies, regulatory agencies, and the complex facets of individual airlines, airports and other ancillary agencies. Individuals will also develop analytical problem solving, communication and decision making skills. They will learn the skills of effective leaders and gain in depth knowledge of organisational behavioural processes such as change management and management of organisational culture. Individual and group assignments are used to achieve these aims.

AVN5102 SAFETY MANAGEMENT AND HUMAN FACTORS IN AVIATION (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 2

In this course students wishing to enter the aviation industry in a managerial or supervisory capacity will acquire an in-depth knowledge of human behaviour and performance limitations and the ensuing risks to safety caused by such breakdowns. They will learn to understand the systemic processes in place to mitigate for human performance failures within an aviation system, and to understand the sources of data which drive risk mitigation strategies appropriate for a high risk industry. A range of non-technical skills will be examined as part of the course.

AVN5103 HUMAN FACTORS TRAINING IN AVIATION (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Behavioural Science not elsewhere) Band 2

This course provides the background of training and teaching techniques often used by in-house airline training departments in accordance with national and international regulatory guidance legislation. Concomitantly it expands students' understanding of adult learning concepts in order for students to develop better practices in human factors training. The course also provides instruction which will lead to a thorough understanding of human factors knowledge assessment and behavioural marker systems.

AVN5104 INTERNATIONAL AVIATION SYSTEMS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 2

Students will be introduced to the framework supporting international aviation systems. They will develop a broad understanding of international aviation in general, including economic and social benefits of aviation, international organisations, national aviation agencies, foreign operations, deregulation, air service agreements, commercial arrangements, contemporary industry trends, security and environmental issues. They will learn the skills of effective managers by developing an appreciation of the impact of international aviation systems on aviation business.

AVN5105 INTRODUCTION TO AVIATION RESEARCH (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 2

The course aims to provide students with the abilities to enable them to conduct research in the aviation domain. It provides an introduction to research methodologies, research proposals, and the fundamentals of conducting a research project, which will enable them to conduct research in later academic courses and within the aviation industry. An emphasis is placed on the evaluation and implementation of quality research design and methods.

AVN8101 MANAGING OPERATIONS IN AVIATION (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 2

This course provides aviation practitioners with the opportunity to explore a diverse range of operations specialisations within the aviation system and their own professional environment, from the perspective of their current and anticipated role(s). Participants will reflect on the various operational components of the industry and apply this reflective knowledge in a manner that will elucidate high level managerial expertise.

AVN8102 APPLIED HUMAN FACTORS IN AVIATION (FBELA - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Behavioural Science not elsewh) Band 2

This course will teach students entering the aviation industry in a managerial or supervisory capacity an in-depth knowledge of the human performance limitations which sometimes affect individual behaviour, and the ensuing risks to safety caused by such break downs. They will learn about possible vulnerabilities throughout the system, and not just in their specialty area and that there are systemic processes in place to mitigate for human performance failures across the aviation system. Having an in-depth understanding of human factors concepts across a broad range of disciplines will allow them to understand human factors implications and how they integrate factors across different elements of the aviation system.

AVN8103 MANAGING A SAFETY CULTURE IN AVIATION (FBELA - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Behavioural Science not elsewh) Band 2

The course provides students with an in-depth analysis of the collaborative and holistic safety efforts applied across aviation operations. Safety management systems and processes, and the effects these have on safety and safety culture are examined. The various dimensions of culture, including both international and organisational culture, will be explored and the relationship between culture and safety culture will be analysed. The effects of a valid reporting culture and its safety outcomes will be covered both in theory and from an operational perspective.

AVN8104 AVIATION RESEARCH PROJECT (PART A) (FBELA - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Business Mgt not classified) Band 2
Pre-requisite: AVN5105

This course (being the first half of the project) provides students with a significant opportunity for research on an aviation topic, usually related to their work environment, to apply and/or extend knowledge developed in their program of study. Students are assisted by one or more supervisors with an appropriate background in the area of endeavour. The course requires students to nominate a substantial project, to conduct a review of the literature associated with the project and to develop a comprehensive research proposal that includes appropriate research methodology and methods. The course will operate on the basis of frequent individual consultation and feedback between the student and supervisor(s).

AVN8105 AVIATION RESEARCH PROJECT PART B (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Business Mgt not classified) Band 2
Pre-requisite: AVN8104

This course (being the second half of the project) provides students with a significant opportunity for research on an aviation topic, usually related to their work environment, to apply and/or extend knowledge developed in their program of study. Students are assisted by one or more supervisors with an appropriate background in the area of endeavour. The course requires students to continue the supervised research from AVN8104 using appropriate research methods and present results in a research project. The research project will involve the writing of a research paper of up to 15,000 words which includes study findings and conclusion. The course will operate on the basis of frequent individual consultation and feedback between the student and supervisor(s).

BCA8000 AESTHETIC DIMENSIONS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Drama and Theatre Studies) Band 1A
Pre-requisite: Students must be enrolled in one of the following Programs: MSTA or MARA

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

BIO1101 BIOLOGY 1 (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (Biological Sciences not elsewh) Band 2

This course provides a brief history to life on earth, introduces the characteristics and diversity of organisms and provides a comprehensive foundation in cell structure and function, energy transformations (photosynthesis and respiration), genetics and an introduction to the principles of ecology. 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. This course contains a highly recommended residential school for external students and highly recommended on-campus laboratories or practical classes for on-campus students (non-attendance will mean the student misses both an element for assessment preparation and an element of assessment).

BIO1103 PATHOLOGY STUDIES (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba
Semester 2 (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Pathology) Band 2

This course introduces students to the pathologic basis of disease and explores the roles of the pathology laboratory and medical laboratory scientist in the healthcare system. BIO1103 pathology studies investigates the relationships between alterations in cell and tissue function, cell and tissue morphology, body fluid composition and the clinical signs and symptoms of disease. The course is delivered as three separate modules; Haematology, Histopathology and Clinical Biochemistry and provides an introduction to the theory and practice of these three disciplines of pathology. This course contains a mandatory residential school for both external and on-campus students. This course contains a mandatory residential school. To pass this course, students must attend the residential school. Student non-compliance with the attendance requirement will mean the student cannot pass the course. This is a requirement for program accreditation with the Australian Institute of Medical and Clinical Scientists (AIMS) and applies to all students in this course.

BIO1104 MEDICAL MICROBIOLOGY AND IMMUNOLOGY 1 (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Microbiology) Band 2

This foundational course explores the history and diversity of microorganisms, prokaryote and eukaryote cell structure and function, metabolism and growth, microbial genetics and the relevance of microbiology to other areas of biomedical science. The nature of interactions between bacteria, viruses, fungi and protists and other parasites with humans and their impacts on public health are also discussed. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students. To pass this course, students must attend at least 5 of the 6 residential school sessions or fortnightly laboratory classes. Students' non-compliance with the attendance requirement will mean the student cannot pass the course.

BIO1203 HUMAN ANATOMY AND PHYSIOLOGY 1 (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONC)Ipswich (ONC)Toowoomba
Units 1 (Human Biology) Band 2

An organ systems approach is used in this course to study the anatomy and physiology of healthy people. Body systems covered in this course include cardiovascular system, blood, lymphatic and immune systems, respiratory system, digestive system, urinary system, integumentary system, musculoskeletal system, and an introduction to the nervous and endocrine systems. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students. To pass this course, students must attend at least 5 of the 6 residential school sessions or fortnightly laboratory classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

BIO1204 INTRODUCTION TO BIOMEDICAL SCIENCES (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Semester 2 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Human Biology) Band 2

This course introduces students to foundational concepts in biomedical science through the study of the human body from the earliest stages of life through to old age. The course includes an introduction to the molecular basis of cells that comprise the human body, human reproduction, basic Mendelian genetics and ageing processes. It also emphasises the importance of ethics and professional practice in biomedical science by exploring some of the human rights controversies associated with past biomedical advances. In some disciplines, students need to demonstrate competency before they can progress further in their studies. Competency involves the application skills and knowledge to a particular standard performance. Students need to pass all competency assessments in a course and reach a total passing of 50% to be awarded a passing grade. Competency Assessment Items are identified in the course specification. This course also contains mandatory laboratory sessions, as either fortnightly laboratory/practical sessions or as a residential school. Semester 1: Mandatory on-campus laboratories or practical classes for on-campus students or a mandatory residential school for external students. (non-attendance will mean the student misses both an element for assessment preparation and an element of assessment). Semester 2: Both on-campus and external students will attend the mandatory residential school (non-attendance will mean the student misses both an element for assessment preparation and an element of assessment).

BIO1205 PATHOLOGY CLINICAL PLACEMENT 1 (FHESC - UGRD)

Semester 2 (ONC)Toowoomba
Semester 3 (ONC)Toowoomba
Units 1 (Human Biology) Band 2
Pre-requisite: BIO1103 Pre-requisite or Co-requisite: BIO1104

This course provides students with an introduction to pre-analytical pathology; specimen collection and processing, and precedes further clinical placements in the various analytical disciplines of clinical pathology. This course gives students the opportunity to apply their knowledge of pre-analytical pathology to a real-life situation in preparation for future employment in a clinical pathology laboratory. This course enhances student learning through the application of their theoretical knowledge in a real-world setting within a supportive professional team environment. This practical experience will encourage a reflective approach to the development of the students' work place skills and enhance their understanding of work health and safety and professional conduct. This course will also provide students with the opportunity to make valuable professional connections with laboratory supervisors and staff that could enhance their future employment prospects. Students intending to enrol in this course should communicate with the professional placement office well in advance of the first week of the semester so that the process of arranging a suitable placement with a pathology provider can begin. The course is offered in S2 and S3. The normal workload for this course is attendance of 13 days per semester. The details of the clinical placement are negotiated by the professional placements officer to suit the student's requirements and the pathology provider's capacity to accommodate the student. Failure to attend a placement that has been offered by the placements team, and accepted by the student, may result in failure of the course. Rejection of an offer of placement, for reasons that do not comply with the University's Assessment of Special Circumstances Procedure, may also result in failure of the course. The assessment in this course is competency-based. Students will achieve either a pass or fail for each assessment. Students need to pass all assessment items to successfully complete the course. These competency items form part of the UniSQ accreditation agreement with the Australian Institute of Medical and Clinical Scientists (AIMS). 1. Pathology Clinical placements Pathology clinical placements are an integral component of the Bachelor of Medical Laboratory Science and Associate Degree of Medical Laboratory Science. The Pathology Clinical Placements enable students to gain practical experience in a workplace setting. Students will be placed in a clinical workplace setting and must therefore be aware of, and comply with, the privacy and confidentiality protocols associated with working in such an environment. Students will be required to complete online induction training mandated by the placement provider and sign deeds relating to placement requirements and privacy. Students will be required to provide evidence of immunity to vaccine preventable diseases and evidence of Covid-19 vaccination. A comprehensive clinical placements guide, and information regarding mandatory documents and vaccination requirements, is available on the Medical Laboratory Science Community Hub on StudyDesk. Students will be responsible for the costs of travel and accommodation associated with clinical placements and for uploading all mandatory documents to InPlace.

BIO1206 HUMAN ANATOMY AND PHYSIOLOGY 2 (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich (EXT)Toowoomba
Units 1 (Human Biology) Band 2
Pre-requisite: BIO1203

An organ systems approach is used in this course to study anatomy and physiology and to explain how this relates to health and common pathologies and their pharmacological treatments in the context of disease, trauma and exercise. This course provides further, in-depth information from six topics that were undertaken in BIO1203 Human Anatomy and Physiology 1. The topics covered in BIO1206 Human Anatomy and Physiology 2 include cell physiology and the musculoskeletal, cardiovascular, respiratory, nervous and endocrine systems. These topics will be reviewed and extended to topics on cutting-edge and current research. In some disciplines, students need to demonstrate competency before they can progress further in their studies. Competency involves the application skills and knowledge to a particular standard performance. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students. To pass this course, students must attend at least 5 of the 6 residential school sessions or fortnightly laboratory classes. Students' non-compliance with the attendance requirement will mean the student cannot pass the course.

BIO1810 INTRODUCTION TO FOOD SCIENCE (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Food Science and Biotechnology) Band 2

This course is an introduction to the discipline of food science. A background is provided to the chemical nature of food and the main procedures used to analyse food components. The course next outlines the key aspects of food processing and product development. An overview of the procedures required to ensure food safety is provided and the nutrition and health aspects of food are introduced.

BIO2100 THE AUSTRALIAN BIOTA (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (Ecology and Evolution) Band 2

This course is designed to provide students with fundamental knowledge in the diversity of plants, animals and fungi and their habitats, with a specific focus on Australian biodiversity, and to provide them with skills of identification of biota. The evolution of the Australian flora and fauna from pre-Gondwana to the present-day and the current distribution of major vegetation types in relation to climate, soils, and fire are also explored. Practical work in the residential school laboratory sessions is an important component of this course. The assignments are designed to encourage students to extend their practical experience in their own time and to increase their awareness of the local flora, fungi, and fauna. This course contains a Highly Recommended residential school for both external and on-campus at UniSQ's Toowoomba campus.

BIO2103 BIOLOGY 2 (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba
Units 1 (Biological Sciences not elsewhere) Band 2

The evolution of animals and the tissue and organ systems of animals are introduced. This is followed by a study of the evolution and classification of plants and the morphology, anatomy, physiology and reproduction of flowering plants. This course contains a highly recommended residential school for external students and highly recommended on-campus laboratories or practical classes for on-campus students (non-attendance will mean the student misses both an element for assessment preparation and an element of assessment).

BIO2104 MOLECULAR DIAGNOSTICS 1 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (Pathology) Band 2
Pre-requisite: BIO1103 and BIO1203 and BIO1204

This course will explore the following four major themes: human cell biology and medical genetics; cytogenetic principles, nomenclature and molecular cytogenetics; chromosomal analysis in disease; and prenatal cytogenetics and fertility testing. Tutorials will extend the student's knowledge by providing problem-solving tasks, case study investigations and journal article discussions. This course contains a mandatory two-day residential school for both external and on-campus students. This residential school will provide students with the opportunity to apply their theoretical knowledge to practical cytogenetic testing and extended investigation of case studies in specific human diseases that are characterised by known genetic aberrations. As part of the University's accreditation agreement with the Australian Institute of Medical and Clinical Scientists (AIMS), students are required to attempt and submit all assessment items in this course. Students are also required to attend the mandatory residential school and obtain at least 50% of the marks allocated to the practical/laboratory skills assessment in this course. Non-attendance at the residential school will mean that students cannot pass the course.

BIO2105 PATHOLOGY CLINICAL PLACEMENT 2 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba
Units 1 (Pathology) Band 2
Pre-requisite: BIO1205

This course provides students with an opportunity to apply their specialised theoretical knowledge in a real-world clinical setting in preparation for future employment in a pathology laboratory. Students undertaking this clinical placement will gain organisational, time management and practical skills as they observe and participate in the day-to-day running of an analytical pathology department. This course encourages a reflective approach to the development of the students' workplace skills and will enable the student to make valuable professional connections with laboratory staff, potentially enhancing future employment prospects. Students intending to enrol in this course should communicate with the professional placements office well in advance of the first week of the semester so that the process of arranging a suitable placement with a pathology provider can begin. The course is offered in S1. The normal workload for this course is attendance of 18 days per semester. The details of the clinical placement are negotiated by the professional placements officer to suit the student's requirements and the pathology provider's capacity to accommodate the student. Failure to accept a placement that has been offered by the placements team, and accepted by the student, may result in failure of the course. Failure to accept a placement offer for reasons that do not comply with the University's Assessment of Special Circumstances Procedure may also result in failure of the course. 1. Pathology Clinical placements Pathology clinical placements are an integral component of the Bachelor of Medical Laboratory Science and Associate Degree of Medical Laboratory Science programs. The Pathology Clinical Placements enable students to gain practical experience in a pathology laboratory. Students will be placed a clinical workplace setting and must therefore be aware of, and comply with, the privacy and confidentiality protocols associated with working in such an environment. Students undertaking pathology clinical placements will be required to complete online induction training mandated by the placement provider and sign deeds relating to placement requirements and privacy. Students will be required to provide evidence of immunity to vaccine preventable diseases and evidence of Covid-19 vaccination. A comprehensive Clinical Placement Guide, and information regarding mandatory documents and vaccination requirements, is available on the Medical Laboratory Science Community Hub on StudyDesk. Students will be responsible for the costs of travel and accommodation associated with clinical placements and for uploading all mandatory documents to InPlace.

BIO2106 MEDICAL MICROBIOLOGY AND IMMUNOLOGY 2 (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (Microbiology) Band 2
Pre-requisite: BIO1104

This course builds on the fundamental theory and practical laboratory skills provided in BIO1104 Medical Microbiology and Immunology 1 with an increased focus on the development of assessment and interpretive strategies of microbiological data. Areas of specific emphasis include the nature of the complex interaction of microbial virulence factors with host immunological responses that may result in an infectious disease outcome. Students will be provided an opportunity to develop practical skills in a setting that will also encourage critical thinking during the generation, analysis, interpretation and reporting of complex microbiological data. This course contains a mandatory residential school for both external and on-campus students. As part of the UniSQ accreditation agreement with the Australian Institute of Medical and Clinical Scientists (AIMS), students are required to attempt and submit all assessment items in this course. Students are also required to obtain at least 50% of the marks allocated to the practical/laboratory skills assessment in this course.

BIO2107 CELL AND MOLECULAR BIOLOGY 1 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba
Units 1 (Biochemistry and Cell Biology) Band 2
Pre-requisite: CHE2120

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 molecular technologies including recombinant DNA techniques and standard molecular methods such as sequencing, RNAi, CRISPR-Cas9, in situ hybridisation, northern and western Blot assays, PCR, rtPCR and qPCR. These procedures underpin state of the art research and medical diagnostic assays. Applications of this technology are discussed. In the second module the course explores the nature of cellular ultrastructure; protein post-translational modification and targeting; vesicle transport in cells; regulation of the cell cycle and apoptosis. This course contains a highly recommended residential school for both external and on-campus students (non-attendance will mean the student misses both an element for assessment preparation and an element of assessment).

BIO2108 HAEMATOLOGY 1 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (Pathology) Band 2
Pre-requisite: BIO1103 and BIO1104

This course builds on the foundational knowledge acquired in the haematology module of BIO1103 Pathology Studies with a more in-depth study of normal haemopoiesis and haemostasis, qualitative and quantitative blood cell disorders, haemorrhagic and thrombotic disorders and haematological malignancies. Haematology 1 will also introduce the student to the use of specialised laboratory techniques including flow cytometry, cytochemistry, cytogenetics and molecular techniques in the diagnosis and monitoring of haematological disorders. The residential school component of the course will enable the student to practice the specialised laboratory skills required by scientists and technicians working in a clinical haematology laboratory including the interpretation of full blood counts and coagulation profiles and the microscopic assessment of blood film morphology. Haematology 1 will provide a solid background in the discipline to prepare students to undertake further advanced studies in BIO3107 Haematology 2 or to commence work in either a diagnostic or research setting. This course contains a mandatory residential school for both external and on-campus students. Student non-compliance with the attendance requirement will mean the student cannot pass the course. As part of the University's accreditation agreement with the Australian Institute of Medical and Clinical Scientists (AIMS), students are required to attempt and submit all assessment items in this course. Students are also required to attend the mandatory residential school and obtain at least 50% of the marks allocated to the practical/laboratory skills assessment in this course.

BIO2118 SYSTEMS PHYSIOLOGY AND PHARMACOLOGY (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (Biological Sciences not elsewhere) Band 2
Pre-requisite: BIO1203 Co-requisite: STA2300 or STA1003

This course builds on the first-year foundational knowledge obtained in BIO1203, BIO1204 and BIO1206 by providing further learning in the physiology and pharmacology of the cardiovascular, renal, pulmonary and central nervous systems. This will prepare students to undertake further advanced studies in subsequent courses. This course contains a mandatory 2-day residential school for both external and on-campus students. Students who do not attend this residential school will be unable to submit their assessment.

BIO2119 BIOCHEMISTRY OF NUTRITION (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Biochemistry and Cell Biology) Band 2
Co-requisite: CHE2120

Biochemistry of Nutrition introduces the biochemical basis of nutrition, focusing on the structure and function of the macromolecules (proteins, carbohydrates, lipids and nucleic acids) and the mechanisms by which diet affects health and can cause dysfunction and disease in the body. It will also introduce the concepts of metabolism, metabolic control and metabolic abnormalities that will be presented in greater detail in BIO3219.

BIO2120 TECHNIQUES IN COMPARATIVE PHYSIOLOGY 1 (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Laboratory Technology) Band 2
Co-requisite: BIO2118 and (STA2300 or STA1003)

Techniques in Comparative Physiology 1 comprises a week of laboratory-based residential school that instructs students to operate biomedical science laboratory equipment and instruments. This equipment and instruments are used to produce data that is analysed using quantitative skills such as generating standard curves and statistics. This course contains a mandatory 5-day residential school. Students must attend all 5 days of the residential school to pass the course.

BIO2202 PLANT PHYSIOLOGY (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Botany) Band 2
Pre-requisite: BIO1101

The course is designed to inform a broad spectrum of students in plant science, wine science, biotechnology, ecology and education. The course examines essential processes in the life of plants: water uptake and transpiration; the nutrient requirements of plants; the effects of nutrient deficiencies; the transport of salts, sugars and other biomolecules within the plant; cell growth and development; the roles of plant hormones and the strategies adopted by plants to withstand environmental stresses. This course contains a highly recommended residential school for both external and on-campus students (non-attendance will mean the student misses both an element for assessment preparation and an element of assessment).

BIO2214 PATHOLOGY CLINICAL PLACEMENT 3 (FHESC - UGRD)

Semester 2 (ONC)Toowoomba
Semester 3 (ONC)Toowoomba
Units 1 (Pathology) Band 2
Pre-requisite: BIO2105

This course provides students with an opportunity to apply their specialised theoretical knowledge in a real-world clinical setting in preparation for future employment in a pathology laboratory. Students undertaking this clinical placement will gain organisational, time management and practical skills as they observe and participate in the day-to-day running of an analytical pathology department. This course encourages a reflective approach to the development of the students' workplace skills and will enable the student to make valuable professional connections with laboratory staff, potentially enhancing future employment prospects. Students intending to enrol in this course should communicate with the professional placement office well in advance of the first week of the semester so that the process of arranging a suitable placement with a pathology provider can begin. This course is offered in S2. The normal workload for this course is attendance of 17 days per semester. The details of the clinical placement are negotiated by the professional placements officer to suit the student's requirements and the pathology provider's capacity to accommodate the student. Failure to attend a placement that has been offered by the placements team, and accepted by the student, may result in failure of the course. Failure to accept a placement offer for reasons that do not comply with the University's Assessment of Special Circumstances Procedure may also result in failure of the course. 1. Pathology Clinical placements Pathology clinical placements are an integral component of the Bachelor of Medical Laboratory Science and Associate Degree of Medical Laboratory Science programs. The Pathology Clinical Placements enable students to gain practical experience in a pathology laboratory. Students will be placed in a clinical workplace setting and must therefore be aware of, and comply with, the privacy and confidentiality protocols associated with working in such an environment. Students undertaking pathology clinical placements will be required to complete online induction training mandated by the placement provider and sign deeds relating to placement requirements and privacy. Students will be required to provide evidence of immunity to vaccine preventable diseases and evidence of Covid-19 vaccination. A comprehensive Pathology Clinical Placements guide, and information regarding mandatory documents and vaccination requirements, is available on the Medical Laboratory Science Community Hub on StudyDesk. Students will be responsible for the costs of travel and accommodation associated with clinical placements and for uploading all mandatory documents to InPlace.

BIO2215 CLINICAL BIOCHEMISTRY 1 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (Biochemistry and Cell Biology) Band 2
Pre-requisite: BIO1103 and CHE2120

This course builds on the foundational knowledge acquired in the clinical biochemistry module of BIO1103 Pathology Studies with a more in-depth study of human biochemistry in health and disease. Clinical Biochemistry 1 explores the physiology and pathophysiology of major human organ systems and the metabolism of important macro and micronutrients. This course also provides an overview of the major homeostatic mechanisms in the human body and explores the pathophysiology and associated laboratory investigation of homeostatic disturbances. The effect of pre-analytical, analytical and post-analytical factors on biochemical data, the establishment and use of reference ranges and the nature and importance of quality control and quality assurance procedures are also investigated. This course also provides an overview of the analytical instrumentation and analytical methods used in clinical biochemistry laboratories and investigates the work health and safety issues associated with working in a clinical biochemistry laboratory. Clinical Biochemistry 1 will provide a solid background in the discipline to prepare students to undertake more advanced studies in this discipline or to commence work in either a diagnostic or research setting. This course contains a mandatory residential school for both external and on-campus students. As part of the University's accreditation agreement with the Australian Institute of Medical and Clinical Scientists (AIMS), students are required to attempt and submit all assessment items in this course. Students are also required to attend the mandatory residential school and obtain at least 50% of the marks allocated to the practical/laboratory skills assessment in this course.

BIO2216 HISTOPATHOLOGY AND CYTOLOGY 1 (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Pathology) Band 2
Pre-requisite: BIO1103

This course provides students with an opportunity to further their theoretical knowledge and practical skills with a focus on laboratory assessment and interpretation of pathological changes detected in specimens of human tissues and cells. Students will augment their theoretical knowledge with practical training in the use of manual and automated systems such as preparation of tissue sections, slide films, routine and specialised staining methods, as well as the application of advancing immunohistochemical procedures. The course contains a mandatory residential school for both external and on-campus students. As part of the University's accreditation agreement with the Australian Institute of Medical and Clinical Scientists (AIMS), students are required to attempt and submit all assessment items in this course. Students are also required to attend the mandatory residential

BIO2217 TRANSFUSION SCIENCE (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba
Units 1 (Pathology) Band 2
Pre-requisite: BIO1103 and BIO1104 and BIO2108

This course builds on the introduction to Transfusion Science presented in BIO1103 Pathology Studies and the introduction to erythrocyte membranes and red blood cell antigens presented in BIO2108 Haematology 1. Transfusion Science will provide students with a solid understanding of the theory and practice of pre-transfusion testing and the procedures involved in the provision of compatible blood products for patients requiring transfusion of red blood cells, platelets and fresh and fractionated plasma products. This course also explores the pathogenesis and associated laboratory investigation of haemolytic transfusion reactions, haemolytic disease of the foetus and newborn and other serious hazards of transfusion. The isolation, assessment, storage and use of haemopoietic stem cells in transplantation procedures is also explored. The course is designed to enable graduates to commence work in a transfusion laboratory. The residential school component of this course will provide students with the opportunity to perform a complete pre-transfusion work-up including ABO and Rh(D) blood typing, antibody screening, antibody identification, red blood cell phenotyping and cross-matching. The residential school and associated skills evaluation will enhance the student's capacity and confidence to make critical and informed judgements in a professional setting. This course contains a mandatory residential school for both external and on-campus students. Students are also required to attend the mandatory residential school and obtain at least 80% of the marks allocated to the practical/laboratory skills assessment in this course. As part of the UniSQ accreditation agreement with the Australian Institute of Medical and Clinical Scientists (AIMS), students are required to attempt and submit all assessment items in this course.

BIO2218 CONCEPTS IN ENDOCRINOLOGY (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Biological Sciences not elsewh) Band 2
Pre-requisite: BIO2118

The course will explore the structure and function of the gastrointestinal tract and the endocrine system in greater depth than BIO1203 and BIO1206 and build upon the pharmacology introduced in BIO2118 by explaining the mechanisms of action of common pharmacological agents on the endocrine system and in the gastrointestinal tract. The residential school component of this course will enable the student to perform hormone-based assays including the analysis of the data generated. This course contains a mandatory residential school for both external and on-campus students. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

BIO2219 GENETICS (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Biological Sciences not elsewh) Band 2
Pre-requisite: BIO1100 or BIO1101 or BIO1204 or AGR1101

The course presents the scientific basis of heredity. The course commences with a review of mitosis and meiosis, an overview of Mendelian genetics and introduces complex genetic traits and the effects of inbreeding. Next, the impacts of gene frequency changes on the evolution of populations are considered. Mapping the location of genes on chromosomes, chromosomal variation and the effects of mutations on gene expression are studied. Aspects of medical and agricultural genetics are explored in detail including the genetic basis of human, animal and plant disease, DNA testing, genetic counselling, biotechnology and gene therapy.

BIO2220 TECHNIQUES IN COMPARATIVE PHYSIOLOGY 2 (FHESC - UGRD)

Semester 2 (EXT)Toowoomba
Units 1 (Laboratory Technology) Band 2
Pre-requisite: BIO1204

This course provides students with an opportunity to obtain further advanced practical biomedical sciences skills necessary to support their activity in a working laboratory or research setting. Candidates will augment their specialised subject knowledge and academic skills with practical skills. This course will allow students to improve their learning by the application of the theoretical concepts and skills into a laboratory setting. This course contains a mandatory 5-day residential school. Students must attend all 5 days of the residential school to pass the subject. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

BIO2810 NUTRITION AND HEALTH (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Nutrition and Dietetics) Band 2

This course examines the foods that are essential for the body to survive and grow from foetal life to old age. These essential components include both macronutrients such as carbohydrates, fats and proteins and micronutrients such as vitamins and minerals. In addition, this course will examine the concept of functional foods, that is how foods can be used to prevent or reverse disease, in addition to providing

BIO3102 HUMAN PATHOPHYSIOLOGY (FHESC - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Health not elsewhere classified) Band 2
Pre-requisite: BIO2118 and BIO2218

BIO3102 Human Pathophysiology provides a detailed exploration of the aetiology (causes), progression and treatment of some of the most common diseases affecting today's society. In addition to describing contemporary approaches to diagnosing and treating disease, the course will also explore emerging diagnostic technologies and treatments.

BIO3103 APPLICATIONS IN HUMAN TISSUE ENGINEERING (FHESC - UGRD)

Semester 1 (EXT)Toowoomba
Units 1 (Health not elsewhere classified) Band 2
Pre-requisite: BIO2107 or BIO2104

Applications in Human Tissue Engineering is a capstone course that enables students to apply the theoretical knowledge of the biomedical sciences that they have gained in their previous courses in a mini-research project. The course will also equip students with the practical skills that are relevant to the workplace or a higher degree in research.

BIO3105 PATHOLOGY CLINICAL PLACEMENT 4 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba
Units 1 (Pathology) Band 2
Pre-requisite: BIO2105 and BIO2214

This course provides students with an opportunity to apply their specialised theoretical knowledge in a real-world clinical setting in preparation for future employment in a pathology laboratory. Students undertaking this clinical placement will gain organisational, time management and practical skills as they observe and participate in the day-to-day running of an analytical pathology department. This course encourages a reflective approach to the development of the students' workplace skills and will enable the student to make valuable professional connections with laboratory staff, potentially enhancing their future employment prospects. Students intending to enrol in this course should communicate with the professional placements office well in advance of the first week of the semester so that the process of arranging a suitable placement with a pathology provider can begin. This course is offered in S1. The normal workload for this course is attendance of 17 days per semester. The details of the clinical placement are negotiated by the professional placements officer to suit the student's requirements and the pathology provider's capacity to accommodate the student. Failure to attend a placement that has been offered by the placements team, and accepted by the student, may result in failure of the course. Failure to accept a placement offer for reasons that do not comply with the University's Assessment of Special Circumstances procedure may also result in failure of the course. 1. Pathology Clinical placements Pathology clinical placements are an integral component of the Bachelor of Medical Laboratory Science program. The Pathology Clinical Placements enable students to gain practical experience in a pathology laboratory. Students will be placed in a clinical workplace setting and must therefore be aware of, and comply with, the privacy and confidentiality protocols associated with working in such an environment. Students undertaking pathology clinical placements will be required to complete online induction training mandated by the placement provider and sign deeds relating to placement requirements and privacy. Students will be required to provide evidence of immunity to vaccine preventable diseases and evidence of Covid-19 vaccination. A comprehensive Clinical Placements Guide and information regarding mandatory documents and vaccination requirements, is available on the Medical Laboratory Science Community Hub on StudyDesk. Students will be responsible for the costs of travel and accommodation associated with clinical placements and for uploading all mandatory documents to InPlace.

BIO3107 HAEMATOLOGY 2 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Pathology) Band 2
Pre-requisite: BIO2108 and BIO2217

This course builds on the foundational study of theoretical and practical haematology presented in BIO2108 Haematology 1 with advanced study of the pathogenesis of inherited and acquired malignant and non-malignant haematological disorders and blood-borne infectious diseases. This course will consolidate the students' knowledge of clinical haematology with a particular focus on blood film morphology, differential diagnosis, selection of appropriate laboratory investigations and appraisal of the clinical significance of the results obtained. Haematology 2 will examine the professional responsibilities of the medical laboratory scientist and prepare the student for employment in a clinical haematology. This course contains a mandatory residential school for both external and on-campus students. As part of the University's accreditation agreement with the Australian Institute of Medical and Clinical Scientists (AIMS), students are required to attempt and submit all assessment items in this course. Students are also required to attend the mandatory residential school and obtain at least 50% of the marks allocated to the practical/laboratory skills assessment in this course.

BIO3108 HISTOPATHOLOGY AND CYTOLOGY 2 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (Pathology) Band 2
Pre-requisite: BIO2216

This course builds upon the theoretical basis and practical skills of histology and cytology provided in BIO2216 Histopathology and Cytology 1. It explores in greater detail the pathogenesis of a range of human diseases associated with hyperplastic, neoplastic and malignant processes. Students will also gain opportunities to further develop their analytical skills as they will be presented with complex case studies that require high level interpretation and reporting capabilities. The course will also enable students to develop their knowledge in differential diagnosis of complex presentations, as well as become conversant with workplace health and safety issues, and other professional responsibilities associated with working in a pathology laboratory environment. This course contains a mandatory residential school for both external and on-campus students. As part of the University's accreditation agreement with the Australian Institute of Medical and Clinical Scientists (AIMS), students are required to attempt and submit all assessment items in this course. Students are also required to attend the mandatory residential school and obtain at least 50% of the marks allocated to the practical/laboratory skills assessment in this course.

BIO3109 INTEGRATIVE PATHOLOGY (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Pathology) Band 2
Pre-requisite: BIO2106 or BIO2108 or BIO2215 or BIO2216

This course will consolidate the students' knowledge and understanding of the various disciplines of pathology in a study of the structural and functional changes in cells, tissues and organs associated with the human body's response to toxic stressors and injury. Integrative pathology will integrate the theory and associated laboratory practices presented in the Haematology, Clinical Biochemistry, Histopathology, Molecular Diagnostics and Medical Microbiology and Immunology courses in the Bachelor of Medical Laboratory Science for the emerging Medical Laboratory Scientist. As part of the UniSQ accreditation agreement with the Australian Institute of Medical and Clinical Scientists (AIMS), students are required to attempt and submit all assessment items in this course.

BIO3201 EXTREME PHYSIOLOGY AND PHARMACOLOGY (FHESC - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Health not elsewhere classified) Band 2
Pre-requisite: BIO2118

Extreme Physiology and Pharmacology will provide an insight into the effects of extreme physiological and pharmacological stress on the body, including that exerted by extreme environments, exercise, drugs and certain clinical conditions. It will also include the exploration of current research into extreme physiological conditions and cutting-edge pharmacological approaches to combat these.

BIO3203 APPLICATIONS IN MEDICAL BIOTECHNOLOGY (FHESC - UGRD)

Semester 2 (EXT)Toowoomba
Units 1 (Health not elsewhere classified) Band 2
Pre-requisite: BIO3103 Co-requisite: BIO3207

Medical Biotechnology is the application of all of the biomedical science disciplines to produce a diagnostic, prognostic, preventative or treatment for disease. This second capstone course allows students to further develop their technical, quantitative and analysis skills in the biomedical science laboratory. These skills are necessary for students moving into graduate biomedical science careers or further research study.

BIO3204 MOLECULAR DIAGNOSTICS 2 (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba
Units 1 (Pathology) Band 2
Pre-requisite: BIO2104 and BIO2108 and BIO2106

This course will explore the following four major themes: the status of molecular diagnostic testing and its future, molecular testing in immunology and infectious disease, molecular testing in genetic disease, and molecular testing in cancer and haematology. This course contains a mandatory two-day residential school for both external and on-campus students. The practical component of the residential school will focus on utilising molecular diagnostic techniques in immunology and infectious disease testing and in diagnosis of specific human genetic diseases. Tutorials will extend the student's knowledge by providing problem-solving tasks, case studies and/or journal article discussions. As part of the University's accreditation agreement with the Australian Institute of Medical and Clinical Scientists (AIMS), students are required to attempt and submit all assessment items in this course. Students are also required to attend the mandatory residential school and obtain at least 50% of the marks allocated to the practical/laboratory skills assessment in this course.

BIO3205 PATHOLOGY CLINICAL PLACEMENT 5 (FHESC - UGRD)

Semester 2 (ONC)Toowoomba
Units 1 (Pathology) Band 2
Pre-requisite: BIO2214

This course provides students with a final opportunity to apply their specialised theoretical knowledge in a real-world clinical setting in preparation for future employment in a pathology laboratory. Students undertaking this clinical placement will gain organisational, time management and practical skills as they observe and participate in the day-to-day running of an analytical pathology department. This course encourages a reflective approach to the development of the students' workplace skills and will enable the student to make valuable professional connections with laboratory staff, potentially enhancing their future employment prospects. Students intending to enrol in this course should communicate with the professional placements office well in advance of the first week of the semester so that the process of arranging a suitable placement with a pathology provider can begin. This course is offered in S2. The normal workload for this course is attendance of 15 days per semester. The details of the clinical placement are negotiated by the professional placements officer to suit the student's requirements and the pathology provider's capacity to accommodate the student. Failure to attend a placement that has been offered by the placements team, and accepted by the student, may result in failure of the course. This statement also applies to the rejection of placements that do not comply with the University's Assessment of Special Circumstances Procedure (13/1150PL). 1. Pathology Clinical placements Pathology clinical placements are an integral component of the Bachelor of Medical Laboratory Science program. The Pathology Clinical Placements enable students to gain practical experience in a pathology laboratory. Students will be placed in a clinical workplace setting and must therefore be aware of, and comply with, the privacy and confidentiality protocols associated with working in such an environment. Students undertaking pathology clinical placements will be required to complete online induction training mandated by the placement provider and sign deeds relating to placement requirements and privacy. A comprehensive Clinical Placements Guide and information regarding mandatory documents and vaccination requirements, is available on the Medical Laboratory Science Community Hub on StudyDesk. Students will be responsible for the costs of travel and accommodation associated with clinical placements and for uploading all mandatory documents to InPlace.

BIO3207 CELL AND MOLECULAR BIOLOGY 2 (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba
Units 1 (Biochemistry and Cell Biology) Band 2
Pre-requisite: BIO2107

This course is for students who have completed a basic course in cell and molecular biology. Drawing on this knowledge base, the course addresses the nature of gene organisation in prokaryotic eukaryotic and viral systems. Potential applications of recombinant DNA technology, conventional molecular laboratory procedures and bioinformatics in biotechnology, agriculture and medicine are also discussed. This course also examines advanced aspects of cell structure, transport and membrane function. Signalling processes that regulate cell function both in healthy and diseased states are also investigated, together with the regulation of the cell cycle, programmed cell death and tumorigenesis. Students will gain experience in the development and application of conventional, in silico and recombinant molecular technologies for organizing, analysing and interpreting complex cellular function and signalling data. This course contains a highly recommended residential school for both external and on-campus students (non-attendance will mean the student misses both an element for assessment preparation and an element of assessment).

BIO3215 CLINICAL BIOCHEMISTRY 2 (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
(EXT)Toowoomba
Units 1 (Biochemistry and Cell Biology) Band 2
Pre-requisite: BIO2215

This course builds on the theoretical knowledge of human biochemistry and associated laboratory investigations acquired in BIO2215 Clinical Biochemistry 1 with a focus on the laboratory assessment of organ function, endocrine function, metabolic disorders and tumour markers. BIO3215 Clinical Biochemistry 2 extends the students' knowledge of clinical chemistry and the applications of specific manual and automated techniques in the screening, diagnosis and prognosis of disease and the monitoring of therapeutic interventions. This course will use a case-based learning approach to aid in connecting theory to clinical laboratory practice and to help students develop interpretive skills. This course will increase the students' knowledge of the sources of error in biochemistry testing, enhance their understanding of quality assurance and their ability to troubleshoot quality control failures and consolidate their understanding of work health and safety issues and professional responsibilities associated with working in a clinical biochemistry laboratory. This course contains a mandatory residential school for both external and on-campus students.

BIO3216 IMMUNOPATHOLOGY AND CLINICAL MICROBIOLOGY (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
(EXT)Toowoomba
Units 1 (Microbiology) Band 2
Pre-requisite: BIO2106

This course builds on the foundation theoretical knowledge and practical skill set provided in previous courses in medical microbiology and immunology and provides students with an advanced level of study of the principal mechanisms and pathways that underpin a functional immune system; the pathogenesis of inherited and acquired immunological dysfunctions and the associated host susceptibilities to infectious diseases. This course will consolidate a student's understanding of clinical immunology and then present advanced studies in immunopathology from both innate and acquired disease perspectives that has a focus on understanding dysfunctional immune regulation, aberrant hypersensitivity reactions, immunodeficiency, autoimmunity and allograft rejection. The student's comprehension of specific immunological pathologies will be further supplemented with applied case studies. Students will also gain an advanced understanding of the relationship between immune dysfunction and increased susceptibility to infectious diseases. Analysis of complex case studies in dysfunctional immunological syndromes, including emerging immunodeficiency states and autoimmune diseases will continue to provide opportunities for students to develop their investigative and reporting skills. This course will provide students an opportunity to further advance their practical skills in a setting that will also encourage critical thinking during the generation, analysis, interpretation and reporting of complex microbiological data. This course contains a mandatory residential school for both external and on-campus students. As part of the UniSQ accreditation agreement with the Australian Institute of Medical and Clinical Scientists (AIMS), students are required to attempt and submit all assessment items in this course. Students are also required to obtain at least 50% of the marks allocated to the practical/laboratory skills assessment in this course.

BIO3219 BIOCHEMISTRY OF HUMAN DISEASES (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Biological Sciences not elsewhere) Band 2
Pre-requisite: BIO2119

This course, set within a context of human health, focuses on advanced study of lipids, carbohydrates, and proteins in health and disease, including topics such as cell membrane structure and functions, obesity, disorders of lipid and carbohydrate metabolism, and nucleotide metabolism in the context of health and disease. Current and future treatments that target biochemical pathways as well as the ethics of diagnosing and treating human diseases based on dysregulated biochemical pathways will be explored.

BIO3318 PLANT MICROBE INTERACTIONS (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (Biological Sciences not elsewhere) Band 2
Pre-requisite: BIO1101 or Students must be enrolled in one of the following Programs: BATM or BENV or GCSC or GDSI or MSCN

The principal groups of micro-organisms which interact with plants are surveyed, particularly the fungi. Symbiotic interactions (notably those with nitrogen fixing bacteria and mycorrhizal fungi), the role of endophytes and the significance of the rhizosphere are described. A major emphasis is placed on the nature of plant pathogenesis, the disease cycle and the genetics and physiology of plant disease resistance. This course contains a highly recommended residential school for both external and on-campus students (non-attendance will mean the student misses both an element for assessment preparation and an element of assessment).

BIO3810 FOOD PROCESSING (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (Food Science and Biotechnology) Band 2

This course outlines the main methods of processing primary food ingredients into high quality, nutritious, sustainable and safe food products. The science behind food processing approaches and their analysis are outlined. Food process unit operations are outlined and analysed including movement of food through a process (mass balance, fluid flow, rheology and pumping), thermal processing and storage (energy balance, heat transfer, drying, freezing, canning, refrigeration). The course also looks at the advantages, disadvantages, safety and environmental implications of contemporary food processing technologies. This course contains a highly recommended Residential School where students will be working with students from other courses, and will involve factory tours.

BIO3811 FOOD PRODUCT DEVELOPMENT (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (Food Science and Biotechnology) Band 2
Pre-requisite: BIO1810

This course will examine how new food products are developed for society using modern approaches and technologies. The course also focusses on how these methods can enhance existing food products in terms of their quality and health value. This course contains a highly recommended Residential School where students will be working with students from other courses, and will attend factory tours.

BIO3820 FOOD MICROBIOLOGY (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (Food Science and Biotechnology) Band 2

In this course you will extend on the knowledge gained from previous courses in this major and put this in the context of the microbial loads found in food. You will distinguish between the different microbial hazards that may be found in food and the use of microorganisms in the production of foods. You will expand your understanding of the microbiology of food, food-borne diseases, food spoilage and micro biological analytical techniques. This course contains a highly recommended Residential School where students will be working with students from other courses, and will involve factory tours.

BIO3821 FOOD QUALITY ASSURANCE (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Food Science and Biotechnology) Band 2

This course examines the approaches required for ensuring food quality and food safety. It includes an overview of the history, principles and tools of total quality management, an outline of the fundamentals of ISO9000 standards, a background to quality assurance and a summary of contemporary statistical methods for food quality control. The main principles of Hazard Analysis and Critical Points (HACCP) are provided and the course concludes with a review of current government regulations on food safety. This course contains a highly recommended Residential School where students will be working with students from other courses, and will involve factory tours.

BIO8104 SPECIAL STUDY IN BIOMEDICAL SCIENCE (FHESC - PGRD)

Semester 1 (ONC)Toowoomba
Semester 2 (ONC)Toowoomba
Units 1 (Biological Sciences not elsewhere) Band 2

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

BIO8201 BIOLOGY FOUNDATIONS (FHESC - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Biological Sciences not elsewhere) Band 2

This course provides a brief description of the science of biology and the definition and characteristics of life. The classification and diversity of organisms, a comprehensive foundation in cell structure and function, energy transformations critical for the understanding of relationships between organisms and environment, genetics and an introduction to the diversity and evolution of plants and animals are also covered. The course concludes with an introduction to the principles of ecology, ecosystem dynamics, global energy flows and biogeochemical cycling.

BUS8101 BUSINESS PROJECT A (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Business Mgt not classified) Band 7

This course requires students to undertake a review of the literature associated with their project area as directed by their academic supervisor. Students will negotiate with their supervisor to agree on the exact format of their project, due dates and a schedule of supervision. It is important that students identify an appropriate supervisor and obtain their approval and ability to supervise the project prior to the start of the semester of study. As part of this process students should be able to outline a substantial project that incorporates significant theoretical issues as well as providing practical experiences relevant to their career development. The project may be sponsored by the student's employer. The literature review will identify the major issues associated with the project and provide a theoretical and conceptual basis for the project. Enrolment in this course is subject to the availability of a supervisor.

BUS8102 BUSINESS PROJECT B (FBELA - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Business Mgt not classified) Band 7

This course requires students to undertake a review of the literature associated with their project area as directed by their academic supervisor. Students will negotiate with their supervisor to agree on the exact format of their project, due dates and a schedule of supervision. It is important that students identify an appropriate supervisor and obtain their approval and ability to supervise the project prior to the start of the semester of study. As part of this process students should be able to outline a substantial project that incorporates significant theoretical issues as well as providing practical experiences relevant to their career development. It is possible that students can use this course to build on the project work in BUS8101, additionally this can be an independent project. Project work undertaken in this course will normally involve data gathering and analysis based on a research proposal which aims to provide a set of career enhancing experiences for the student. Enrolment in this course is subject to the availability of a supervisor and may be sponsored by the student's employer. It is the student's responsibility to identify a suitable and willing supervisor for this project.

BUS8201 MASTER OF BUSINESS RESEARCH PROJECT A (FBELA - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba
Semester 2 (ONC)Toowoomba (ONL)Toowoomba
Units 2 (Business Mgt not classified) Band 7
Co-requisite: RSH8000 and RSH8001

This is a two-unit course that contributes towards the Master of Business Research Thesis. 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 background. 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 and Faculty Research and Higher Degrees Committee then considers topics drawn from elsewhere if necessary. The dissertation will be a significant piece of independently conducted and written research. To successfully complete the dissertation, students will be required to select a research topic, develop a proposal, carry out supervised research on the chosen topic using an appropriate research method, and present and defend the results using an appropriate research method, and present and defend the results.

BUS8202 MASTER OF BUSINESS RESEARCH PROJECT B (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONC)Toowoomba (ONL)Toowoomba
Units 4 (Business Mgt not classified) Band 7
Co-requisite: RSH8000 and RSH8001

This is a four-unit course that contributes towards the Master of Business Research Thesis. 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 background. 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 and Faculty Research and Higher Degrees Committee then considers topics drawn from elsewhere if necessary. The dissertation will be a significant piece of independently conducted and written research. To successfully complete the dissertation, students will be required to select a research topic, develop a proposal, carry out supervised research on the chosen topic using an appropriate research method, and present and defend the results.

BUS8205 MASTER OF BUSINESS RESEARCH PROJECT C (FBELA - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba
Semester 2 (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Business Mgt not classified) Band 7
Co-requisite: RSH8000 and RSH8001

This is a one-unit course that contributes towards the Master of Business Research Thesis and is only available for students who have approval for extra time to complete their thesis or have approval to reduce their study load. 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 background. 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 and Faculty Research and Higher Degrees Committee then considers topics drawn from elsewhere if necessary. The dissertation will be a significant piece of independently conducted and written research. To successfully complete the dissertation, students will be required to select a research topic, develop a proposal, carry out supervised research on the chosen topic using an appropriate research method, and present and defend the results.

CAW3001 COMMUNITY PROJECT 1 (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Community Health) Band 2
Pre-requisite: HSW1000 and (MU1002 or VIS1010 or VIS1020 or THE1003)

This course is a capstone course in the Bachelor of Creative Arts and Community Wellbeing. To increase employability, it is vital that that students experience practical and collaborative application of what they have learnt in the degree thus far in a community setting. Students will take part in a community project that will synthesise theory and practice at an advanced 3rd year level with a particular focus on their selected creative arts discipline. To successfully complete this course students will be required to participate in a directed community placement or to undertake a self-devised research project.

CAW3002 COMMUNITY PROJECT 2 (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Community Health) Band 2
Pre-requisite: CAW3001

This course is a capstone course in the Bachelor of Creative Arts and Community Wellbeing. To increase employability, it is vital that that students experience practical and collaborative application of what they have learnt in the degree thus far in a community setting. Students will take part in a community project that will synthesise theory and practice at an advanced 3rd year level with a particular focus on their selected creative arts discipline. To successfully complete this course students will be required to initiate, implement, and acquire a relevant community project, or to undertake a self-devised research project.

CDS1001 HUMAN RELATIONS AND COMMUNICATIONS (FHESC - UGRD)

Semester 1 (EXT)Toowoomba
Units 1 (Welfare Studies) Band 10

Human Relations and Communications is designed to develop the interpersonal skills necessary for cultivating 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. This course also contains a recommended residential school.

CDS1002 COUNSELLING SKILLS (FHESC - UGRD)

Semester 2 (EXT)Toowoomba
Units 1 (Counselling) Band 10

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 counselling modalities. This course contains a highly recommended residential school and online asynchronous tutorials. The dates and location of the highly recommended residential school are available from the Residential School Timetable (<https://www.unisq.edu.au/handbook/current/resschoolsched.html>). The dates and times of the online tutorials will be available in the course study schedule.

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

Semester 1 (ONC)Ipswich (ONL)Toowoomba
Units 1 (Welfare Studies) Band 10

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 Industry. While considering a range of approaches to ethical theory and moral philosophy, students will focus on rights-based, anti-oppressive approaches to human services practice.

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

Semester 2 (EXT)Toowoomba
Units 1 (Counselling) Band 10

Pre-requisite: Students must have successfully completed 8 units prior to enrolling

Different theories and therapeutic approaches to the assessment of clients will be covered in this course. The course will teach students how to apply different theories and therapeutic approaches to the assessment of clients. Students will review common assessment tools and learn how to incorporate and interpret formal client feedback as a means to guide treatment and improve client outcomes. Students will learn how to write information appropriate for case notes and reports to meet professional and legal standards. This course will deal with confidentiality and the issues involved in the writing and storage of personal and statistical information about clients. This course contains a recommended residential school and online synchronous tutorials.

CDS3002 COUNSELLING THEORY AND PRACTICE (FHESC - UGRD)

Semester 1 (EXT)Toowoomba
Units 1 (Counselling) Band 10
Pre-requisite: CDS1002 or (PSY1010 and PSY1020)

The course introduces students to core concepts in counselling and integrates these within a core transtheoretical model of counselling. Students learn about various treatment philosophies and approaches to commonly presenting client issues. This course emphasises both personal and professional self-exploration and development. This course contains a recommended residential school and online synchronous tutorials.

CDS3004 COUNSELLING THEORY AND PRACTICE 2 (FHESC - UGRD)

Semester 1 (EXT)Toowoomba
Units 1 (Counselling) Band 10
Pre-requisite: CDS1002 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 have high flexibility and applicability. Students will learn a collaborative competency based approach (Solution oriented/Narrative therapy) and Motivational Interviewing. Both approaches are particularly well suited to the orientation of being client directed in counselling. Solution Oriented therapy emphasises a postmodern way of working with clients, and the Motivational Interviewing approach leans towards modernism and enables students to comfortably work in both contextual and medical model frameworks. This course contains a mandatory residential school and mandatory online tutorials.

CHE1110 CHEMISTRY 1 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Chemical Sciences not elsewhere) Band 2

Topics include atomic theory, formulae, valency, chemical equations, the periodic table, chemical bonding and structure, chemical calculations, chemical reactions, thermodynamics, and, acids and bases. This course has a graded laboratory component. This course contains a highly recommended residential school for external students and highly recommended on-campus laboratories for on-campus students (non-attendance will mean the student misses both an element for assessment preparation and an element of assessment).

CHE2120 CHEMISTRY 2 (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (Chemical Sciences not elsewhere) Band 2
Pre-requisite: CHE1110

This course addresses the important basic principles and concepts of physical, inorganic and organic chemistry. The course covers electrochemistry, coordination chemistry, reaction kinetics, organic functional groups, IUPAC naming, basic stereochemistry, and simple reactions. This course has a graded laboratory component. This course contains a highly recommended residential school for external students and highly recommended on-campus laboratories for on-campus students (non-attendance will mean the student misses both an element for assessment preparation and an element of assessment).

CHE2810 FOOD CHEMISTRY (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Chemical Sciences not elsewhere) Band 2

This course is focused on the chemistry of food with a particular emphasis on water, protein, carbohydrate and lipid components. The course will explore the relationships between these molecules in regard to the stability and the processing of food required to ensure a high-quality product. Other minor components such as flavours, vitamins, minerals, food additives and bioactive substances will be also examined.

CHE2820 PRINCIPLES OF FOOD ANALYSIS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Chemical Sciences not elsewhere) Band 2

The key analytical approaches to monitoring food components are described in this course. This includes contemporary approaches to determining moisture, ash, protein, lipid, fibre and carbohydrate content in food. The course will also examine methods for determining the nutraceutical content of food including vitamins, minerals, antioxidants and other additives.

CIS1000 DIGITAL DISRUPTION (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba
Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld
Units 1 (Information Systems not elsewhere) Band 2

This introductory course provides you with the opportunity to explore core information systems concepts, enablers and inhibitors of digital transformation process, understand frameworks for navigating digital disruption. In addition, you will get an understanding about ethical issues typically encountered by IT professionals; and will be able to understand the application of technologies for digital transformation initiatives. You will also be able to communicate the findings from information systems to appropriate audiences. This course uses real world scenarios and case studies as well as groupwork and group activities to communication solutions to professional, societal and/or ethical challenges.

CIS1101 BUSINESS ONLINE (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (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, technology concepts, identify marketing issues, and discuss various ethical issues associated with electronic commerce. Students will also obtain an understanding of payments systems, security and legal issues, government policies, mobile commerce and other future trends relating to electronic commerce. Students enrolling in this course must have IBM or IBM compatible hardware and software and must have access to the Internet. Formerly ELC1101.

CIS2000 SYSTEMS ANALYSIS AND DESIGN (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (Systems Analysis and Design) Band 2

Typical business information systems will be studied via real world case studies which will require students to develop effective listening and reading skills. A CASE (Computer Aided Software Engineering) tool will be used for various aspects of systems modelling. Learners will also experience project management software, and use it to put project management theory into practice. Students will be assessed the application of contemporary systems analysis and design methods and techniques to real world problems. This will be done via the assignments and the final examination. Professional ethics will be explored via formative assessment. The course draws on the Business Analysts Body of Knowledge as prescribed by the International Inst

CIS2005 PRINCIPLES OF INFORMATION SECURITY (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (Security Science) Band 2

Students study contemporary information security theory and practice in the context of threats, attacks and vulnerabilities that may exist in business systems and networks and the security controls that can be put in place to ensure that the risks are managed at an acceptable level. Students will develop their skills and knowledge so that they can evaluate information security situations. They will be able to identify specific threats, attacks, vulnerabilities, and manage security architecture and design legal, privacy or ethical issues that may arise. They will be able to clearly communicate and propose recommendations to manage the risks. Students will be assessed on their understanding of key concepts of information security and their ability to apply and communicate effectively contemporary information security theory and practice to real world problems in the assignments and the final examination.

CIS2103 DIGITAL ASSETS AND RESPONSIBLE DATA MANAGEMENT (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba
Units 1 (Information Systems not elsewhere) Band 2

This course explores the regulatory, cultural, and ethical implications of collecting and managing digital assets and data. You will examine how digital assets are managed in organisations and the impact of unethical practices. You will discuss aspects of data ownership with a focus on FAIR Data Principles (Findable, Accessible, Interoperable, Reusable). Finally, you will reflect on a real-world example of unethical practice in digital asset management and work in a team to recommend responsible business practices that could be implemented.

CIS3002 AGILE METHODS (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld
Semester 2 (ONL)Toowoomba
Units 1 (Systems Analysis and Design) Band 2
Pre-requisite: CIS2000

This course focuses on the major theme of Agile Business Analysis and Project Management skills using contemporary methodologies. It addresses key professional competencies, skills, knowledge areas, values and dispositions in Agile Methods. The importance of written and oral communication skills is given due prominence. The course will enable students to understand iterative delivery methods and other contemporary approaches to Systems Design Methodologies, as well as a range of tools and techniques. Major trends and issues affecting business analysis and design in the business sector are also studied. The course simulations and exercises aim to give you greater comfort in dealing with people and facilitating groups which is required when applying Agile Methods in business settings. You will research the considerable resources on Agile Methods that are available through the internet.

CIS3008 INFORMATION TECHNOLOGY SERVICE MANAGEMENT (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Information Systems not elsewhere) Band 2
Pre-requisite: CIS2005

This course provides business and IT practitioners with the knowledge of service management fundamentals, and process management including process modelling, measurement and improvement. It addresses practical knowledge of IT service management, good practice frameworks and reference models (e.g. the IT Infrastructure Library (ITIL), IT4IT, etc.) as well as standards (e.g. ISO/IEC 20000) for effective IT service management. The course also introduces the emergent approaches that aim to accelerate and optimise the IT service development and operation. Successful completion of this course prepares the participants with the knowledge and skills required to undertake IT service management roles and be involved in implementation of IT service management good practice frameworks and standards. Case study analysis is used to evaluate the knowledge and skills essential for IT service management. Teamwork, verbal and written communication skills are also emphasised as important for the student's skill and knowledge portfolio.

CIS3009 ENTERPRISE SYSTEMS IN PRACTICE (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Information Systems not elsewh) Band 2

This course provides business, commerce and information technology students with the opportunity to explore enterprise systems concepts, and learn how these systems are being used by enterprises for decision-making and supporting their business operations. Students will identify implementation strategies of enterprise systems, and discuss how an integrated approach to business processes is facilitated by the use of enterprise systems. Students will gain an in-depth understanding of enterprise information systems, including enterprise resource planning (ERP), customer relationship management (CRM), supply chain management (SCM), and business process reengineering (BPR). Students will apply their knowledge gained in this course through practical work using industry-leading enterprise systems tools, case studies and research report writing. NOTE: Learners undertaking this course are required to have the ability to research with an understanding of ethical research practices.

CIS5100 PROFESSIONAL SKILLS FOR INFORMATION SYSTEMS (FBELA - PGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Information Systems not elsewh) Band 2

This course provides business and information technology practitioners with the opportunity to explore core information systems concepts, within the context of business and information technology, to enable effective application of business information systems as support tools within their profession. Participants will explore core concepts of business information systems; and will be able to develop a range of business information systems practical skills. Participants will also be able to communicate the findings from these information systems to appropriate audiences. Participants will apply theoretical and real-world practical knowledge of core information systems concepts. This course provides students with a foundation that is further built on in other information systems subjects.

CIS5101 DIGITAL ENTERPRISE (FBELA - PGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Units 1 (Information Systems not elsewh) Band 2

Co-requisite: CIS5100 or Students must be enrolled in one of the following Programs: GCBU or GDBZ or MBAD or IMBA or MPPM. Enrolment is not permitted in CIS5101 if CIS8100 has been previously completed.

This course provides business and information technology students with the opportunity to explore a variety of business, technical, legal and ethical issues that impact digital enterprises. Students will identify and learn how to exploit the opportunities and challenges provided by e-commerce and social media in a business context; and will be able to develop practical hands-on skills related to the use of digital technologies. Students will also be able to critically analyse the complexities and significance of the digital enterprise environment. This will involve a consideration of markets, firms, consumer behaviour, social media and current and emerging technologies. Students will apply their knowledge gained in this course through practical work using enterprise content management tools, business models and research report writing. NOTE: Learners completing this course are required to undertake research using ethical research practices.

CIS5205 MANAGEMENT OF INFORMATION SECURITY (FBELA - PGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld

Units 1 (Information Systems not elsewh) Band 2

Co-requisite: CIS5100

Students study contemporary information security theory and practice in the context of threats, attacks and vulnerabilities that may exist in relation to organisation's information, communications and technology assets and the controls that can be put in place to ensure that the risks are managed at an acceptable level. Students will develop their skills and knowledge so that they can evaluate information security situations. They will be able to identify specific threats, attacks, vulnerabilities and manage security architecture and design and legal, privacy or ethical issues that may arise. They will be able to clearly communicate and provide advice and guidance to business managers and operational employees to manage the risks identified. Students will be assessed on their understanding of key concepts of information security and their ability to apply and communicate effectively on temporary information security theory and practice to real world problems.

CIS5206 DATA MINING FOR BUSINESS ANALYTICS AND CYBER SECURITY (FBELA - PGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Systems Analysis and Design) Band 2

This course provides an overview of the different types of cyber-attacks, the business systems that are most at risk, and the strengths and challenges of data mining approach to cybersecurity. The course will cover data mining algorithms including prediction, classification, clustering mechanisms, and association rules, which have all been used to discover and generalize attack patterns so as to develop powerful business solutions for dealing with the threats. Students will also learn various applications of data mining that can be utilised in the real-time detection of threats. The course also provides an opportunity for hands-on experimentation with applying data mining to real-life security problems in the practical workshop with real-world data.

CIS5209 SYSTEMS ANALYSIS FOR IT PROFESSIONALS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Semester 2 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Information Systems not elsewh) Band 2

Enrolment is not permitted in CIS5209 if CIS5200 or CIS5302 has been previously completed.

This course focuses on developing key Business Analysis skills using contemporary methodologies. Requirements analysis, design specification methods and system acquisition are examined. The importance of written and oral communication skills is given due prominence. The course will enable students to experience the systems development lifecycle, agile methods and other contemporary approaches to systems design, as well as a range of tools and techniques. Students will learn about the importance of standards and will apply these in their assessments. Major trends and issues impacting business analysis and design in the business sector are also studied, in particular issues of privacy and security.

CIS5308 MANAGEMENT OF INFORMATION TECHNOLOGY SERVICES (FBELA - PGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

Units 1 (Information Systems not elsewh) Band 2

This course provides business and IT practitioners with the knowledge of service management fundamentals, service value system, management practices and quality management. It addresses practical knowledge of IT service management, good practice frameworks such as the IT Infrastructure Library (ITIL) as well as standards (ISO/IEC 20000) for effective service management in terms of design, transition and operation. The course also introduces the emergent approaches that aim to accelerate and optimise the IT service delivery. Successful completion of this course prepares the participants with the knowledge and skills required to undertake service management roles within the IT and management disciplines.

CIS5309 MANAGEMENT OF BUSINESS NETWORKS AND THE CLOUD (FBELA - PGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

Units 1 (Networks and Communications) Band 2

Enrolment is not permitted in CIS5309 if CIS8009 has been previously completed.

This course covers key issues related to networks and management in the field of data communications and business networks and the Cloud. Topics on enterprise digital infrastructure, using data communications for competitive gain are addressed as well as the role of management in policy and strategy development. Students should acquire sound knowledge in networking standards and protocols, networking architectures, business applications and security and should be able to identify and evaluate networking infrastructure of existing organisations. Critical evaluation of existing networking infrastructure is carried out with the goal of improving and exploiting ensuing business benefits. Exercises are provided on how to accommodate or adapt existing networking infrastructure for new and emerging technology trends. Students should be able to develop network designs that address organisational challenges and opportunities.

CIS5310 IS/ICT PROJECT MANAGEMENT (FBELA - PGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld

Semester 2 (ONL)Toowoomba

Units 1 (Information Systems not elsewh) Band 2

Enrolment is not permitted in CIS5310 if CIS8010 has been previously completed.

The course introduces and reviews IS/ICT project management frameworks and methodologies. Participants will learn about the IS/ICT management frameworks and the ten project management knowledge areas across the project management lifecycle of initiation, planning, executing, controlling and closing. The course will also examine critical aspects of IS/ICT management, security management, team management, ethical considerations, change management and ethical considerations.

CIS6001 TECHNOLOGY ENTREPRENEURSHIP (FBELA - PGRD)

Units 1 (Information Systems not elsewh) Band 2

Enrolment is not permitted in CIS6001 if CIS8001 has been previously completed.

This course provides you with the building blocks to think creatively, to recognise and investigate new opportunities arising from technological innovations, and to effectively employ strategies and techniques to act on these opportunities to develop a new technology venture. Through group and teamwork, and the integration of entrepreneurial theory and practice, students are given the chance to discover and exploit marketable ideas for new technology ventures or enterprises. To this end, you will be introduced to ways of setting up businesses, developing business plans, establishing teams, developing prototypes, and preparing presentations. You will also explore how to develop appropriate social media and marketing approaches to promote their products and services to their target audiences. Upon completion of the course, you will be confident in identifying and addressing the many risks and challenges that come with undertaking a technology venture.

CIS6100 LEADERSHIP IN DIGITAL SERVICES (FBELA - PGRD)

Units 1 (Information Systems not elsewh) Band 2

Enrolment is not permitted in CIS6100 if CIS5308 has been previously completed.

This course will provide you with the knowledge of service value system and service management practices to research, lead and manage digital services for businesses. It provides the fundamental and practical knowledge to create stakeholder value with enterprise service management (ESM) solutions based on the guiding principles of the widely adopted IT industry framework (ITIL). The course also introduces digital strategy and IT governance principles and provides an understanding of how best to manage digital skills of the business workforce, including cultural considerations. Successful completion of this course prepares you to become digitally savvy business leaders who could leverage technologies innovatively and apply them to solve critical business, market and customer challenges. In this course you will collaborate with others in your course to explore and create solutions for specialist and non-specialist audiences. You will also undertake individual research to critically evaluate a relevant issue and prepare a paper to communicate to other stakeholders.

CIS6709 CYBER GOVERNANCE AND LEADERSHIP (FBELA - PGRD)

Units 1 (Information Systems not elsewh) Band 2

Enrolment is not permitted in CIS6709 if CIS8709 has been previously completed.

This course explores the management and leadership of cyber security in teams, organisational strategies and enterprise initiatives. Cyber security function management, effective governance, and executive communication knowledge, skills and practices are developed to enable you to research, contribute to, and continuously improve the executive leadership and governance cyber security function. In this course you will use real world scenarios to identify and solve problems, develop and communicate recommendations for specialist and/or non-specialist audiences.

CIS6714 CYBER RESILIENCE (FBELA - PGRD)

Units 1 (Information Systems not elsewh) Band 2

This course explores key methodologies and practices that should be followed by organisations to achieve cyber resilience. In doing so, the course explores relevant strategies required by organisations to take appropriate and relevant management decisions so that cyber incidents are properly understood and controls are built to resist incidents. Further, to comply with regulatory frameworks, the course introduces you to key cyber security standards and frameworks so that you understand and appreciate the reporting sequences to enable and manage cyber resilience in organisations. The assessment activities in the course are undertaken and completed in a team environment and require all to research, design and present advice on complex issues related to maintaining cyber security and business continuity.

CIS8001 TECHNOLOGY ENTREPRENEURSHIP (FBELA - PGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Information Systems not elsewh) Band 2

Enrolment is not permitted in CIS8001 if CIS8000 has been previously completed.

This course provides students with the building blocks to think creatively, to recognize new opportunities arising from technological innovations, and to effectively employ strategies and techniques to act on these opportunities in order to develop a new venture. Through group and teamwork, and the integration of entrepreneurial theory and practice, students are given the chance to discover and exploit marketable ideas for new ventures or enterprises. To this end, participants will be introduced to ways of setting up businesses, developing business plans, establishing teams, developing prototypes, preparing presentations and financing projects. Students will also discover how to develop appropriate social media and marketing approaches to deliver their products and services to their target audiences. Upon completion of the course students will be more confident in identifying and tackling the many risks and challenges that come with embarking on a new undertaking.

CIS8008 BUSINESS INTELLIGENCE (FBELA - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld

Semester 2 (ONL)Toowoomba

Units 1 (Decision Support Systems) Band 2

This course provides students with a broad investigation of theory, design, implementation and application of business intelligence systems in an organisational context of evidence based decision making for enhanced business performance. Students will analyse and apply data driven decision making, data warehouse, big data architecture and business intelligence tools to support improved decision making in organisations. Students will be assessed on their knowledge and comprehension of the design implementation and use of business intelligence systems and application of data mining and data visualisation tools to help solve real world business problems. The architecture, implementation, and practical use of business intelligence are considered in current and real life contexts.

CIS8011 DIGITAL INNOVATION (FBELA - PGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Information Systems not elsewh) Band 2

This course provides an overview of the theoretical and practical implications of the latest developments in information and communication technologies (ICTs) and provides skills in determining their value to the business model and overall operation. This course helps learners to interpret the implication of the development of culture that encourages innovation, risk taking, and collaborations. Students explore the knowledge, skills, and capabilities of digital innovations in a competitive, global and digital society. A range of topics and technologies are examined, explored and analysed in a business environment. This is done using a number of approaches for researching, analysing and synthesising from sources ranging from learned to trade journals. The learners undertaking this course are required to have access to a learning and teaching environment and resources. NOTE: Learners undertaking this course are required to have the ability to research with an understanding of ethical research practices. Learners are also expected to critically analyse and solve problems arising in complex organisational real-life situations.

CIS8018 CYBER SECURITY (FBELA - PGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Security Science) Band 2

This course provides students with a good grounding in the key components for developing implementing and evaluating an Cyber Security strategy in an organisation. Students will design develop and implement security policy and programs in organisations. Students will be assessed on their understanding on how to conduct Cyber Security planning and develop security policy and plan for the implementation of security programs, models and practices. The importance of risk management through appropriate use of controls, and the role of people, law and ethics is emphasised in the assessments.

CIS8025 BIG DATA VISUALISATION (FBELA - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Information Systems not elsewh) Band 2

Enrolment is not permitted in CIS8025 if CIS8701 has been previously completed.

This course provides students with a sound grounding in data visualisation theory, concepts and design. Students will develop the knowledge and skills to apply best practice principles in the design and implementation of data visualisation applications that utilise big data in ways that inform decision making for organisations. The course requires student to apply fundamental and advanced aspects of data visualisation theory and design principles as well as the methods and techniques for creating user-oriented data visualisation solutions using a data visualisation tool. Students will implement, through a hands-on team project, elements of sound data visualisation design, while developing an appreciation of the ethical considerations and need for strong policy to protect the privacy and security of citizens' data.

CIS8500 APPLIED RESEARCH FOR INFORMATION SYSTEM PROFESSIONALS (FBELA - PGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Information Systems not elsewh) Band 2

Pre-requisite: CIS8001 or CIS8008

This course is designed as an introduction to applied research for information systems professionals. Students cover the fundamentals of research relating to management information systems, and investigate, synthesise and communicate information to inform management information systems decisions. The course is designed to build foundation skills for students to successfully conduct applied information systems research that employs both quantitative and qualitative data analysis methods.

CIS8501 ADVANCED INFORMATION SYSTEMS PROJECT (FBELA - PGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

(ONC)Springfld (ONL)Toowoomba

Units 1 (Information Systems not elsewh) Band 2

Pre-requisite: CIS8500 Co-requisite: CIS8010 or CIS5310

Working in teams, students will analyse the client's business requirements in the context of opportunities and/or problems. Applying high level project management skills within a professional code of conduct, students will design, develop, analyse and appraise potential and feasible solutions to address a client's business problems. Students will report back to the client using high level written and verbal communication skills to bring the project to completion.

CIS8504 BLOCKCHAIN FUNDAMENTALS (FBELA - PGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Information Systems not elsewh) Band 2

Enrolment is not permitted in CIS8504 if CIS8702 has been previously completed.

This course is designed to provide students with the knowledge and insights into the key aspects of blockchain technology and use cases that will serve to provide a solid platform and foundation for developing effective and innovative strategies for their organizations. Integrating both technical and broad perspectives, Blockchain Fundamentals builds a comprehensive survey of the blockchain space that empowers students, entrepreneurs, and developers of all backgrounds. The course aggregates modules that (1) focus on an understanding of the core technological and security aspects, (2) evaluate a range of use cases in the blockchain ecosystem, (3) explore decentralized apps and smart contracts, and (4) consolidate these into developing an innovative use case to solve a real world problem.

CIS8707 CYBER INCIDENT MANAGEMENT AND RESPONSE (FBELA - PGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Information Systems not elsewh) Band 2

Pre-requisite: CSC8100

This course provides students with the knowledge, skills and processes to enact an appropriate response and recovery when a cyber security incident is detected. Principles of planning, detection, response and recovery to current and emerging cyber security threats are explored. Processes for planning, responding, recovering and reporting incidents are covered. Multiple perspectives are considered including technical, business and media impact.

CIS8708 DIGITAL FORENSICS (FBELA - PGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Information Systems not elsewh) Band 2

Pre-requisite: CSC8100 or Students must be enrolled in the following Program: MISIP

This course teaches students the knowledge and skills required to conduct digital forensic investigations. It includes cyber crime motivations, investigation processes, common tools and techniques and digital evidence acquisition and control. Students' activities will include scenario based investigation of cyber security breaches. The course covers conducting investigations on networks, varying end users devices, and digital media types.

CIS8709 CYBER GOVERNANCE AND LEADERSHIP (FBELA - PGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Information Systems not elsewh) Band 2

Pre-requisite: CSC8100

This course explores the management and leadership of cyber security teams, organisational strategies and enterprise initiatives. Cyber security function management, effective governance, and executive communication knowledge, skills and practices are developed to enable students to develop, contribute to, and continuously improve the executive and governance cyber security function.

CIS8710 HUMAN FACTORS IN CYBER SECURITY (FBELA - PGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Information Systems not elsewh) Band 2

Co-requisite: CIS5100

This course introduces students to finding and fixing vulnerabilities, encryption, intrusion detection and managing cyber risks. The application of appropriate work practices that support good cyber security posture in software applications development, systems administration and information system professional areas are reviewed.

CIS8711 CLOUD SECURITY (FBELA - PGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Information Systems not elsewh) Band 2

Pre-requisite: CSC8100 and CIS5100 and Students must be enrolled in the following Program: MCYS; OR Pre-requisite or Co-requisite: CSC6002 and Students must be enrolled in the following Program: MADS

This course provides students with knowledge and best practice principles in securing Cloud based systems, being virtualised computer system environments. It examines key considerations and areas of cyber security relating to securing private, public, hybrid and community cloud environments. It explores a variety of cloud specific considerations in ensuring business continuity and data security.

CIS8712 INFORMATION ASSURANCE AND RISK MANAGEMENT (FBELA - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld

Units 1 (Information Systems not elsewh) Band 2

This course explores identification of information assets, evaluation of cyber security controls and risk management across the spectrum of the cyber security functions. A variety of industry standard risk management frameworks and approaches are reviewed and analysed in order to provide a comprehensive perspective on developing a mature risk management strategy. Information assurance approaches and skills are examined to test and validate the effectiveness and appropriateness of the control environment, and communicate this to organisational and external stakeholders.

CIS8720 CYBER SECURITY PROJECT (FBELA - PGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Units 2 (Information Systems not elsewhere) Band 2

Pre-requisite: CSC8100 and CIS5100

This course requires students to undertake a practical Cyber Security project conducted in an industry (or a comparable) setting with their project area as guided by their academic supervisor(s). Students will discuss the project with the Course Examiner, then along with the supervisory team agree on the exact format of their project, due dates and a schedule of supervision and associated deliverables. It is imperative that students work with an appropriate team of supervisors and obtain their approval and ability to supervise the project prior to the start of the semester of study. As part of this process students should be able to outline a substantial project brief that incorporates significant project issues as well as providing practical experiences relevant to their career development. The project may be either sponsored by the student's employer or independently canvassed by students. The project background work will identify the major issues associated with the project and provide a basis for the conduct of the project. Enrollment for this course is limited and is subject to the availability of a supervisor. This project is normally taken in the final semester of the study.

CIV1500 APPLIED MECHANICS (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld

Semester 2 (ONL)Toowoomba

Units 1 (Structural Engineering) Band 2

Pre-requisite or Co-requisite: ENM1500 or ENM1600

This course integrates mathematical and physics concepts to provide students with introductory mechanics knowledge to prepare them for the course CIV1501 Engineering Statics. Topics included are: length, time, mass, Newton's laws, pressure, stress, moment, torque, work, friction, two dimensional position and force vectors, particle equilibrium, resultant forces, rigid body equilibrium, centroids and second moment of areas.

CIV1501 ENGINEERING STATICS (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba

Semester 3 (ONL)Toowoomba

Units 1 (Structural Engineering) Band 2

Pre-requisite: ENM1600 or (ENM1500 and CIV1500) or Students must be enrolled in one of the following Programs: MEPR or GCEN or GEPR

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

CIV2403 GEOLOGY AND GEOMECHANICS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Geotechnical Engineering) Band 2

Pre-requisite: CIV1501 or CIV1500 or Students must be enrolled in one of the following Programs: MENS or GCEN or GEPR

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

CIV2502 STRUCTURAL AND BUILDING TECHNOLOGY (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba

Units 1 (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 commonly encountered areas of structural engineering and building technology. The course provides a broad overview of current building construction practice, embracing the structural, architectural and building services aspects. There is also a need to convey details via sketches and drawings as a necessary part of achieving a final result in engineering design.

CIV2503 STRUCTURAL DESIGN I (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Structural Engineering) Band 2

Pre-requisite: (ENG1100 and MEC2402) or (ENG1100 and CIV1501 for students enrolled in one of the following: BETC Infrastructure Management major or BENS Infrastructure Management Engineering major) or Students must be enrolled in: GCEN or GEPR

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

CIV2605 CONSTRUCTION ENGINEERING (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Construction Engineering) Band 2

The construction sector is a major part of the civil engineering, mining engineering and building industries. Construction projects range in size from the small (such as the construction of a swimming pool or a subdivision cul-de-sac) to the very large (such as the construction of a hydroelectric power scheme, a freeway system or a mine). However, all projects share the common factors of utilising workers, machines and materials, and of requiring organisation and control. The graduate civil or mining engineer must, therefore, be familiar with the range of construction equipment and techniques in common use, and must be able to plan and direct construction works. The course covers the areas of construction techniques, construction management and construction materials, with particular focus on concrete technology.

CIV2701 ROAD DESIGN AND LOCATION (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Transport Engineering) Band 2

Pre-requisite: ENM1500 or ENM1600 or Students must be enrolled in one of the following Programs: GCST or GDST or GCEN or GEPR

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

CIV2702 MUNICIPAL SERVICES (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

Units 1 (Transport Engineering) Band 2

Pre-requisite: ENV2103 or ENV1101

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

CIV2901 GEOLOGY AND GEOMECHANICS PRACTICE (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (EXT)Toowoomba (ONC)Springfld (ONC)Toowoomba (EXT)Toowoomba

Semester 3 (EXT)Toowoomba (EXT)Toowoomba

Units 0 (Geotechnical Engineering) Band 2

Pre-requisite or Co-requisite: ENG1901 and CIV2403

The course includes practice modules covering aspects of Geology and Geomechanics. Practice requirements for each module include laboratory work in a team environment, field excursions and the preparation of individual reports on these practice activities. The geological field excursion provides the student with specialised instruction on the identification and the engineering significance of geological features. Students will be required to carry out soil tests to Australian standards to gauge various engineering properties of soils. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students.

CIV3403 GEOTECHNICAL ENGINEERING (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Units 1 (Geotechnical Engineering) Band 2

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

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

CIV3603 CONSTRUCTION METHODS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Construction Engineering) Band 2

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

CIV3703 TRANSPORT ENGINEERING (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

Units 1 (Transport Engineering) Band 2

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

CIV3906 CIVIL MATERIALS PRACTICE (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba

Semester 3 (EXT)Toowoomba (EXT)Toowoomba

Units 0 (Transport Engineering) Band 2

Pre-requisite: MEC1201 and ENG1901 or Students must be enrolled in one of the following programs: ADCN or BCEN or BCNH

This course will involve the student in an investigation of the range of materials commonly used in civil engineering. The characterisation of materials and the need for material parameters for design will be considered. The student will test a range of materials in the laboratory to establish material properties. Presentation and interpretation of test results will also form an important part of the course. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students.

CIV3907 CIVIL SYSTEMS PRACTICE (FHESC - UGRD)

Semester 3 (EXT)Toowoomba (EXT)Toowoomba

Units 0 (Structural Engineering) Band 2

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

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

CIV4505 STRUCTURAL ANALYSIS (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Structural Engineering) Band 2

Pre-requisite: MEC2402 and (MAT1502 or ENM1600 or MAT1102) or Students must be enrolled in one of the following Programs: GCEN or METC or MEPR or GCNS or GDNS or MENS or GEPR

This subject is intended to provide students with a thorough understanding of how to analyse simple structures such as trusses, cables, arches, beams and frames, and complex structures involving plane stress, plane strain, plate bending and axisymmetric problems. Classical methods of analysis provide means of checking computer generated outputs. The course materials in this subject are presented starting with classical methods and then gradually leading up to the stiffness method and the more general finite element method. Students are introduced to structural analysis software packages.

CIV4506 CONCRETE STRUCTURES (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Structural Engineering) Band 2

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

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

CIV4508 STRUCTURAL DESIGN II (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Structural Engineering) Band 2

Pre-requisite: (CIV3505 or CIV4505) and (CIV3506 or CIV4506) or Students must be enrolled in one of the following Programs: GCEN or METC or MEPR or GCNS or GDNS or MENS

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

CIV4803 MECHANICS AND TECHNOLOGY OF FIBRE COMPOSITES (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Structural Engineering) Band 2

Pre-requisite: CIV3506 or CIV4506 or (MEC2402 and MEC3203)

This course provides knowledge and theory on the governing principles of fibre composite materials and structures, characterization, performance and other technical aspects relating to the design and use of fibre composites in various engineering applications.

CIV4908 CIVIL DESIGN PRACTICE (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba

Semester 2 (EXT)Toowoomba (EXT)Toowoomba

Units 0 (Structural Engineering) Band 2

Co-requisite: CIV4508 or Students must be enrolled in the following Program: MEPR or MENS

In this course students will work in groups, each group constituting an engineering design team. The design teams will work on a multi-faceted design brief which describes client requirements and design objectives. The brief will require all students to draw on, use and integrate the skills, knowledge and competencies gained during their study programs. Design teams will present optimised design outcomes to the client team and other design groups in a short presentation, and will submit a written design report to the client prior to presentation. This course contains a mandatory residential school.

CIV5403 ADVANCED GEOTECHNICAL ENGINEERING (FHESC - PGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Geotechnical Engineering) Band 2

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

Advanced Geotechnical Engineering is concerned with the stability analysis and design of soil structures. Topics covered in this course include soil shear strength, slope stability analysis, retaining wall analysis, sheet pile wall, shallow foundations, and pile foundations.

CIV5704 ROAD AND STREET ENGINEERING (FHESC - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (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 is concentrated in traffic flow theory; traffic incident analysis; traffic data collection and analysis; design, control and analysis of signalised intersection; evaluation of performance and level of service, introduction to the public transportation system, and strategies for transportation system management.

CIV5705 PAVEMENT DESIGN AND ANALYSIS (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Transport Engineering) Band 2

Pre-requisite: CIV3703 or Students must be enrolled in one of the following Programs: GCNS or GDNS or MENS or PGCN or GCNE or MEPR

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, mechanistic pavement design, pavement evaluation and pavement maintenance.

CIV6802 ADVANCED PRESTRESSED CONCRETE (FHESC - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Structural Engineering) Band 2

Prestressed concrete is used extensively in bridges, multistorey buildings and many other important parts of today's modern infrastructure. The inherent weakness of concrete in tension is offset by introducing a pre-compression in a prestressed member, which improves its service load behaviour, such as reduced deflections and cracking. An advanced understanding of its behaviour is essential before safe and economical designs can be produced. This course will provide a detailed coverage of: The behaviour of prestressed concrete, analysis and design for strength and serviceability of prestressed concrete members, such as beams and slabs including continuous members, and anchorage design and losses in prestress. It will also cover the recent advances in prestressed technology including external post-tensioning, use of fibre reinforced plastics in prestressing and improvement in the durability of prestressed concrete structures.

CIV6803 ADVANCED MECHANICS AND TECHNOLOGY OF FIBRE COMPOSITES (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Structural Engineering) Band 2

Pre-requisite: CIV3506 or MEC3203 or Students must be enrolled in one of the following Programs: PGCN or MEPR or GCNS or GDNS or MENS

This course provides students with advanced knowledge of the governing principles of composites, characterization, performance and other technical aspects of practical importance relating to the design and use of fibre composites in various engineering applications.

CIV8801 CODE-BASED STRUCTURAL DESIGN (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Structural Engineering) Band 2

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

CIV8804 ADVANCED DESIGN PRACTICE USING FINITE ELEMENT ANALYSIS (FHESC - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Structural Engineering) Band 2

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

CLI1110 WEATHER AND CLIMATE (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Atmospheric Sciences) Band 2

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

CLI2201 CLIMATE CHANGE AND VARIABILITY (FHESC - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Atmospheric Sciences) Band 2

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

CLI3301 CLIMATE AND ENVIRONMENT RISK ASSESSMENT (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Atmospheric Sciences) Band 2

The impacts to socio-ecological systems arising from environmental changes, climate variability and extreme weather events are multifaceted and interconnected. Changes to environmental systems can result in substantial impacts for socio-cultural systems, and vice versa, manifesting in complex ways at variable temporal and spatial scales. This recognition of interconnectedness (SES systems theory) forms the basis for the course. This is a course that critically examines the impact of climate, and provides tools that enable students to assess risks to the natural and built environment and introduces students to the vulnerability of a range of ecosystem types and services. As an online course, access to the internet is required.

CLI3302 ADAPTATION TO CLIMATE CHANGE (FHESC - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Atmospheric Sciences) Band 2

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

CLI8001 CLIMATE RISK (FHESC - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Atmospheric Sciences) Band 2

Global agriculture and food production systems are impacted by significant variability in climate on many temporal and spatial scales. This course will commence with a review of the science of climate change, methods of projecting future climate trends, and the many phenomena that drive climate and weather. The ways in which climate science has been incorporated into agribusiness planning and agricultural production cycles will also be presented. Current autonomous and planned adaptation practices and possible response strategies to future climatic impacts will be discussed in regard to food production.

CLI8002 CLIMATE, HUMAN AND ENVIRONMENTAL HEALTH AND DISASTER MANAGEMENT (FHESC - PGRD)

Semester 1 (ONL)Toowoomba
Units 2 (Environmental Studies not else) Band 2

The course is contextualised within a planetary health framework. Students will gain knowledge of the variability of the climate system and the potential exposure pathways that lead to human health impacts. Global and local hazards, impacts and response strategies are studied.

CLI8003 CLIMATE, FOOD, WATER AND ENERGY SECURITY (FHESC - PGRD)

Semester 2 (ONL)Toowoomba
Units 2 (Environmental Studies not else) Band 2

This course reviews the climate services provided by the applied climate sciences to manage the risks and benefits in the food, water and energy sector impacted by climate change, climate variability, and extreme weather events. The content of this course is delivered by world leading scientists working in the applied climate sciences and contributing to the rapidly expanding field of the climate services industry. The course will introduce the tools, models, and data in use and will highlight applications of these to manage the risks and benefits in regional and global food and water depending industries. This is a research-enabling course. Students complete directed activities enabling them to apply their knowledge in conducting climate system analyses and future research projects with focus on the food, water and energy sector.

CLI8204 GLOBAL ENVIRONMENTAL SYSTEMS (FHESC - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Atmospheric Sciences) Band 2

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

CLI8205 CLIMATE AND SUSTAINABILITY (FHESC - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Atmospheric Sciences) Band 2

This course is focused on climate resilient development, the sustainable development goals and policy communicating international, and national climate change agreements. It reviews processes such as the Framework Convention on Climate Change (FCCC) leading to the Paris Agreement, Agenda 2030, and the Intergovernmental Panel on Climate Change (IPCC) providing contemporary, multidisciplinary perspectives of progress towards a more equitable, and sustainable future.

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

Semester 1 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba
Units 1 (Building Construction Management) Band 2

Construction industry occupies a vital place in the built environment and the larger society. This course introduces students to the roles of the construction industry, as well as types and nature of construction projects. In addition, students will have a broad understanding of professionalism, management of project stakeholders and how to deal with risks and uncertainties in the different phases and stages of project development processes. Assessments items include testing students' problem-solving skills and technical communication.

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

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Building not elsewhere classif) Band 2
Pre-requisite: CMG1001

Residential Construction - methods, materials and management course is provided 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 several videos on mainly Australian residential construction projects.

CMG2001 JOB ORGANISATION (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Building Construction Management) Band 2

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

CMG2002 COST MANAGEMENT: ESTIMATING, MEASUREMENT AND COST CONTROL (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Building Construction Economic) Band 2
Pre-requisite: CMG1001 and ENG1100

This course introduces students to measurement processes, and to pricing of quantities, using industry standards for measuring building and civil quantities. In addition, students will be introduced to standard computer programs which are available to assist with quantity measurement and costing.

CMG2003 CONSTRUCTION PRODUCTION MANAGEMENT (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONL)Toowoomba (ONC)Springfld
Units 1 (Building Construction Management) Band 2
Pre-requisite: CMG1002

The aim of this course is to provide a broad understanding of on-site production operations in construction projects. Students will learn about contract formation, construction methods, method statements, method-specific costing, team management, project transformation, work scheduling, subcontractor management, productivity enhancement and lean construction. In addition, in this course, students will also learn about on-site quality, safety and digital tools in relation to production management.

CMG3001 BUILDING AND CONSTRUCTION PROCUREMENT (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba
Units 1 (Construction Engineering) Band 2
Pre-requisite: CMG1001 and CMG2001

This course seeks to develop students' skills in relation to procurement methods used in construction projects. Students will learn about processes and how to deal with risks involved in procurement. They will also demonstrate basic understanding and proficiency with contract law, construction management, quantity measurement and construction estimating - these are knowledge areas covered in other courses.

CMG3002 CONTRACT ADMINISTRATION (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba
Units 1 (Building Construction Management) Band 2
Pre-requisite: LAW1101 or LAW1500

This course aims to provide students with the basic principles and practice of contract administration for building construction projects in accordance with the conditions of contract. Common industry standard form contracts are presented including the principles and practice for administration of a construction contract. In particular, conditions of contract, role and responsibilities of parties to the contract, variations to the contract, adjustment to the contract, delays, defects, practical completion of the works and dispute resolution procedures are covered.

CMG3003 BUILDING SERVICES: METHODS, MATERIALS AND MANAGEMENT (FHESC - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Building not elsewhere classif) Band 2

Pre-requisite: CMG1001 and CIV2502 or Students must be enrolled in the following Program: MEPR

This course will cover knowledge related to reticulated services - water, power, gas, sewerage, telecom/data, drainage, vertical transportation (lifts and escalators), HVAC, BMS, lighting-acoustics, thermal performance, comfort conditions, indoor air quality, including design and installation principles. In doing so, the course will cover single buildings, multiple tenancy buildings, high-rise buildings, and residential sub-division development. Additionally, both the materials used and management strategies adopted will be covered.

CMG4002 INTEGRATED CONSTRUCTION MANAGEMENT (FHESC - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Building Construction Management) Band 2
Pre-requisite: CMG2003 and CMG3002

The aim of this course is to provide an in-depth understanding of procedures and processes adopted to manage construction business operations including project and production management operations in an integrated manner to improve the planning and control, performance and predictability, productivity and buildability of construction to achieve project success, facilitated by the use of computer software and building information modelling. The importance of teamwork, meetings, communication, and collaborative work arrangements will also be explored for achieving project success including the use of advanced procurement techniques.

CMG4003 COMMERCIAL CONSTRUCTION (FHESC - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Building not elsewhere classif) Band 2

Pre-requisite: CMG2003 and CMG3001 or Students must be enrolled in the following Program: GCEN

This course aims to provide the graduate construction professionals an understanding of commercial construction management processes, techniques and systems. This course also seeks to provide information and knowledge that will assist the professional in evaluating and proposing alternative construction systems that may benefit the project outcome.

CMG4901 CONSTRUCTION MANAGEMENT PRACTICE (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba
Units 0 (Structural Engineering) Band 2
Pre-requisite: CMG4001 or CMG4003

This course examines construction project management and focuses on the functional, managerial and business issues impacting the nature of a problem and the problem solving approaches to address project performance and management. Students will work together as part of a team on tasks exploring a wide range of construction project management and performance topics. These include: . Project scope development . Analysis of project alternatives from a business point of view . Identifying and assessing performance criteria . The role of teamwork and decision making in formulating and pursuing achievable strategies . The impact of proper planning on organisational and project performance . Apply construction and project management theory and knowledge areas to a real world situation Each team will take on the roles required to complete the tasks and undertake an oral and written presentation to a professional standard and project report to the client that will address the relevant issues. This course contains a mandatory residential school.

CMS1000 COMMUNICATION AND SCHOLARSHIP (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

Enrolment is not permitted in CMS1000 if MGT1200 has been previously completed.

This course presents an introduction to 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 strategies which can be used to overcome these barriers. Verbal and nonverbal 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.

CMS1010 INTRODUCTION TO COMMUNICATION STUDIES (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

This course is a foundation course in Communication Studies. It introduces students to the study of a broad range of communication texts, forms and systems. Students will apply major approaches to textual and discourse analysis and develop 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 Communications minor.

CMS1100 COMMUNICATING IN THE SCIENCES (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

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

CMS2008 SUBJECTIVITIES, THE SELF AND COMMUNICATION (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

This course examines the relationship between communication and identity formation. With specific attention given to popular cultural texts, including social media, film and music, students will explore how communication and media representations shape conceptions of the Self in contemporary social contexts. With a specific focus on current approaches in communication, media and cultural studies scholarship for considering identity and the Self through popular culture, this course will equip students with analytic skills for understanding the ways identities are framed and formulated via popular culture.

CMS2009 CELEBRITY AND SOCIETY (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

This course examines the emergence, prevalence and social effects of celebrity. Using contemporary popular culture as a frame of reference, celebrity will be considered according to the cultural and political economy of celebrity and the media industries that promulgate interest in fame and stardom. Focusing specifically on the formations of the celebrity figure, the media industries that provide a context for understanding celebrity and the function of celebrity as commodity, this course will provide a survey of celebrity cultures and contemporary popular mass media.

CMS3008 COMMUNICATION AND MEDIA INDUSTRIES (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

This course will equip students with a comprehensive knowledge of the history and ongoing prevalence of a selected communications, media or cultural industry. Using an approach based on exploring the history and contemporary placement of the selected communications, media or cultural industry, students will chart the economics, professional dimensions, and industry dynamics of the selected industry as a site of employment and professional practice.

COU8006 GROUP COUNSELLING PROCESS AND PRACTICE (FHESC - PGRD)

Semester 1 (EXT)Toowoomba

Units 1 (Counselling) Band 10

Pre-requisite: Students must be enrolled in one of the following Programs: GCCO or GDCN or MCCO or PDEV or GCHH or GDHH or MOHH

Successful psychoeducational, counselling and supervision groups are led by facilitators who have developed competencies in planning, listening, observing, and responding to group dynamics and process, and leading interventions. This course equips students with an understanding of the theoretical bases for group work and provides opportunity for students to learn about the process of different types of groups from beginning to end. In the first group of topics, the focus is on understanding the theory of group work, understanding the role of the group leader/s, and exploring ethical and legal issues in group counselling. The focus then shifts to understanding the group process. Finally, the course focuses on the application of group work in various settings. This course contains a mandatory four-day residential school (30 hours) and 10 hours of mandatory online synchronous workshops, as per the program accreditation agreement between UniSQ and Counselling accreditation bodies. Non-compliance with this attendance requirement will result in the student not being able to pass the course.

COU8011 ASSESSMENT FOR SUBSTANCE MISUSE (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Psychology) Band 8

Pre-requisite: Students must be enrolled in one of the following Programs: GCAD or GDCN or MPPS or GCCO or MCCO

As for other courses in the alcohol and drug studies specialisation this course is divided into three parts. The first part concerns principles of assessment, and includes an overview of psychometrics and some of the technical limits that may arise when working with a substance using population. The second part focuses on the core skills of assessment, in terms of how to assess individual patterns of substance use, assessment for predisposing biological factors and precipitating psychosocial factors, assessment for co-morbid mental health problems, risk assessment for suicide, and assessment for change readiness as a foundation for treatment planning. Students are introduced to a range of assessment methods and tools, and guided through the process of critiquing the efficacy of each in their practice settings with respect to various client presentations. The final component 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 components are completed on an ongoing basis and link to the major assignment, an assessable skills demonstration.

COU8012 MOTIVATIONAL INTERVIEWING (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Psychology) Band 8

Pre-requisite: Students must be enrolled in one of the following Programs: GCAD or GDCN or MPPS or GCCO or MCCO

This course is divided into three parts. The first part concerns foundation principles of motivational interviewing, and includes exploring the underlying spirit of motivational interviewing and core counselling skills required, such as using open questions and reflections. The second part of the course focuses on the four processes in the 'dance' of motivational interviewing, in which you engage the client, find a direction for your work together, evoke reasons for change, and then move into 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 assessable skills task at the end of semester.

COU8013 INTRODUCTION TO PSYCHOACTIVE DRUGS (FHESC - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Psychology) Band 8

Pre-requisite: Students must be enrolled in one of the following Programs: GCAD or GDCN or MPPS or GCCO or MCCO

This course focuses primarily on acquisition of foundation knowledge and is divided into three parts. The first part, Modules 1 and 2, concern the evolution and current status of drug classification systems, as well as information about the psychophysiology of drug addiction. The second part, Modules 3 to 9, focuses on specific classes of drugs, including stimulants, depressants, and alcohol, and covers all of the common and emergent forms of substance misuse. Students are guided through readings and activities to develop their core knowledge of drug classes, the effects of each drug type, including physical, psychological, and teratogenic risks, and the rehabilitative potential for each. The final aspect of the course, Module 10, pertains to ethics and cultural factors as a foundation for professional practice. The course is presented in a structured 10-module format, and assessed via a series of online quizzes and a major written assignment addressing a discipline-specific or practice-relevant topic.

COU8014 RELAPSE PREVENTION (FHESC - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Psychology) Band 8

Pre-requisite: Students must be enrolled in one of the following Programs: GCAD or GDCN or MPPS or GCCO or MCCO

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 focuses on knowledge of the situational risk factors and cognitive distortions that maintain health compromising behaviours. Students are guided through several readings and practical activities to assist development of skills for identification of cognitive distortions. This component also includes a range of strategies for responding to client lapses and relapse, both for short to medium term management, and for longer term maintenance of resilience to relapse risk. The final module addresses 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.

COU8021 COUPLE AND FAMILY COUNSELLING (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Counselling) Band 10

Pre-requisite: Students must be enrolled in one of the following Programs: GCCO or GDCN or MCCO or PDEV or GCHH or GDHH or MOHH

The course will explore the application of interventions with couples and families particularly. The use of particular types of couple and family therapies will be explored, as well as an eclectic approach that provides specific interventions for relationship issues. Practical strategies and therapeutic processes relevant to the client group will be presented, as well as specific ethical and professional considerations when working with this population.

COU8022 CHILD AND YOUTH COUNSELLING (FHESC - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Counselling) Band 10

Pre-requisite: Students must be enrolled in one of the following Programs: GCCO or GDCN or MCCO or PDEV or GCHH or GDHH or MOHH

The course will expand upon notions of counselling theories and practice to explore the application of interventions with children and youth particularly. Developmental considerations, ethical and professional issues, core therapeutic processes relevant to the age and development of child and adolescent clients, and evidence-based and practice-based counselling interventions for this age group will be presented. The use of particular types of therapies with social, emotional and behavioural concerns common to this age group (e.g., anxiety) will be explored.

COU8031 CONTEXTS OF MENTAL HEALTH COUNSELLING (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Counselling) Band 10

Pre-requisite: Students must be enrolled in one of the following Programs: GCCO or GDCN or MCCO or PDEV or GCHH or GDHH or MOHH

This course aims to contextualise mental health practice in historical and geographic terms. It introduces students to the theories, legislation, policies and standards that underpin mental health practice in Australia. Students will also gain an understanding of the rights of mental health consumers and their carers, and how to optimise the participation of consumers in the services developed for their care and support. This course seeks to assist counselling practitioners wanting to work in the mental health sector, by developing their knowledge and understanding of the factors that govern the scope of practice of mental health professionals. Students will examine their professional role within the context of transdisciplinary practice and current service delivery models and the evidence that supports such an approach.

COU8032 MENTAL HEALTH PRACTICE 1 (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Counselling) Band 10

Pre-requisite: Students must be enrolled in one of the following Programs: GCCO or GDCN or MCCO or PDEV or GCHH or GDHH or MOHH

The course focuses on the essential issues and skills that underpin mental health counselling practices in Australia. Students will develop knowledge of the key ethical, professional, and legal issues in mental health practice in Australia, the principles and practice of culturally sensitive, evidence-based mental health counselling and assessment, the major mental health classification and diagnostic systems, case formulation, collaborative treatment planning, treatment and outcome evaluation, and the general principles and practice of case management.

COU8033 MENTAL HEALTH PRACTICE 2 (FHESC - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Counselling) Band 10

Pre-requisite: Students must be enrolled in one of the following Programs: GCCO or GDCN or MCCO or PDEV or GCHH or GDHH or MOHH

This course aims to build an advanced knowledge of psychopathology and mental health conditions in the context of the lifespan. It will also help students to gain expert knowledge of treatment of these psychological disorders. Students will learn about psychopharmacology and the medical approach to treatment of mental health conditions. They will also gain a thorough understanding of the methodologies and application of major counselling approaches. This course assists counselling practitioners to obtain professional knowledge of evidence-based counselling approaches and to develop and formulate an integrative approach in counselling. It will also help counsellors to gain a clear understanding of their role and responsibilities in relation to clients as well as to raise awareness of human diversity including culture, gender, sexual identity, sexual orientation, age, ability, class, religion and ethnicity.

COU8040 COUNSELLING CAPSTONE PROJECT (FHESC - PGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 2 (Counselling) Band 10
Pre-requisite or Co-requisite: HSC8050

This course provides counselling students with the opportunity to pursue an area of research related to counselling. This will typically involve an in-depth investigation of a specific counselling related topic in the form of a structured literature review. Students will be provided with research supervision from the course examiner to execute this project. Students will also be asked to evaluate the implications of research for their future practice.

COU8050 MASTERS COUNSELLING PRACTICUM (FHESC - PGRD)

Semester 1 (EXT)Toowoomba
Semester 2 (EXT)Toowoomba
Units 2 (Counselling) Band 10

Pre-requisite: COU8101 and COU8102 and COU8103 and COU8104 or equivalent. Students must be enrolled in the following Program: MCCO

This counselling practicum provides opportunities for students to develop professional and clinical skills within a supervised agency setting. The field experience, professional development, and assessments are designed to integrate theory with practice, and prepare students for real world practice and towards membership in professional counselling associations. Students will develop a range of counselling, professional, and organisational skills.

COU8101 COUNSELLING SKILLS AND APPLICATIONS (FHESC - PGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Counselling) Band 10

Pre-requisite: Students must be enrolled in one of the following Programs: GCCO or GDCN or MCCO or PDEV or GCHH or GDHH or MOHH or MNSG or GDNG or GCNG

This course provides students with a thorough understanding of counselling processes and practices. It includes a specific focus on practical skills, based on counselling theory. Students will also develop their ability to plan, structure, and manage a counselling session, including attention to ethical and contextual issues affecting the client and therapeutic process. Because there is a concomitant focus on the nexus between the therapist as a person and a professional, the course also emphasises introspection, reflective practice, and professional learning and growth. This course contains a mandatory four-day residential school (30 hours) and 10 hours of mandatory online synchronous workshops, as per the program accreditation agreement between UniSQ and Counselling accreditation bodies. Non-compliance with this attendance requirement will result in the student not being able to pass the course.

COU8102 PROFESSIONAL COUNSELLING PRACTICE, IDENTITY AND ETHICS (FHESC - PGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Counselling) Band 10

Pre-requisite: Students must be enrolled in one of the following Programs: GCCO or GDCN or MCCO or PDEV or GCHH or GDHH or MOHH

This course includes a focus on ethics and the application of counselling ethics codes. The course will provide opportunities for students to examine legislation including anti-discrimination, privacy, child protection, disability/racial/sex discrimination, and mental health, all of which interact with counselling practice. In addition, students will develop knowledge and competence regarding the legal and procedural aspects of client or patient management, including intake, record-keeping, managing informed consent, risk assessment and management, and ethical decision making. Clinical supervision will be included as a topic, as well as reflective practice skills to ensure independent self-care and essential learning and development. This course contains a mandatory four-day residential school (30 hours) and 10 hours of mandatory online synchronous workshops, as per the program accreditation agreement between UniSQ and Counselling accreditation bodies. Non-compliance with this attendance requirement will result in the student not being able to pass the course.

COU8103 COUNSELLING ISSUES AND CONTEXTS (FHESC - PGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Counselling) Band 10

Pre-requisite: Students must be enrolled in one of the following Programs: GCCO or GDCN or MCCO or PDEV or GCHH or GDHH or MOHH or MNSG or GDNG or GCNG

The course introduces students to transtheoretical notions of change and resistance. It introduces different client groups that require counsellors to demonstrate sensitivity to diverse experiences. It then introduces students to a range of formats and configurations whereby counselling is delivered. Its final part is surveying commonly presenting issues in counselling, their features, assessment, and treatment. This course contains a mandatory four-day residential school (30 hours) and 10 hours of mandatory online synchronous workshops, as per the program accreditation agreement between UniSQ and Counselling accreditation bodies. Non-compliance with this attendance requirement will result in the student not being able to pass the course.

COU8104 COUNSELLING FRAMEWORKS (FHESC - PGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Counselling) Band 10

Pre-requisite: Students must be enrolled in one of the following Programs: GCCO or GDCN or MCCO or PDEV or GCHH or GDHH or MOHH or MNSG or GDNG or GCNG

This course introduces to students the common factors of successful counselling. Students are introduced to the major counselling theories available and will identify and justify their own approach to developing a framework of practice. This course contains a mandatory four-day residential school (30 hours) and 10 hours of mandatory online synchronous workshops, as per the program accreditation agreement between UniSQ and Counselling accreditation bodies. Non-compliance with this attendance requirement will result in the student not being able to pass the course.

CRI1111 CRIMINOLOGY (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba

Semester 2 (ONC)Ipswich (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich

Units 1 (Criminology) Band 1B

Enrolment is not permitted in CRI1111 if LAW3471 has been previously completed.

The course introduces students to the study of crime and criminology with a primary focus on the main theories that inform the discipline of criminology. It considers definitions of crime and examines some theoretical explanations for criminal behaviour. The course also covers a number of key theories in criminology, their development over time, and their application to contemporary examples. Also incorporated into the course is an exploration of different types of crime and how they are defined, including an examination of how they are measured and understood.

CRI1121 CRIME AND JUSTICE (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfield (ONC)Toowoomba (ONC)Springfield (ONC)Toowoomba
Units 1 (Criminology) Band 1B

Part one of this course introduces students to the key 'what?', 'where?', 'who?' and 'how?' questions associated with crime. Beginning with an examination of what constitutes crime, students will learn about the complementary and competing definitions of crime, as well as the overarching importance for the study of crime. Different types of crime are then examined in connection with where crime typically occurs, who is deemed responsible for the majority of crimes committed, and how crime is both portrayed by the media and perceived by the general public. Part two builds on students' knowledge of these key questions, with further examination of the current responses to crime, within the Australian context. Responses to crime encompass formal mechanisms in the form of the criminal justice system, informal mechanisms via community-based responses, as well as the inherent challenges present in responding to and preventing crime.

CRI1122 RACE, DIVERSITY, CRIME AND JUSTICE (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Criminology) Band 1B

In a number of countries throughout the world, racial and ethnic minorities are overrepresented among the victims and perpetrators of crime. They are also more likely than members of corresponding majority populations to be arrested, detained, convicted, and receive harsher sentences. They are also less likely to utilise the criminal justice system as a complainant. The course will explore the context and some of the challenges associated with racial and ethnic minorities in connection with crime and criminal justice through a comparative perspective. This course aims to describe these patterns of overrepresentation and to challenge students to critically evaluate some of the major perceptions and explanations.

CRI1123 PUNISHMENT AND REFORM (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Criminology) Band 1B

Punishing offenders is one of the central operations of the criminal justice system and is expected by the public to be carried out dutifully. But why do we punish those who violate the law? Is punishment effective in what it aims to achieve? Are there other alternatives for dealing with offenders apart from the traditional punishment responses? Should the death penalty be re-introduced in Australia? These questions and others will be explored throughout the course to encourage students to think critically about punishment in the context of how current Australian penal policies set about achieving the aims and objectives of punishment. This course is suitable for students who are interested in a career in the criminal justice system, policy development, public service, social justice or social welfare.

CRI2111 CRIME, JUSTICE AND THE MEDIA (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Criminology) Band 1B

Crime and the media share a relationship that is both complex and inter-influential. On the one hand crime, in all its various forms, in spires and influences both factual and fictional depictions of crime within society. On the other hand, modern media platforms have given rise to crimes being perpetrated in new and innovative ways. Together, the use of media to represent, as well as perpetrate crime, has the greatest influence on people's perceptions of crime salience, and the extent to which people fear crime. In this course, students will be introduced to theoretical perspectives applied to explain the connection between crime and the media, and the tendency for the media to sensationalise crime. The portrayal of particular crime types and particular offender types as described in criminological literature as moral panics and folk devils will also be examined, along with media constructions of the 'deserving' or 'undeserving' victim. Connected intricately to crime, criminals, victims is the criminal justice system. As a formal agency that exists to prevent, detect, and respond to crime and criminals, media representations of the criminal justice system form a key component to students' learning throughout this course.

CRI2122 POLICE AND SOCIETY (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Criminology) Band 1B

As gatekeepers to the criminal justice system, the police fulfil a crucial role in exercising their discretion to determine who enters the criminal justice system and who does not. To understand the way in which the police function, students commence their studies of policing in Australia with an overview of policing in an historical context and its development over time. Throughout the course students learn about styles and structures of policing, police use of discretionary powers, various policing roles, policing vulnerable and minority groups, and policing within the local and global context. Abuses of discretionary powers and other challenges associated with policing is also examined along with accountability measures in place to mitigate these abuses and challenges.

CR12213 YOUTH, DEVIANCE AND JUVENILE JUSTICE (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Criminology) Band 1B

Adolescence is a time of great change and development during a person's life. Also, during the adolescent years is when the rate of deviant and offending behaviour peaks. This course introduces students to theoretical explanations around why offending behaviour is most problematic amongst juveniles. The history of juvenile justice and the institutes in place to provide justice services to young offenders, as well as the various justice models that guide these responses is also examined. Students will learn that dealing with young offenders requires a number of special considerations. For example, the socio-demographic characteristics of young people such as socio-economic status, Indigeneity, ethnicity, and gender lead to differential ways that young people are dealt with and processed through the juvenile justice system. These social dynamics are examined during this course as well as the juvenile justice system's responses to young people who offend, the challenges associated with those responses, punishment of young offenders and alternative responses that emphasise rehabilitation.

CR12221 UNDERSTANDING THE SOCIAL SCIENCES (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Criminology) Band 1B

Every day we are presented with or exposed to research findings of some kind. It features in news media, political campaigns, marketing schemes, and scholarly articles, to name a few. Making sense of research and understanding how it contributes to the development of policy and practice is essential for any budding researcher, practitioner or student. This course adopts an interactive and practical approach to introduce students to different types of research, research methods, analysis, reporting, and ethical considerations. Students will also examine why this is central to assessing the value of research. This course has been designed to provide students with an interactive learning experience to consolidate the theoretical and conceptual principles being taught, through practical application in a criminological interest research project.

CR12222 VICTIMOLOGY IN CONTEXT (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Criminology) Band 1B

Victimology in context introduces students to the concept of victim and theories of victimisation that seek to provide explanations accounting for why some people are at greater risk of being victimised than others. Students will examine victimisation across varying contexts and in association with particular vulnerabilities, such as: gender, relationships, and domestic violence; age, child abuse, and elder abuse; race, hate, and racially motivated crime; disadvantage, human trafficking and slavery; and socio-demographics and bullying. Responses to victims are also examined with an emphasis on how the factors unique to each type of victimisation experience as well as the impacts of victimisation are a central consideration to developing appropriate responses to victims. Students will consider key cases illustrating various examples of victimisation and the representation of victims in both the media and the criminal justice system. Throughout this course and built into the assessment schedule, students will have the opportunity to develop communication, reflective evaluation and critical thinking skills.

CR13311 INVESTIGATING CRIME (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Criminology) Band 1B

This course aims to equip students with a range of investigative skills useful for the collection, preservation and presentation of evidence. Concepts relating to types of evidence such as material evidence, circumstantial evidence and witness testimony will be presented to students, along with the various ways to extract this evidence in the context of a criminal event. Students will have the opportunity to develop theoretical knowledge that underpins investigative practices, as well as practical skills by way of applying investigative techniques to decode a crime scene.

CR13312 GREEN CRIMINOLOGY (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfield
Units 1 (Criminology) Band 1B

Green criminology is the social scientific study of environmental harm and 'crimes against nature'. Criminological studies of environmental harm and/or crime consider the source of environmental harm, the consequences of environmental harm in both the short and long term and the impact of environmental harm on humans, animals and the ecological system. Environmental harm and/or crime is generally associated with profit-driven practices carried out by large corporations. For this reason, green criminology is regarded as a white-collar crime concern. In this course, students will be introduced to the study of green criminology and its application within the context of environmental harm, climate change, animal abuse, biodiversity, waste, and environmental victims. Laws governing environmental use and misuse will also be examined, along with environmental forensic studies and criminal justice responses.

CR13321 CRIMINAL MINDS: FORENSIC AND CRIMINAL PSYCHOLOGY (FBELA - UGRD)

Semester 2 (ONC)Springfield (ONC)Springfield (ONL)Toowoomba
Units 1 (Criminology) Band 1B

Psychological theories and underpinning philosophies play a large role in understanding criminal behaviour, the effects of criminal behaviour and developing responses to criminal behaviour. This course will examine some of the major theoretical propositions put forward by psychologists to explain why people commit crime, the psychological impacts of crime on victims and the psychological elements of the role of judges and juries in responding to crime. A number of psychological practices used in the broad scope of criminal justice processes will be examined including interview techniques, eyewitness testimonies, offender and geographical profiling and credibility testing. Some of the psychological challenges encountered as part of the criminal justice processes will also be explored as they relate to false allegations, reliability of confessions, child witnesses and psychological disorders. Assessing offenders' risk by the use of psychometric tests, and the range of psychological treatments for offenders will also be examined.

CR16111 ADVANCED CRIMINOLOGY (FBELA - PGRD)

Units 1 (Criminology) Band 1B
Pre-requisite: LAW5111 Enrolment is not permitted in CR16111 if CR11111 or LAW3471 have been previously completed.

The course introduces students to the study of crime and criminology with a primary focus on the main theories that inform the discipline of criminology. It considers definitions of crime and examines some theoretical explanations for criminal behaviour. The course further analyses a number of criminological theories, their development over time, and their application to contemporary examples. Also incorporated into the course is an outline of different types of crime and how they are defined, including an examination of how they are measured and understood.

CSC1030 SYSTEMS AND DATA MANAGEMENT FUNDAMENTALS (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfield
Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfield
Units 1 (Computer Science not elsewhere) Band 2

The course first looks at common computer systems, both physical and virtual, and both local and cloud-based. It then turns to the study of various perspectives on the properties of data, and two main ways of storing and retrieving data digitally: either as files, or in special purpose data stores. In both cases the range of formats and structures, as well as benefits and drawbacks are investigated. The course also discusses data backups, version control, and data integrity checking. Role-based practice of ethics and privacy are covered to build fundamental professional skills, and tools are introduced to support team collaboration. The course also introduces modern cloud-based practices.

CSC1050 NETWORK AND SECURITY FUNDAMENTALS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfield (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfield
Units 1 (Networks and Communications) Band 2

The course provides students with the knowledge of how wired and wireless networks function, and provides a working knowledge of network addressing, fundamental of wired and wireless networks. Starting with studying some common communications protocols critical to today's networked world, the course progressively introduces the underlying structure of the network that ultimately supports networked applications. Network security is introduced, in the context of threats and techniques for their mitigation. Successful students will be able to design and implement a simple network. The course structure takes a top-down approach, starting with network applications and then discovering the underlying principles and techniques.

CSC1060 DATA ANALYTICS FUNDAMENTALS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Computer Science not elsewhere) Band 2

This course introduces the fundamentals of Data Analytics. Students will learn to understand the implications of the large amount of data to be processed, analysed and visualized. The course aims to give the students the knowledge and skills of the history of data collections, the growth in data volume and its impact on hardware and software, the implications on data entry and impact of database of file contents, potential for combining various data sets of different file types, the purpose of cleaning data, and the implication of ethics, privacy, and security of data that may convey sensitive information. The course will use technical hands-on technical practice to work through ways to handle data that is too large covering very technical aspects (R, Hadoop, etc.) and analytical packages, allowing students to compare the benefits of either one. In addition, the course covers identification of patterns and trends in data, together with an understanding of the use of Visualisation to communicate the impact data has on an organisation, enterprise, or science, as well as the relationship to Artificial Intelligence, Machine Learning, and Data Mining. Students will be assessed based on the findings and presentation of patterns and trends for the data sets.

CSC1310 NETWORKING 1: INTERNETWORKING (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfield (ONC)Springfield
Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfield (ONC)Springfield (ONC)Toowoomba
Units 1 (Networks and Communications) Band 2
Pre-requisite: CSC1050

The course provides students with the required knowledge and skill sets relating to routers and routing, the fundamental building block of enterprise networking. Practical skills introduced include designing IP addressing schemes, TCP/IP Internetworking, implementing routed networks and programming and managing router infrastructure. Issues surrounding ethics for network administrators are discussed, and different roles within network operations teams are introduced.

CSC1401 FOUNDATION PROGRAMMING (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfield (ONC)Springfield (ONC)Toowoomba
Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfield (ONC)Springfield (ONC)Toowoomba
Units 1 (Programming) Band 2

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

CSC1410 SOFTWARE ENGINEERING FOUNDATIONS (FHESC - UGRD)

Semester 2 (ONC)Springfield (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfield (ONL)Toowoomba
Units 1 (Programming) Band 2
Pre-requisite: CSC1410

In this course the student will learn about the methods, tools and procedures of software engineering. Methods covered include a wide range of activities such as project planning, system and software requirements analysis, design, development, configuration management, testing, documentation and maintenance of software. Industry standard system modelling and specification notations will be used throughout the course. Students will be assessed based on the competence of applying the software engineering methods and procedures, as well as the documentation tools.

CSC2320 SECURITY 1: CYBERSECURITY FOUNDATIONS (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfield (ONC)Springfield
Units 1 (Security Science) Band 2
Pre-requisite: CSC1050

The course seeks to provide a strong foundation in security concepts and an introduction to techniques and tools in securing information technology infrastructure. In addition to identifying threats, vulnerabilities and human factors in the security space, the course also introduces some hands-on practical skills for improving security in servers and networks. Concepts around information privacy are discussed, as are mechanisms and tools used to implement basic privacy in communications across the internet. Ethics and professional conduct as a security professional are introduced as a key component of the course, as is the relationship between security professionals and parts of the organisation or society in general.

CSC2401 ALGORITHMS AND DATA STRUCTURES (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Data Structures) Band 2
Pre-requisite: CSC2402 or Students must be enrolled in one of the following Programs: GDIT or GCSC or GCEN or METC or MCOT or MCTE or MCOP or MPIT

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

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

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Programming) Band 2

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

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

CSC2404 OPERATING SYSTEMS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba
(ONC)Springfld (ONC)Toowoomba
Units 1 (Operating Systems) Band 2

Pre-requisite: CSC1401 or CSC2408 or have experience using Linux systems or students must be enrolled in one of the following Programs: GDTI or GCSC or GCEN or METC or MCOT or MCTE or MCOP or MPIT

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 detail. This course uses the C programming language and the 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 OSX) and programming languages.

CSC2406 WEB TECHNOLOGY 1 (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld
(ONL)Toowoomba (ONC)Toowoomba
Units 1 (Information Technology not els) Band 2

Pre-requisite: CSC1401 or Students must be enrolled in one of the following Programs: UCCC or GDTI or GCEN or METC or MCOT or MCTE or MCOP or MPIT or MCTN or BSED

This course conveys the essential skills and knowledge required to create and maintain high quality web documents. The course will cover document design and preparation, as well as the more technical issues of web-publishing such as client-side scripting and input validation. Program material may only be available via the web. Practical classes will be provided for internal students. While the course will use Javascript as the programming language, prior experience with it is not required. However, both a general understanding of and basic experience with programming in a high level language is essential. Limited experience with using Linux/Unix is also recommended.

CSC2408 SOFTWARE DEVELOPMENT TOOLS (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba
Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba
Units 1 (Systems Analysis and Design) Band 2
Pre-requisite: CSC1401

In this course students will be introduced to a wide range of foundational as well as modern software tools and techniques. Students are provided with a customised environment in which these tools and techniques can be learned effectively. The emphasis will be upon tools available under the Linux family of operating systems, though skills gained are transferable to other environments as well.

CSC2410 COMPUTATIONAL THINKING WITH PYTHON (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld
(ONC)Toowoomba (ONL)Toowoomba
Units 1 (Computer Science not elsewhere) Band 2

This course covers fundamental computational problem solving concepts, tools and methodologies. Students will learn how to select an appropriate data type and apply the most appropriate technical processes for a given computational problem. They will also learn how to develop modular code which conforms to the basic principles and practices of software engineering.

CSC3400 DATABASE SYSTEMS (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
(ONC)Springfld (ONC)Springfld
Units 1 (Database Management) Band 2

Pre-requisite: CSC1401 or CIS1000 Enrolment is not permitted in CSC3400 if CIS2002 has been previously completed.

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 model and discuss how ER diagrams are translated to the relational model. Topics on database design principles in this course further include functional dependencies and normalization. Students will gain a good understanding of database design theory and principles and be able to develop database systems and application programs on a DBMS.

CSC3403 COMPARATIVE PROGRAMMING LANGUAGES (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Formal Language Theory) Band 2

Pre-req: CSC2408; and Pre-req or Co-req: CSC2402; or Students must be enrolled in one of the following Programs: GDTI or GCSC or GCEN or METC or MCOT or MCTE or MCOP or MPIT Enrolment is not permitted in CSC3403 if CIS3001 has been previously completed

This course addresses the principles of programming languages. The course emphasizes the interpretation of the structure and the semantics of programming languages. Students examine 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 demonstrate a deep understanding of the semantics and the implementation of programming languages.

CSC3412 SYSTEM AND SECURITY ADMINISTRATION (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba
(ONC)Springfld (ONC)Toowoomba
Units 1 (Information Technology not els) Band 2

Pre-requisite: CSC2408

This course provides students with a comprehensive understanding of the administration of computer systems and computer networks. Coverage includes system administration tools, security techniques, system initialisation, resource management, backups, performance measurement, network and security administration and ethical considerations. Students will develop and appraise documentation policy and disaster recovery procedures. Practical work requires use of Unix-like operating systems on dedicated Intel-architecture PCs or equivalent hardware and software.

CSC3413 NETWORK DESIGN AND ANALYSIS (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba
(ONC)Toowoomba (ONL)Toowoomba
Units 1 (Networks and Communications) Band 2
Pre-requisite: CSC3412

Students will gain an in depth knowledge and understanding of computer networks. The following networking subjects: queueing theory; performance of communication networks including measurement, modelling and analysis of network performance including reliability, packet loss, throughput and delay, and security; network architecture including layering of networks; network design including dimensioning (deciding how fast/many of the links switches, routers and servers there should be), routing design (where traffic should go), topological design (where to put new links) and security (authentication, VLAN's, firewalls) are covered. Students will investigate and solve a series of example problems of network analysis and design of increasing complexity.

CSC3420 MOBILE INTERNET TECHNOLOGY (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
(ONC)Springfld (ONC)Springfld
Units 1 (Information Technology not els) Band 2

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

This course focuses on wireless communication technology as used in mobile phone networks, including 4G and 5G and the series of standards associated with wireless local area networks. Students will also investigate the quality of service in the Internet with a focus on the DiffServ standard and use a graphical interface to gain an understanding of these topics. Optical communications are investigated in terms of the capacity of optical fibres and associated switching technologies.

CSC3426 WEB TECHNOLOGY 2 (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Information Technology not els) Band 2
Pre-requisite: CSC2406

This course builds on CSC2406 Web Technology 1 and requires students to demonstrate essential skills and knowledge required to create and maintain high quality web sites. Students will create, manage and secure web server setups, 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, prior experience with it is not required. However, experience with programming in a high level language (e.g. Javascript or others) is essential. Basic experience with using Linux/Unix is suggested.

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

Semester 2 (ONC)Springfld (ONL)Toowoomba (ONC)Springfld
(ONC)Toowoomba (ONC)Toowoomba
Units 1 (Networks and Communications) Band 2

Pre-requisite: CSC3407 or CSC1310 or Students must be enrolled in one of the following Programs: GDTI or GCSC or GCEN or METC or MCOT or MCTE or MCOP or MPIT

This course introduces virtual 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 is discussed as a method to conserve Internet Protocol Version 4 (IPv4) network address space. It also focuses on WAN technologies which span large geographic areas. After completion of this course, the students will be able to describe and select appropriate WAN technologies; handle switches; routers and wireless routers with confidence.

CSC3501 PRINCIPLES OF DATA SCIENCE AND VISUALISATION (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld
(ONC)Toowoomba (ONL)Toowoomba
Units 1 (Computer Science not elsewhere) Band 2

Pre-requisite: STA3200

This course covers the fundamental principles of data science concepts and introduces the student to some of its common tools, methodologies and visualisations. Students will learn how to extract knowledge from data through hands-on experience with common data science programming tools and methodologies. They will create data visualisations to conduct exploratory and confirmatory data analysis. And will gain an appreciation of the breadth of data science applications and their potential value across disciplines.

CSC3502 PRINCIPLES OF BIG DATA MANAGEMENT (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba
(ONC)Toowoomba (ONC)Toowoomba
Units 1 (Information Technology not els) Band 2
Pre-requisite: CSC3400

This course is intended for students with background skills in data analysis and systems design, and focuses on the coordination, management and utilization of data using modern computer data base management systems. Developing, analysing and managing data including privacy and ethical concerns is covered in this course. Reliable, scalable, distributed and efficient handling of data of varying sizes is emphasized.

CSC3600 ICT PROFESSIONAL PROJECT (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld
(ONC)Toowoomba (ONC)Toowoomba

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba
(ONL)Toowoomba (ONC)Springfld
Units 1 (Systems Analysis and Design) Band 2

Students enrolled from 2023 - Pre-requisite: CSC2000 and at least 16 courses including six other BITC core courses Students enrolled prior to 2023 - Pre-requisite: CIS3002 and at least 16 courses including seven other BITC core courses

Students will design and deliver a solution to a real-world ICT problem through the application of technical knowledge and skills. Students will apply their project management skills to identify, analyse, generate, recommend and implement solutions to complex problems. Working within a team environment, students will reflect on their role as a member of the team and the interpersonal and communication skills necessary to achieve a successful project outcome. Further more, students are required to reference ICT professional codes of conduct and make appropriate judgments concerning ethical issues and cultural diversity.

CSC5020 FOUNDATIONS OF PROGRAMMING (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Programming) Band 2

After presenting the history and underlying technologies of programming, the course introduces the concept of problem-solving using pseudocode before introducing different syntaxes and kinds of programming languages. The mechanics of producing and running program code is then introduced to establish a platform in which to learn and apply fundamental programming concepts such as basic data types, expressions, and control structures. The course emphasises the application of programming strategies, such as decomposition, and best practice to create sound solutions to substantial problems.

CSC5050 NETWORKING FOUNDATIONS (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Networks and Communications) Band 2

The course provides students with an understanding of how wired and wireless networks function, and provides a working knowledge of network addressing, fundamental of wired and wireless networks. Starting with studying some common communications protocols critical to today's networked world, the course progressively introduces the underlying structure of the network that ultimately supports networked applications. Security is introduced, in the context of threats and techniques for their mitigation. This course will provide students with the knowledge and skills to design and implement a simple network.

CSC5090 FOUNDATIONS OF IT SYSTEMS ADMINISTRATION (FHESC - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Systems Analysis and Design) Band 2

The initial phase of the course introduces a range of operating systems and the hardware on which they run, and explores architectures, virtualisation, and Services. Foundational skills in using Powershells builds understanding of automation and deployment operations. The course continues through the development of essential experiences in managing filesystem and user data in distributed and collaborative environments, with attention to security and privacy. It concludes with attaining professional skills around teamwork, documentation and reporting, and ethics and best practice.

CSC6001 INTRODUCTION TO DATA SCIENCE AND VISUALISATION (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Computer Science not elsewhere) Band 2

This course covers foundational data science concepts, tools, methodologies and visualisation. Students will learn how to extract knowledge from data through hands-on experience with common data science programming tools and methodologies. They will create data visualisations to conduct exploratory and confirmatory data analysis. And will gain an appreciation of the breadth of data science applications and their potential value across disciplines.

CSC6002 BIG DATA MANAGEMENT (FHESC - PGRD)

Semester 2 (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld
Units 1 (Information Technology not els) Band 2
Pre-requisite or Co-requisite: (CSC1401 or CSC5020) and (STA2300 or STA1003 or STA8170 or STA6200) or equivalent program and statistical knowledge and skills or students are enrolled in MCYS

This course is intended for students experienced in statistical analysis, experimental design, and basic systems design, and focuses on the coordination, management and utilization of data using modern computer data base management systems. This course, in emphasizing the reliable, scalable, distributed and efficient handling of data of any size, develops the pragmatics of managing data, alongside with retrieval and analysis of information.

CSC6003 MACHINE LEARNING (FHESC - PGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Computer Science not elsewhere) Band 2

Pre-requisite: (STA2300 or STA1003 or STA8170 or STA6200) and (CSC1401 or CSC5020) or equivalent program and statistical knowledge and skills or CSC8002 or CSC6002 for MCYS students

Machine learning is the science of getting computer programs to self-improve performance through experiences. In the past decade, machine learning 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 it dozens of times a day without knowing it. In this course, students will learn about the most effective machine learning techniques from a variety of perspectives. Students will also gain practice implementing the machine learning techniques and getting them to work for problem solving. More importantly, students will learn about not only the theoretical underpinnings of learning, but also gain the practical know-how to quickly and powerfully apply these techniques to new problems.

CSC6004 DATA MINING (FHESC - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Computer Science not elsewhere) Band 2

Pre-requisite or Co-requisite: (STA2300 or STA1003 or STA8170 or STA6200) and (CSC1401 or CSC5020)

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, classification, association rules mining, and recent techniques for data mining. The methods are developed and applied to various data sets.

CSC6200 ADVANCED ICT PROFESSIONAL PROJECT (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Information Technology not els) Band 2

Pre-requisite: CIS5310 and Students must have successfully completed 12 units prior to enrolment in this course

Students will design and deliver a solution to a real-world ICT problem through the application of specialised technical knowledge and skills. Students will apply their project management skills to identify and critically analyse unpredictable, complicated problems. Potential, feasible solutions will be generated and tested to determine the best solution. Working within a team environment, students will reflect on their role within the team and the interpersonal and communication skills necessary to achieve a successful project outcome. Further more, students are required to reference ICT professional codes of conduct and make appropriate judgments concerning ethical issues and cultural diversity.

CSC6204 INFORMATION RETRIEVAL AND KNOWLEDGE MANAGEMENT (FHESC - PGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Artificial Intelligence) Band 2

Pre-requisite or Co-requisite: CSC5020 and STA6200

This course will deliver the fundamental concepts, state-of-the-art techniques, and applications in both information retrieval and knowledge management. A variety of teaching & learning approaches and activities will be utilised in the course, where engagement sessions will deliver the lectures covering the fundamental concepts and techniques, while the lab workshops will provide students with opportunities to gain exposure to the systems and applications. Students will also engage in a course project to gain hands-on experiences with information retrieval and knowledge management with real-life applications.

CSC8100 CYBER SECURITY ARCHITECTURE (FHESC - PGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba
Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba
Units 1 (Information Systems not elsewhere) Band 2

This course gives students key information regarding the design and management of ICT security within an organisation. Students will consider the fundamental nature of cyber security to maintain system integrity. The course explores the critical objectives of ICT security, relevant processes and practices and the level of success in achieving these objectives.

CSC8101 PENETRATION TESTING (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba (ONC)Springfld

Units 1 (Information Systems not elsewhere) Band 2

Pre-requisite: CSC8100

This course provides students with practical experience attempting to break into computer systems for the purpose of stress testing and discovering weaknesses. Students will be using a list of exploits which they are expected to successfully exercise on a series of target systems provided.

CSC8360 WIRELESS NETWORKING (FHESC - PGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Networks and Communications) Band 2

Pre-requisite: CSC8540

This course comprehensively looks at the fundamentals of wireless networking. From the standards and regulations involved to the different modes of deploying wireless devices, the course undertakes to provide a solid foundation of knowledge in the wireless networking space. Issues surrounding deployment, capacity planning, and security are discussed and the students will receive practical skills in configuring wireless devices and the services required to support a moderately sized wireless deployment. The course focusses on wireless LANs as specified in the 802.11 series of standards, but other mobile technologies are also discussed, and their advantages and disadvantages analysed.

CSC8370 NETWORK SECURITY MANAGEMENT (FHESC - PGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Security Science) Band 2

Pre-requisite: CSC8520

Building on basic knowledge of security concepts, this course introduces more advanced topics in network security. Students will gain knowledge and hands-on experience with AAA (authentication, authorization and accounting), and other concepts around network security auditing. A key task for network security professionals, beyond the technical skills, is to take business requirements and craft appropriate policies, with reference to regulations and ethical conduct, and thus the course discusses ethics and legal issues in network security and privacy and also presents methods of developing security policy.

CSC8380 DESIGNING NETWORKS (FHESC - PGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Networks and Communications) Band 2

Pre-requisite: CSC8540

This course builds on previous knowledge of network routing and switching and introduces advanced concepts in networking. Router information protocols, including Border Gateway Protocol in particular, and advanced routing and switching technologies are introduced in the course. Students are also exposed to concepts of network automation and network virtualisation and some of the tools which are used to implement these. The course also seeks to provide a foundation in designing more advanced or complex networks to meet business, community, or organisational requirements. Students are expected to work with UNiSO-supplied virtual machines either over a fast internet connection, or on a powerful personal computer.

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

Semester 1 (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Computer Science not elsewhere) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: MSCN or MCTN

The 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 specialised investigations extending knowledge and skills in a certain area. The studies could involve, for example, directed readings, extension of a project (where appropriate), or some other approved activity which would complement the student's studies in the program. Enrolment in this course is only available to students in Masters and some other Postgraduate programs and such enrolment requires the permission of the Program Director before enrolling.

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

Semester 2 (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Computer Science not elsewhere) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: MSCN or MCTN

Contact the examiner to study this course by distance education. The course provides the opportunity for a student to pursue an area of study that will complement the other studies in the student's program. Typically, the course will consist of specialised investigations extending knowledge and skills in a certain area. The studies could involve, for example, directed readings, extension of a project (where appropriate), or some other approved activity which would complement the student's studies in the program. Enrolment in this course is only available to students in Masters and some other Postgraduate programs and such requires the permission of the Program Director.

CSC8450 RELATIONAL DATABASE SYSTEMS (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Computer Science not elsewhere) Band 2
Pre-requisite: CSC5020

This course focuses on the design and implementation of relational databases. Practical methodologies for data modelling and database design are examined in concert with the study of the relational database model. Subsequently the course addresses the effective retrieval of information from the database using query languages and it leverages those skills to implement data-driven processes using stored functions and triggers. The course concludes with examining modern options to scale databases for massive data tasks. All the course materials, except the recommended textbooks, are available on StudyDesk. Students are expected to work with UniSQ-supplied virtual machines either over a fast internet connection, or on a powerful personal computer.

CSC8460 ADVANCED PROGRAMMING LANGUAGES (FHESC - PGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Programming) Band 2
Pre-requisite: CSC5020

Today the number of available programming languages is large and continues to increase, creating a challenge in choosing the right tool for a task. However, programming languages are more alike than they are different. To master new languages with minimum time and effort, professional developers need to know the basic structures, semantics and elements that are common to all programming languages. They also need to understand the design principles of a small number of paradigms that effectively group languages. This advanced course forms an endpoint in the formal investigation into programming, and provides the skills for practitioners to continue to grow their expertise over a large range of present and future languages.

CSC8470 SERVER-SIDE WEB TECHNOLOGY (FHESC - PGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfield (ONC)Springfield
Units 1 (Programming) Band 2
Pre-requisite: CSC8740

This course investigates how stateless server-side programming integrates with web-based front ends to create modern interactive graphical user interface applications that run in browsers as well as on desktops and mobile devices. It covers server-side issues of web server interaction, authentication, use of web APIs, input validation and cleansing, and database integration. The course builds on prior programming experience with Javascript and basic experience with system administration. It requires students to work with modern Git workflows to support team collaboration.

CSC8480 COMPUTING COMPLEMENTARY STUDIES A (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Computer Science not elsewhere) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: MSCN or MCTN

The 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 specialised investigations extending knowledge and skills in a certain area. The studies could involve, for example, directed readings, extension of a project (where appropriate), or some other approved activity which would complement the student's studies in the program. Enrolment in this course is only available to students in Masters and some other Postgraduate programs and such enrolment requires the permission of the Program Director before enrolling.

CSC8510 INTERNETWORKING (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Networks and Communications) Band 2
Co-requisite: CSC5050 or Students must be enrolled in the following Program: MCYS

The course provides students with an understanding of routers and routing, the fundamental building block of enterprise networking. Practical skills introduced include designing IP addressing schemes, TCP/IP Internet working, implementing routed networks and program ming and managing router infrastructure. Issues surrounding ethics for network administrators are discussed, and different roles within network operations teams are introduced.

CSC8520 SECURING NETWORKS (FHESC - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfield (ONC)Toowoomba (ONC)Springfield (ONC)Toowoomba
Semester 2 (ONL)Toowoomba (ONC)Springfield (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfield
Units 1 (Security Science) Band 2
Co-requisite: CSC5050 or CSC8100

The course seeks to provide grounding in advanced security concepts and advanced knowledge of techniques and tools in securing information technology infrastructure. In addition to identifying threats, vulnerabilities and human factors in the security space, the course also focus some hands-on practical skills for improving security in servers and networks. Concepts around information privacy are discussed, as are mechanisms and tools used to implement basic privacy in communications across the internet. Ethics and professional conduct as a security professional are identified as a key component of the course, as is the relationship between security professionals and parts of the organisation or society in general.

CSC8540 ROUTING AND SWITCHING (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Networks and Communications) Band 2
Pre-requisite: CSC8510

The course advances the knowledge of routing and routing protocols, building upon previous knowledge of routing and switching concepts. Virtual LANs, their configuration and deployment, and their interaction with routers are investigated in this course. WAN technologies and their implementation are discussed, as well as the advantages and disadvantages of particular technologies. Students will be using network documentation and troubleshooting methodologies for identifying and solving problems in routed and switched networks.

CSC8710 SOFTWARE DESIGN AND MODELLING (FHESC - PGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Programming) Band 2

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

CSC8720 PROGRAMMING ALGORITHMS (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Algorithms) Band 2
Pre-requisite: CSC5020

This course addresses various data structures and techniques for algorithm design and analysis. It covers data structures such as lists, stacks, queues, trees and graphs within a modern object-based scripting language. The design of various algorithms such as searching algorithms, sorting algorithms and graph algorithms is discussed. This course also addresses other fundamental topics such as recursive algorithms and complexity analysis.

CSC8740 CLIENT-SIDE WEB TECHNOLOGY (FHESC - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfield (ONC)Springfield (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Programming) Band 2
Pre-requisite: CSC5020 and CSC5090 or Students must be enrolled in the following Program: MCYS

This course conveys the essential skills and knowledge required to create and maintain high quality web documents and interactive user interfaces. The three main technologies of HTML, CSS, and Javascript are investigated in depth, and application of them to create interactive client-side apps solidifies this knowledge into technical skills. The course will emphasise the generation of accessible and responsive web materials in accordance with relevant industry standards and recommendations.

CWR1001 WRITING GOOD PROSE (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Written Communication) Band 1B

Writing effective prose is an essential skill for all students, as well as for professionals across a wide range of fields. This course provides you with an introduction to the fundamentals of expression in written language. This course is available in the first or third semester of your first year to ensure that you have the necessary writing skills to complete a range of writing tasks, including typical assessment tasks such as essays, at a high standard.

CWR1002 WRITING ABOUT PEOPLE (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Written Communication) Band 1B

The writing we produce is most often about people, whether that writing takes the form of creative works (like short stories and novels), or works of non-fiction, such as biographies and profiles. This course provides you with an introduction to a range of techniques for producing engaging and effective works of creative and professional writing that focus on representations of people. The course provides you with an opportunity to nurture your creativity and hone your skills as a writer. You will be guided through the process of producing a range of texts, including biography, and memoir. The focus in the course is on producing works that demonstrate an awareness of the relationship between the writer and the marketplace.

CWR1003 WRITING FOR YOUNG READERS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfield (ONC)Springfield (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Written Communication) Band 1B

This course serves as an introduction to writing for young readers by providing you with a range of techniques for producing engaging and effective works of fiction for young readers. During the course, you will focus on identifying a key market (pre-readers, early childhood, young readers, or young adult), create a planning document for your creative work, participate in peer-critiques, and develop a creative work. You will learn about industry standards for manuscript preparation and submission, as well as how to identify and assess potential markets for your work. The course is delivered through a series of workshops designed to provide you with a developing understanding of the practice of writing for young readers. During the workshops you will engage in focused individual and group activities, including generative and developmental writing tasks. The workshops will also provide you with information and advice about current and emerging trends in the writing and publishing industry and provide information and advice about key issues for writers, such as communication with stakeholders, creating an author profile, working with publishers and editors, building a writing portfolio, and engaging with key agencies. CWR1003 is practice-based course that equips you with a range of general skills that are highly valued in the workplace, including critical and creative thinking; the ability to write clear, effective, and engaging prose; and professional communication skills. No prior knowledge is required to successfully complete this course.

CWR2001 FAIRY TALES AND OTHER FORMS (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Written Communication) Band 1B
Pre-requisite: CWR1001 and (CWR1002 or CWR1003)

This course will equip students with a range of skills required in the workforce, and in professional writing practice, including interpreting and responding to market submission guidelines, meeting deadlines, and writing to purpose. Through close study of a suite of folk and fairy tales, this course will equip students with a deep understanding of how writers draw on traditional forms to create dynamic and engaging contemporary works of fiction. The course is designed to emphasise the dynamic relationship between reading the works of other writers, and developing personal writing skills and techniques. During the course, students will read, analyse, and write folk and fairy tales. Students will examine a range of traditional tales - including works collected by the Brothers Grimm, tales written by Hans Christian Andersen, and tales from the French conte de f e tradition - as well as contemporary retellings and original works. Students' own original or retold fairy tales will draw on this rich tradition.

CWR2002 WRITING ABOUT NATURE (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Written Communication) Band 1B
Pre-requisite: CWR1001 and (CWR1002 or CWR1003)

Effective and engaging narrative writing depends (among other things) on a clear and effective expression of place. In this course, you will explore a range of approaches to writing about place, focusing on the field of nature writing, including a range of sub-genres, such as environmental writing, and science writing. During the course, you will also learn about the form of the non-fiction essay, also known as the lyric or personal essay. You will learn the skills required to write a personal essay for publication, including how to engage productively and professionally with the editorial process.

CWR2003 THE WRITING LIFE (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Written Communication) Band 1B

Pre-requisite: CWR1001 and (CWR1002 or CWR1003)

This course focuses on how writers build careers and contribute to or draw on community connections to build their skills, capacity, and visibility in a highly competitive industry. During your studies, you will explore the development of an author profile and platform and investigate opportunities for writers to work across a range of sectors. You will also build the skills and knowledge required to secure work in individual and group projects and identify funding opportunities for writers and writing projects. In addition, you will explore the design and development of small to large-scale writing projects and begin to build productive and positive relationships with publishers, editors, agents, festival organisers, and other stakeholders in the writing and publishing industry. You will be exposed to a range of models for building a writing career and be supported in developing a flexible and sustainable career plan. The course is taught through a series of interactive workshops with experienced writers.

CWR3001 WRITING SPECULATIVE FICTION (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

Pre-requisite: At least four successfully completed CWR courses

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 sex/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 religiosity, language, light and even 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 vibrant, noisy and hugely energetic SF/F/H (Science Fiction, Fantasy, Horror) community. During the course, you will be guided through the process of researching, pitching, writing and editing works of short fiction and non-fiction suitable for publication in professional speculative fiction markets.

CWR3002 ADVANCED WRITING WORKSHOP (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Written Communication) Band 1B

Pre-requisite: At least four successfully completed CWR courses

This third year course immerses students in a close study of poetics and poetry, that is, in a deep study of how various textual strategies or devices create meaningful effects for the reader. Students will develop a deep understanding of how sound, sense and structure are used in creating a unique voice, or style, as well as looking at how various critical and creative approaches to authorial voice can inform and enrich their own writing practice. Students will study a range of techniques and forms, and produce writing across a wide variety of genres, including poetry, fiction and non-fiction, with the aim of developing a deep and critical understanding of, and appreciation for, their own voice.

CYS3000 CYBER SECURITY LEADERSHIP 1 (FHESC - UGRD)

Semester 2 (ONC)Toowoomba

Units 4 (Information Systems not elsewh) Band 2

This course exposes students to a wide range of industry experiences in the cyber security discipline.

CYS3010 CYBER SECURITY LEADERSHIP 2 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba

Semester 2 (ONC)Toowoomba

Units 4 (Information Systems not elsewh) Band 2

This course exposes students to a wide range of industry experiences in the cyber security discipline.

DBA9100 DOCTOR OF BUSINESS ADMINISTRATION THESIS A (FBELA - RSCH)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba

Semester 2 (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 7

Co-requisite: RSH8000 and RSH8001

This is a one-unit course that contributes towards the Doctor of Business Administration Research Thesis. The Thesis comprises the research and writing of a Thesis. Students examine a professional area of interest, usually related to their work environment and are assisted by one or more supervisors with appropriate background. 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 student's work experience and interest; however it is recognised that the work of some students is not necessarily suited for that purpose and the Head of School and Faculty Research and Higher Degrees Committee then consider topics drawn from elsewhere if necessary. The Thesis will be a significant piece of independently conducted and written research. To successfully complete the Thesis, 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.

DBA9200 DOCTOR OF BUSINESS ADMINISTRATION THESIS B (FBELA - RSCH)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba

Semester 2 (ONC)Toowoomba (ONL)Toowoomba

Units 2 (Business Mgt not classified) Band 7

Co-requisite: RSH8000 and RSH8001

This is a two-unit course that contributes towards the Doctor of Business Administration Research Thesis. The Thesis comprises the research and writing of a Thesis. Students examine a professional area of interest, usually related to their work environment and are assisted by one or more supervisors with appropriate background. 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 student's work experience and interest; however it is recognised that the work of some students is not necessarily suited for that purpose and the Head of School and Faculty Research and Higher Degrees Committee then consider topics drawn from elsewhere if necessary. The Thesis will be a significant piece of independently conducted and written research. To successfully complete the Thesis, 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.

DBA9400 DOCTOR OF BUSINESS ADMINISTRATION THESIS C (FBELA - RSCH)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba

Semester 2 (ONC)Toowoomba (ONL)Toowoomba

Units 4 (Business Mgt not classified) Band 7

This is a four-unit course that contributes towards the Doctor of Business Administration Research Thesis. The Thesis comprises the research and writing of a Thesis. Students examine a professional area of interest, usually related to their work environment and are assisted by one or more supervisors with appropriate background. 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 student's work experience and interest; however it is recognised that the work of some students is not necessarily suited for that purpose and the Head of School and Faculty Research and Higher Degrees Committee then consider topics drawn from elsewhere if necessary. The Thesis will be a significant piece of independently conducted and written research. To successfully complete the Thesis, 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.

DCA9000 RESEARCH METHODS IN CREATIVE ARTS PRACTICE (FBELA - RSCH)

Semester 1 (ONL)Toowoomba

Units 2 (Creative Arts not elsewhere cl) Band 1A

Pre-requisite: Students must be enrolled in one of the following programs: DCAR or DPHD

The course will assist doctoral students to advance understanding of creative arts research methodology and methods that can be critically applied to developing a substantial body of original creative work and an exegesis. The purpose of this course is for students to gain expertise in critical evaluation, analysis and reflection in practice-led research methodologies in order to enhance the quality of their original contributions to research that uses creative components. This course addresses a diverse range of creative research methods within historical, theoretical, cultural, ethical and contemporary practice contexts. The key learning outcome is an understanding of the

DCA9500 CREATIVE ARTS EXEGESIS AND PRACTICE A (FBELA - RSCH)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba

Semester 2 (ONC)Toowoomba (ONL)Toowoomba

Units 2 (Creative Arts not elsewhere cl) Band 1A

Pre-requisite: Students must be enrolled in the DCAR Program

The course offers critical approaches to writing an exegesis for creative arts practitioners. This is a high-level base course that will provide students the research grounding and skills to best position their practice within a research context. Students will be offered the opportunity to investigate and gain greater awareness of the different approaches to the exegesis form, style and content within their specific creative arts field or hybrid arts- practice research. Given this knowledge, students will be highly self-directed, while working closely with their supervisor in their strategic approach to their exegesis design and approach to practice-led research.

DCA9501 CREATIVE ARTS EXEGESIS AND PRACTICE B (FBELA - RSCH)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Toowoomba

Units 4 (Creative Arts not elsewhere cl) Band 1A

Pre-requisite: DCA9500 and Students must be enrolled in the DCAR Program

The course offers critical approaches to writing an exegesis for creative arts practitioners. This is a high-level base course that will provide students the research grounding and skills to best position their practice within a research context. Students will be offered the opportunity to investigate and gain greater awareness of the different approaches to the exegesis form, style and content within their specific creative arts field or hybrid arts- practice research. Given this knowledge, students will be highly self-directed, while working closely with their supervisor in their strategic approach to their exegesis design and approach to practice-led research.

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

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Semester 3 (ONL)Toowoomba

Units 1 (Information Technology not els) Band 2

The course guides students through a series of topics and learning activities, which will facilitate the development of the digital skills necessary for successful transition into contemporary university studies, enabling students to become competent and autonomous learners in the digital age. Based on the discovery, capture, evaluation and application of Open Educational Resources, the course will encompass the use of digital tools to participate in computer supported collaborative networks. Embedded within the pedagogy of the course will be the theme of student self-regulation of studying and learning, including an emphasis on the personal assessment of academic self-efficacy associated reflective practice and resilience.

DIP1001 ACADEMIC AND PROFESSIONAL ENGLISH (USQCO - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Semester 3 (ONL)Toowoomba

Units 1 (Language and Literature not el) Band 1

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

DIP1002 STRATEGIES FOR SUCCESSFUL STUDY (USQCO - UGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Semester 3 (ONL)Toowoomba
Units 1 (Mathematical Sciences not else) Band 1

This course introduces the scope, purpose and strategies associated with effective study and learning with particular application to academic and professional settings. Students progress through a program which requires them to manage their own learning through a process of self-development. Effective study strategies and attitudes will be developed and applied to areas of professional studies to prepare the student for successful management of higher education study more broadly. Students will also develop the skill of critical thinking - an essential skill of higher education scholarship and a foundation for academic culture. The course provides a comprehensive introduction to critical thinking theory and practice, exploring issues including critical thinking and university culture, critical reading, critical analysis and critical writing.

DIP1003 ESSENTIAL MATHEMATICS (USQCO - UGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Semester 3 (ONL)Toowoomba
Units 1 (Mathematical Sciences not else) Band 1

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

DIP1004 MATHEMATICAL LITERACY (USQCO - UGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Semester 3 (ONL)Toowoomba
Units 1 (Mathematical Sciences not else) Band 1

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

DIP1755 FOUNDATION SCIENCE (USQCO - UGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (Natural and Physical Sciences) Band 2

Enrolment is not permitted in DIP1755 if TPP0155 has been previously completed

Increasingly in today's world, we are exposed to situations that require both a knowledge of science and an appreciation of scientific processes. Using concepts of self-paced instruction and adult learning the course guides students through a carefully sequenced series of topics that develop the science and mathematical literacy necessary for study in those undergraduate degrees. The content of this course introduces students to the scientific method, measurements, cellular biology, chemistry, astronomy, climate change, and sustainable energy. The course is structured to increase students' scientific literacy, particularly the ability to interpret, analyse and evaluate scientific data and to effectively communicate their findings. This will enable students to engage with scientific thought processes and content that is relevant both today and in the future.

DIT1001 AESTHETICS FOR INTERACTIVE SYSTEMS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Audio Visual Studies) Band 1B

This course is focused on providing students with a fundamental knowledge of spatial and visual aesthetic design in relation to the digital environments of graphic design, cinema, games, and virtual/augmented reality systems. Students will learn how the human mind processes spatial environments, and develop familiarity with the language of essential concepts and principles underlying all good visual design. Aesthetics for Interactive Systems serves as an introduction into design for immersion and interactivity, and provides a foundation for future studies into this field.

DIT1004 3D MODELLING STUDIO (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONL)Toowoomba (ONC)Springfld
Units 1 (Audio Visual Studies) Band 1B
Pre-requisite: FSP1004 Enrolment is not permitted in DIT1004 if FTR2005 has been previously completed.

Students will have the opportunity to develop a solid awareness of processes involved in creating 3D-based assets for production; covering the conceptualisation, research, planning, and production stages to produce relevant outcomes for specific contexts. Students are encouraged to test their conclusions experimentally during workshops through image manipulation and modelling programs and will develop an awareness of the broader visual, cultural and commercial contexts in which 3D design can be applied, understood, and used. Students will complete a series of authentic assessment tasks based on contemporary 3D modelling industry practice, digital design, and media projects linked to real-world industry training and experiences.

DIT1005 MOTION DESIGN (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba
Units 1 (Audio Visual Studies) Band 1B
Pre-requisite: FSP1004 Enrolment is not permitted in DIT1005 if FTR2010 has been previously completed.

Students will have the opportunity to develop a solid awareness of processes involved in motion design for production, covering the conceptualisation, research, planning, and production stages to produce relevant outcomes for specific contexts. Students are encouraged to test their conclusions experimentally during workshops through the manipulation of image and audio, and through these investigations students should develop an awareness of the broader visual, cultural and commercial contexts in which motion design can be applied, understood, and used. Students will complete a series of authentic assessment tasks based on contemporary motion design and media-based projects linked to real-world industry training and experiences.

DIT2002 3D ANIMATION PRACTICE (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Springfld
Units 1 (Audio Visual Studies) Band 1B
Pre-requisite: DIT1004 Enrolment is not permitted in DIT2002 if FTR2011 has been previously completed.

Students will have the opportunity to develop a solid awareness of processes involved in contemporary animation pipelines and animated asset development. Through a series of industry-based workshops students will follow a contemporary production cycle consisting of: conceptualisation, research, planning, execution and delivery. Students will complete a series of authentic assessment tasks based on contemporary computer-generated animation practices, digital design and media projects linked to real-world industry training and experiences. Through their studies, students should develop an awareness of the broader visual, cultural and commercial contexts in which 3D animation practice can be applied, understood, and used.

DIT2003 DIGITAL SCULPTING AND 3D WORKFLOWS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Audio Visual Studies) Band 1B
Pre-requisite: DIT1004

Students will have the opportunity to expand on existing knowledge of 3D asset development within production environments; further refining their understanding of the conceptualisation, research, planning, and production stages of development. During this course students are encouraged to engage with contemporary design theory and practices, and test their assumptions using industry standard modelling, texturing and sculpting packages. Through the completion of short production and self-directed learning exercise, they will obtain a greater insight into the strengths and limitations of 3D workflows, while developing a greater awareness of the broader visual, cultural and commercial contexts in which 3D design can be applied. Students will complete a series of authentic assessment tasks based on contemporary digital sculpting and 3D workflows, digital design and media projects all linked to real-world industry training and experiences.

DIT2004 VIRTUAL AND AUGMENTED WORLDS (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (EXT)Toowoomba
Units 1 (Audio Visual Studies) Band 1B
Pre-requisite: DIT1004 and DIT1005

This course introduces students to advanced human computer interfaces such as Virtual Reality (VR) and Augmented Reality (AR) (video mapping) technologies. It provides them with insights into interface design principles, human factors and technological perspectives. Throughout their studies, students investigate the hardware, software and design aspects of virtual interfaces and their contextual integration into disparate fields such as science, education, archaeology and the military. Students will complete a series of authentic assessment tasks based on industry VR and AR systems, digital design and media projects linked to real-world industry training and experiences. Upon its completion, students will have developed a sound knowledge and skills of human computer interfaces design, their potential risks/implications of using augmentation, and the role these systems may play in shaping social and cultural engagement. Through their studies, students should develop an awareness of the broader visual, cultural and commercial contexts in which VR and AR practice can be applied, understood and used.

DIT3000 DESIGN SCIENCE AND INFORMATION SYSTEMS (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Springfld
Units 1 (Audio Visual Studies) Band 1B
Pre-requisite: DIT2004

In this first of two capstone courses, which is an experience designed as a culmination of your learning throughout the program, students undertake the pre-production stages involved in the development of a significant client-based interactive media production. Focusing on their specialisation, students integrate research, theory and practice to conceptualise and design an innovative and responsive system specific to the client's needs. This course combines work-based and academic learning, commonly referred to as Work Integrated Learning, allowing students to solve authentic industry problems and address real issues faced in organisations. Students will be introduced to the various career pathways within different professional industries through such organisations as the University Digital Life & Lab administration (HIVE) and other professional bodies in the wider community. This enables the student to cater their learning to individual career aspirations. Students will complete a series of authentic assessment tasks based on contemporary design science and information industry practices, digital design and media projects linked to real-world industry training and experiences.

DIT3001 DESIGN PROJECT (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba
Units 1 (Audio Visual Studies) Band 1B
Pre-requisite: DIT3000

In this capstone course you will engage with issues related to international professional practice for digital media content design. You will explore the structure and workflows employed by digital media developers and design organisations. This includes ways to assemble and manage project teams, organise resources, work with clients, and assess risk and creative possibilities within design briefs. Students will complete a series of authentic assessment tasks based on contemporary digital design and media industry practices, and media projects linked to real-world industry training and experiences. This course will assist you in the preparation of a portfolio with digital media strategies, for promoting your services in your chosen area of specialisation.

EAP0001 ACADEMIC ENGLISH A (USQCO - NONA)

Units 4 (English Language) Band 1

In this course, activities in English have been organised from an integrated communicative language teaching approach for reading, writing, listening, and speaking processes, purposes, attitudes, and strategies. Students' command of the English language should develop to a degree that supports the early comprehension of simple academic texts and enables students to begin to manage the comprehension, construction and delivery of simple and familiar sections of academic texts for routine purposes and audiences. Communicative English language activities are designed to develop students' capacity to integrate academic reading, writing, speaking, and listening skills reliably with some confidence. Special focus is given to developing the precision and efficiency of a students' English language skills to a pre-intermediate level through emphasis on enabling skills such as grammar, oral fluency, pronunciation, spelling, vocabulary, coherence and cohesion, and test taking strategies.

EAP0002 ACADEMIC ENGLISH B (USQCO - NONA)

Units 3 (English Language) Band 1

In this course, activities in English have been organised from an integrated communicative language teaching approach for academic reading, writing, listening, and speaking processes, purposes, attitudes, and strategies. Students' command of the English language should develop to a degree that supports the use of effective, simple English and enables the students to begin to manage the comprehension, construction and delivery of a range of familiar academic texts for routine purposes and audiences. Communicative English language activities are designed to develop students' capacity to integrate academic reading, writing, speaking, and listening skills reliably with some confidence at intermediate level. Special focus is given to developing the precision and efficiency of a students' English language skills in specific familiar contexts to an early intermediate level through emphasis on enabling skills such as grammar, oral fluency, pronunciation, spelling, vocabulary, coherence and cohesion, and test taking strategies.

EAP0021 MATHEMATICAL AND COMPUTING LITERACY - LEVEL A (USQCO - NONA)

Units 1 (English Language) Band 1

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

EAP0022 MATHEMATICAL AND COMPUTING LITERACY - LEVEL B (USQCO - NONA)

Units 1 (English Language) Band 1

The course consists of a series of group oriented problem solving sessions where students at the Maths B level practice reading, writing, listening, speaking, academic numeracy and computer skills. Students will submit reports, worksheets and learning activities designed around the degree students wish to enter. This course will provide students with basic mathematical competencies at level B in preparation for tertiary studies.

EAP0023 MATHEMATICAL AND COMPUTING LITERACY - LEVEL C (USQCO - NONA)

Units 1 (English Language) Band 1

There are two compulsory parts of the course. Part A consists of the mastery of the content of selected topics within algebra for calculus, algebra and graphs, trigonometry, application of calculus, integral calculus, and Physics appropriate to Maths C level. Students are also expected to show competence in communicating using mathematical language in English. Part B consists of group work designed to develop the mathematical communication, problem solving and computer skills of students. This work utilises some of the content mastered in Part A of the course.

EAP0024 POSTGRADUATE STUDY SKILLS (USQCO - NONA)

Units 1 (English Language) Band 1

This course will develop students' proficiency in using the English language for essays and research projects. Students will also engage in structural learning activities in their own academic disciplines in order to develop their discipline-specific English language competency. By focusing student's attention on the study and learning process involved at university, individuals will be made aware of their competencies and of the learning strategies needed to succeed. Regular feedback on written work and in class discussion will help students form an understanding of their own resources and purposeful, organised approach to learning. Students will learn and practice the different writing, class discussions and oral presentation styles common to postgraduate studies in Australian higher education.

EAP0100 ACADEMIC ENGLISH 1 (USQCO - NONA)

Units 4 (English Language) Band 1

In this course, activities in English have been organised from an integrated communicative language teaching approach for reading, writing, listening, and speaking processes, purposes, attitudes, and strategies. Students' command of the English language should develop to a degree that supports simple, basic communication about familiar and predictable topics. Communicative English language activities are designed to develop students' capacity to integrate reading, writing, speaking, and listening skills reliably at a basic level. Special focus is given to developing the precision and efficiency of a students' English language skills to an elementary level through emphasis on enabling skills such as grammar, oral fluency, pronunciation, spelling, vocabulary, coherence and cohesion, and test taking strategies.

EAP0200 ACADEMIC ENGLISH 2 (USQCO - NONA)

Units 4 (English Language) Band 1

In this course, activities in English have been organised from an integrated communicative language teaching approach for reading, writing, listening, and speaking processes, purposes, attitudes, and strategies. Students' command of the English language should develop to a degree that supports the early comprehension of simple academic texts and enables students to begin to manage the comprehension, construction and delivery of simple and familiar sections of academic texts for routine purposes and audiences. Communicative English language activities are designed to develop students' capacity to integrate academic reading, writing, speaking, and listening skills reliably with some confidence. Special focus is given to developing the precision and efficiency of a students' English language skills to a pre-intermediate level through emphasis on enabling skills such as grammar, oral fluency, pronunciation, spelling, vocabulary, coherence and cohesion, and test taking strategies.

EAP0300 ACADEMIC ENGLISH 3 (USQCO - NONA)

Units 4 (English Language) Band 1

In this course, activities in English have been organised from an integrated communicative language teaching approach for academic reading, writing, listening, and speaking processes, purposes, attitudes, and strategies. Students' command of the English language should develop to a degree that supports the use of effective, simple English and enables the students to begin to manage the comprehension, construction and delivery of a range of familiar academic texts for routine purposes and audiences. Communicative English language activities are designed to develop students' capacity to integrate academic reading, writing, speaking, and listening skills reliably with some confidence at intermediate level. Special focus is given to developing the precision and efficiency of a students' English language skills in specific familiar contexts to an early intermediate level through emphasis on enabling skills such as grammar, oral fluency, pronunciation, spelling, vocabulary, coherence and cohesion, and test taking strategies.

EBE5003 RESEARCH TRAINING (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (EnginTech not classified) Band 2

Pre-requisite: (ENG5001 or ENG5002) and Students must be enrolled in one of the following Programs: MENS or GDNS or GCNS
Pre-requisite or Co-requisite: ENG5105

This master's degree research course develops the ability to develop and demonstrate research-based innovation or synthesis of new knowledge and processes. This course offers the opportunity to students to develop critical literature review skills, reflective innovation-based topic and research scoping.

ECA2100 EARLY CHILDHOOD CREATIVITY AND THE ARTS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: UCTE or BEED or BEDU (Early Childhood) or BECH
Enrolment is not permitted in ECA2100 if EDC2300 has been previously completed

This course investigates creativity as an important disposition in the child, and the role that creativity plays in their learning and development. By adopting an Arts based approach, pre-service early childhood educators explore some of the many ways that young children (birth to eight) express ideas and make meaning by engaging in visual, auditory, relational, naturalistic, kinaesthetic and musical experiences. Underpinned by principles of supporting the creative, inquiring and imaginative child, pre-service educators will gain an understanding of both content and pedagogies in traditional and contemporary arts practices. The course explores how the arts and creative process can serve many purposes, including providing children with opportunities to draw upon their unique intelligences, multiple communication styles, and diverse backgrounds and cultures to make meaning.

ECF1100 FOUNDATIONS OF EARLY CHILDHOOD (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Enrolment is not permitted in ECF1100 if EDC1400 has been previously completed.

This course considers the broad range of factors that influence the provision of early childhood education and care in Australia. Contemporary political, economic, statutory, social and cultural factors will be considered, as will their implications for children, families, early childhood service provision and the early childhood education profession. The course introduces the Australian education policy context, with emphasis on policies directly pertaining to early childhood education and care. This includes an overview of policies, standards and learning frameworks that currently guide pedagogies and curricula in the years prior to schooling. The course explores contemporary public debates about early childhood education and care, and the implications of these debates for professional development and practice. These issues are considered in relation to theoretical perspectives and empirical research that can be used by educators to analyse, critique and participate effectively in broader debates concerning their field. The course considers how theoretically, empirically and ethically defensible responses to these issues might be formulated by members of the early childhood profession. The course also considers declarations and principles of children's rights, and considers legislation, ethical codes of conduct and strategies for upholding children's rights by supporting student wellbeing and safety within early childhood educational contexts.

ECF2200 RELATING WITH FAMILIES (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BEDU (Early Childhood) or BEED or BECH
Enrolment is not permitted in ECF2200 if EDO2104 has been previously completed

Pre-service educators will examine the diverse, complex and changing nature of Australian families and communities and the role of early years services and learning contexts in current societies. The course provides pre-service educators with opportunities to develop critical pedagogies and critical approaches for working with families and communities within a context of the social, political and economic discourses in early years education and care. Theoretical approaches to the study of families are explored, along with issues for children related to the structural and cultural diversity of families in Australia. Interconnections between children, families and communities are examined along with implications for working sensitively and effectively with parents and caregivers. Particular attention will be paid to the impact of government and economic policies and directions on services for young children and their families. Through course work, reflexivity and research, pre-service educators will focus on developing and refining communication skills, leadership qualities and collaborative partnerships with families, colleagues and children.

ECF3100 CONTEMPORARY APPROACHES TO INFANT AND TODDLER CURRICULUM AND PEDAGOGY (FBELA - UGRD)

Semester 1 (EXT)Toowoomba

Semester 2 (EXT)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Pre-requisite: ECP3200 and Students must be enrolled in one of the following Programs: BEDU (Early Childhood) or BEED or BECH
Enrolment is not permitted in ECF3100 if EDE2101 has been previously completed

Pre-service educators will interrogate issues in facilitating the unique nature of infants' and toddlers' care, learning and development (birth to 3 years) in early childhood contexts. Infants and toddlers are considered within the multiple contexts that inform their learning and development. The importance of understanding and valuing the complexities of supporting and maintaining rich relationships with children and their families, through a curriculum of care, attachment and play, underpins this course. Curriculum approaches, relationship-based teaching and learning, and environmental contexts that are recommended for infants and toddlers are examined. Pre-service educators will deepen their understanding of the applicability of research-based literature and its relevance to infants and toddlers, their families, and contexts. A 15-day professional experience placement is attached to this course. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

ECH1200 EARLY YEARS HEALTH AND ACTIVE PLAY (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BEED or BEDU (Early Childhood) or BECH. Enrolment is not permitted in ECH1200 if EDC1300 has been previously completed.

This course provides an overview of the role of health and physical activity in the multisensory and motor development of young children. It considers the interrelationships between physical health, wellbeing and identity, and the significance of these to longer-term learning and health outcomes. Contextual, familial and environmental factors that affect health and physical activity, safety and wellbeing are considered, particularly as they relate to the design of learning environments and physical activities. The course explores ways to promote children's physical and health literacies, to facilitate children's independence and competence in effectively communicating and managing their physical needs, and to extend children's confidence in their multisensory and motor abilities. Pre-service educators will also consider ways of working in partnership with families to support children's learning about health, physical activity and wellbeing.

ECL1100 LANGUAGE DEVELOPMENT AND EARLY LITERACY LEARNING (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Enrolment is not permitted in ECL1100 if EDX3270 has been previously completed.

This course provides an introduction to theories of language development and learning. The course focuses specifically on children's language and literacy development in the years prior to schooling. Key aspects of pre-linguistic communication and oral language development in infancy and early childhood will be explored, including affective, embodied, linguistic, representational and intersubjective communication. The role of symbolic and imaginative play in young children's development of communicative skills, relational learning and meaning-making will be considered. The course will address the role of familial, cultural and educational contexts in providing a diverse range of language and literacy experiences in the early years. Pre-service educators will consider how the theories of language development and learning covered in the course inform pedagogical approaches to fostering young children's development of oral language and early literacy learning.

ECL2200 ENGLISH CURRICULUM AND PEDAGOGY IN EARLY PRIMARY 2 (FBELA - UGRD)

Semester 1 (EXT)Toowoomba

Semester 2 (EXT)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Pre-requisite: ECF3100 and Students must be enrolled in one of the following Programs: BEDU (Early Childhood) or BECH or BEED. Enrolment is not permitted in ECL2200 if EDX2170 has been previously completed.

The teaching of reading and writing in the early years is central to this course. So too is the understanding of the importance and impact of oral language on the development of literacy practices. A broad definition of oral language is utilised which includes phonology, grammar, morphology, vocabulary, discourse and pragmatics. A variety of approaches to the teaching of reading and writing are explored, including appropriate play-based methods. Children's literature will be explored in order to develop a flexible repertoire of practices and resources that assist planning. Pre-service educators will consider research-based models of literacy pedagogy including play-based pedagogies for teaching and assessing reading and writing processes with an added focus on catering for the specific needs of individuals. The English Curriculum content knowledge in the strands of language, literature and literacy with a focus on the early years (ages 3.5 - 8) will be introduced to facilitate the planning of literacy experiences. Pre-service educators will also develop skills in the analysis of young children's literacy work samples to determine learners' strengths and needs and identify teaching priorities related to relevant syllabus documents. Pre-Service Educators will learn to design and plan integrated and inclusive learning opportunities, authentic assessment tasks and use data to challenge and support a diverse range of literacy learners. A 15-day professional experience placement is attached to this course. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

ECL3100 INTERCULTURAL COMMUNICATION IN EARLY LEARNING CONTEXTS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Enrolment is not permitted in ECL3100 if EDE4012 has been previously completed.

This course examines the relationship of language, culture and communication in early childhood and early learning contexts. The course engages pre-service educators in critical reflection pertaining to their own culture and intercultural experiences. Reconciliation work in the field of early childhood will underpin an examination of relevant curricula, pedagogical beliefs, values and practices. The course also provides an introduction to EAL/D teaching and EAL/D learning, development and assessment. Strategies to support effective intercultural communication in early years learning contexts, and EAL/D children's English language development, are explored with a particular focus on Aboriginal and Torres Strait Islander (ATSI) and South-East Asian cultures. Criteria for selection and production of materials designed to develop children's communicative skills, including the use of ICTs in EAL/D programs are considered.

ECM1100 EARLY MATHEMATICAL THINKING (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Enrolment is not permitted in ECM1100 if EDX3280 has been previously completed.

This course provides an introduction to cognitive, socio-cultural and multi-modal theories of mathematical thinking in children in the early years. The course introduces pre-service educators to research concerning the pre-verbal development of non-numerical schemas and representation in infants and young children, and to current thinking about the everyday contexts, experiences and interactions through which mathematical constructs are formed. Mathematical learning in home environments will be considered, as will pedagogical approaches that value, build upon and extend the mathematical knowledge and skills that children bring with them to early years' settings. Synergies and continuities of the Early Years Learning Framework and Australia Curriculum will be explored. The course will highlight forms of play-based and intentional learning experiences that encourage children's development and exploration of mathematical concepts, reasoning and problem solving.

ECO1002 MARKET BEHAVIOUR (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfield (ONC)Springfield (ONC)Toowoomba

Units 1 (Economics) Band 7

Enrolment is not permitted in ECO1002 if ECO1000 has been previously completed.

This course introduces you to the economic way of thinking in a non-technical way which assumes no background or aptitude in mathematics. This course uses critical thinking about real-world scenarios to identify economic problems and evaluate possible solutions. We emphasise the practical understanding to be gained by thinking carefully about the incentives facing individuals and how these give rise to broader social outcomes. You will gain an understanding of markets as an emergent social institution, how they coordinate social behaviour, and where they can go wrong.

ECO1201 FUNDAMENTAL ECONOMICS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfield (ONC)Toowoomba (ONC)Springfield

Units 1 (Economics) Band 7

Enrolment is not permitted in ECO1201 if either ECO1002 or ECO1000 has been previously completed.

Economics is a social science that studies how society manages its scarce resources. In this course, you will learn how to use resources more efficiently and allocate things in a manner that makes us all better off. You will master the fundamental concepts of microeconomics and macroeconomics and gain the capacity to apply them to real-world issues through case studies. These case studies place you in real-world situations requiring them to apply their theoretical understanding to explain and critically analyse these problems faced by business and economic managers.

ECO2000 THE MACRO-ECONOMY AND BUSINESS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Economics) Band 7

This course focuses on contemporary macroeconomic events and theories. It examines analytical tools such as aggregate demand and aggregate supply, and IS-LM models as well as policy issues in closed and open economy. Emphasis is placed on the development of skills required for macroeconomic analysis in the context of business decision making and government policy.

ECO3020 BEHAVIOURAL ECONOMICS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Economics) Band 7

Pre-requisite: ECO1000 or ECO1002

The course introduces behavioural economics in three parts. First, a brief overview of expected utility theory and game theory sets the scene for the emergence of behavioural economics. Second, the growth of behavioural economics is traced through Richard Thaler's, "Misbehaving: The Making of Behavioural Economics". Third, the core of the behavioural economics research program, heuristics and biases, is reviewed through Daniel Kahneman's, "Thinking: Fast and Slow". The course provides students with an opportunity to demonstrate a familiarity with orthodox foundations, the gradual development of behavioural economics and the core findings that constitute the underlying research program.

ECO3030 SUSTAINABLE ECONOMIES (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Economics) Band 7

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 regulatory and market-based approaches are explored in an effort to protect natural resources and improve environmental quality. General emphasis is placed upon the improvement of economic welfare through the application of economic principles in the search for sustainable economic development.

ECO5000 MANAGERIAL ECONOMICS (FBELA - PGRD)

Units 1 (Economics) Band 7

In this course we introduce you to a problem solving and business decision making approach to become informed regarding practical managerial pricing and firm investment decisions. The course emphasises the relevance of economic thinking to formulate sound business decisions on pricing and investment when an understanding of consumer and rival firms' behaviour is necessary. A comprehensive explanation of firm profit maximising pricing behaviour in various market structures and under different market conditions is presented and critiqued. Concepts for investment decision making with uncertainty are outlined and developed. Strategic decision making, particularly when faced with uncertainty is discussed and assessed in several business contexts. Upon completing this course, you should be able to illustrate the influence of economic thinking on decision making, particularly pricing and investment decisions in contexts characterised by uncertainty.

ECP2200 CHILDHOOD RESILIENCE AND WELLBEING (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Enrolment is not permitted in ECP2200 if EDE4010 has been previously completed.

This course assists early years educators in developing a deeper awareness of the importance of resilient and self-regulated children. Early years educators will develop skills to identify the impact that ecological factors (eg risk and protective factors) have on a child's resiliency, social-emotional wellbeing and mental health. Contemporary literature, evidenced based research, and examples of early childhood pedagogy, and health promotion programs will be investigated to deepen students' knowledge of innovative strategies to support the social and emotional wellbeing and learning of young children.

ECP3200 EARLY SCIENTIFIC THINKING AND INQUIRY (FBELA - UGRD)

Semester 1 (EXT)Toowoomba

Semester 2 (EXT)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Pre-requisite: EDE3103 and Students must be enrolled in one of the following Programs: BEDU (Early Childhood) or BEED or BECH
Enrolment is not permitted in ECP3200 if EDX3160 has been previously completed

This course is designed to investigate the knowledge and understandings, skills and dispositions young children utilise and develop as they connect with their world and continue to grow as active participants in their family, community and society. Pre-service educators will interrogate the three strands of science, in accordance with the Australian Curriculum. The course also draws upon the practice principles and learning outcomes of the national Early Years Learning Framework to present content for infants through to the transition into the early years of school. Pre-service educators will examine pedagogical approaches, theoretical perspectives and research which assist them develop an understanding of what inquiry looks like when planning for and assessing scientific learnings of young children. A 15-day professional experience placement is attached to this course. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EDC1000 INTRODUCTION TO THE PROFESSION (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Higher Educ) Band 1

Must be enrolled in:

BECH/BEED/BPED/BSDE/BGEN/UCTE/UCTP/UCTS/UCCF
BECH/BEED: Enrolment not permitted if EHF1100 has been completed
BPED: Enrolment not permitted if EPP1100 has been completed
BSDE: Enrolment not permitted if ESF1100 has been completed

This course introduces key concepts, skills and knowledge required when working in a diverse range of educational settings. The course is underpinned by the Australian Professional Standards for Teachers and examines knowledge, practice and engagement. The course is focused on connections in four key ways: with self, with UniSQ, with the profession, and with community. This course helps you to begin on your journey to becoming a professional educator and provides opportunities for reflection and the beginning of your professional teacher identity.

EDC1001 UNDERSTANDING LEARNER DEVELOPMENT (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Higher Educ) Band 1

Pre-requisite: Students must be enrolled in: BECH or BEED or BPED or BSDE or BGEN. BECH/BEED/BPED only: Enrolment is not permitted if EDC1100 has previously been completed. BSDE only: Enrolment is not permitted if ESD1100 has previously been completed.

This course offers an introduction to the key concepts and issues related to human development from birth to adulthood and how this is linked to learning. The course takes a learning sciences approach that is focused on the development of effective learning methodologies and solutions. The course provides an overview of the typical patterns of development pertaining to the physical, cognitive and psychosocial dimensions of human development. Key learning theories and concepts will also be covered in response to developmental needs and trends. The implications of developmental milestones and learning theories on teaching and learning will be explored, beginning to prepare pre-service teachers for the profession.

EDC1300 THE COLLABORATIVE EDUCATOR (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: ESP3100 and Students must be enrolled in one of the following Programs: BEDU or BSDE

The aim of this course is to enable pre-service teachers to develop the set of skills needed for working collaboratively with a range of educational stakeholders in a variety of contexts. Pre-service teachers will be provided with opportunities to apply knowledge of effective and ethical collaborative decision-making processes and frameworks to hypothetical scenarios. The course will require pre-service teachers to explain and justify collaborative decisions by referring to relevant theories and frameworks. The course builds upon theoretical foundations of collaborative practice to develop pre-service teachers' knowledge and understanding as well as the ability to apply relevant skills associated with developing collaborative partnerships. Pre-service teachers will draw upon relevant literature and research, as well as relevant policies and procedures, to make decisions, then

EDC2100 SUPPORTIVE LEARNING ENVIRONMENTS: CULTIVATING EFFECTIVE CLASSROOMS (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Students must be enrolled in: BEDU (EarlyChild) or BEDU (Primary) or BEDU (Primary+Special Ed) or BEDU (Special Ed) or BEDU (HPE Primary) or BEDU (SHPE Primary) or BECH or MOLT (Primary) or BEED or BPED Co-requisite: BEDU (Primary) or BPED Only - EDP2111

The aim of this pre-service course is to enhance teacher efficacy in the contemporary primary classroom. The course defines the classroom, as the environment that affords teaching and learning. The introduction focuses on the links among relevant classroom management theories to inform practice. Investigation of a teachers' effective relational skills and the significance of interrelationships in a school community are explored. Current practice advocates for the establishment of positive environments and proactive teaching and learning to promote learners' self-regulation and wellbeing. Attention is given to effective teacher practice and specifically to the key elements of behaviour management: clear expectations, timely acknowledgement and appropriate correction. The course provides practical approaches to responding to challenging behaviours by identifying the causes and developing behaviour plans to support learners. This course addresses students' understanding of practices that support participation and engagement for student wellbeing and safety, and how these practices inform the teaching and learning approaches which are used in the classroom.

EDC2200 FIRST NATIONS EDUCATION (CISER - UGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: UCTE or UCTP or UCTS or BEED or BSDE or BEDU or BECH or BPED

The purpose of this course is to provide knowledge and understanding of Aboriginal and Torres Strait Islander Education including Indigenous histories, cultures and languages and to develop appropriate competencies and skills for teaching Aboriginal and Torres Strait Islander learners, considerate of cultures, cultural identities and linguistic backgrounds. This course introduces initial pre-service educators to an understanding of themselves within this educational field; the historical, political, cultural and societal contexts of education for Aboriginal and Torres Strait Islander peoples; provides understanding of policies and implications; informs implementation of Aboriginal and Torres Strait Islander studies in the curriculum; develops analytical skills for resource selection and develops understanding and applications for engaging with Aboriginal and Torres Strait Islander school staff and Communities.

EDC2300 ASSESSMENT PRACTICES FOR SECONDARY (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: ESP1200 or EDC1400 or EDU1100 and Students must be enrolled in one of the following Programs: BEDU or BSDE

Pre-service teachers will develop an understanding of the purpose of undertaking assessment as an integral part of the learning process. In this course pre-service teachers will learn about authentic assessment strategies and the necessity of alignment between curriculum, learning, assessment and reporting. Pre-service teachers will learn to provide relevant and targeted feedback to a range of stakeholders, through analysis and interpretation of student data. They will participate in moderation processes and work collegially to inform future learning directions and improve assessment practices. This course builds on curriculum and pedagogy knowledge gained from completing first year courses and professional experience.

EDC2400 EDUCATING LEARNERS WITH SPECIAL NEEDS ACROSS CONTEXTS (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba

Units 1 (Teacher Education: Special Edu) Band 1

This foundational course will provide an overview of inclusive education with a specific focus on how special education is integral to the everyday professional practice of all educators across all educational contexts. Pre-service educators will become familiar with current legislation, policy and practice, from international, national and state perspectives. They will be provided with an overview of the characteristics of learners with additional needs including: low and high incidence disabilities, gifts and talents, mental health considerations and behavioural challenges, and will consider the impact of these for participation and access to learning. A variety of instructional approaches will be explored, to support learners with additional needs in the areas of curriculum, pedagogy, classroom and behaviour management, and social and emotional learning. Upon successful completion of this course pre-service educators have been introduced to the knowledge, skills, attitudes and behaviours needed to support

EDC4000 PREPARING FOR THE PROFESSION (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: ECL2200 or EPP3200 or EPP3100 or ESP2200 or ESP3100 and Students must be in their final year of study enrolled in one of the following Programs: BEDU or BEED or BPED or BSDE

This final year course enables pre-service teachers to meet the minimum supervised placement days of their program. When a student has already met the placement requirements during the course of their program, they will not undertake placement in this course. Pre-service teachers are expected to create an electronic portfolio which showcases examples of their practice, highlighting their competence against the Australian Professional Standards for Teachers: Graduate Level. Other sector-specific modules based on Career Readiness and Professional Engagement are situated within the course, requiring development of a strong understanding of key policy and practice within the Queensland education setting.

EDE2201 CONTEXTS FOR LEARNING AND DEVELOPMENT (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BEED or BEDU (Early Childhood) or BECH

This course draws on sociocultural theories, social justice frameworks and anti-bias approaches that consider children's development as learners as being shaped by a range of historical, cultural and social contexts within and beyond early education and care settings. The course gives particular emphasis to factors within educational contexts - outdoor and indoor learning environments, playgrounds, peer and pedagogic relationships - and how these contribute to children's access, involvement, engagement and development as learners. Social, relational and contextual factors that support children's full involvement and learning will be considered. Focus will be given to the role of educators in accurately identifying and managing any possible challenges, in order to ensure that all facets of children's educational experiences contribute to positive learning and development. Pre-service educators will learn how to interpret data, as well as learning skills of observation, analysis and reporting as the basis for communicating with parents pertaining to their child's educational experience. They will be introduced to a cycle of professional inquiry and develop knowledge and a rationale for gathering accurate information on and with children, which is the foundation for planning and organising appropriate learning opportunities for learners and for teachers' own professional learning needs.

EDE3009 LEADERSHIP AND PROFESSIONAL PRACTICES (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BEED or BEDU (Early Childhood) or BECH

This course will introduce beginning early childhood educators to the theory and practices associated with effective professional practice, leadership and management. It will incorporate practical skills for early childhood educators working with staff and the community, responding to policy change and maintaining procedures which reflect current legal and ethical requirements. Pre-service educators will engage with research as a source of professional learning and collaborate as a collegial team to develop their understandings of issues relating to current trends that will impact their future roles as practitioners in early childhood contexts. Pre-service educators will develop strategies for community advocacy regarding early childhood issues, and seek effective ways in which they may lead important conversations.

EDE3103 PERSPECTIVES OF EARLY YEARS CURRICULUM, PLAY AND PEDAGOGY (FBELA - UGRD)

Semester 1 (EXT)Toowoomba

Semester 2 (EXT)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Pre-requisite: EDU1100 or EDE2010 and Students must be enrolled in one of the following Programs: BEED or BEDU (Early Childhood) or BECH

The course extends upon pre-service educator's understandings of the historical, contemporary and post-structuralist theory on play, and how this can impact on and inform practices for supporting children's agency, play, development and learning. The importance of the role of the educator is examined as pre-service early childhood educators explore age appropriate pedagogical skills and strategies to facilitate and scaffold meaning-making in children's play and the co-construction of appropriate learning environments. Pre-service educators will also investigate skills and strategies required for the facilitation and support of transitions for children through play. The course provides early childhood educators with the opportunity to develop understanding and awareness of key features and themes of early childhood curriculum, frameworks and approaches. Pre-service educators will examine factors that impact on curriculum decision making and their role in the learning environment. A 15-day professional experience placement is attached to this course. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EDH1450 HPE DISCIPLINE STUDIES 1 (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: Students must be enrolled in the following Program: BEDU or BSED Enrolment is not permitted in EDH1450 if EDX1450 has been previously completed

Students will experience and apply considerations for facilitating engaging, inclusive, developmentally appropriate and safe learning environments for diverse audiences. They develop a range of understandings and competencies for interpreting and managing the HPE environment to facilitate delivery of effective experiences and outcomes. A central tenet of HPE is an inclusive curriculum that seeks to enhance the experiential opportunities for all children and incorporates the social justice principles of equity, diversity and supportive environments. Design of relevant learning experiences aligned with assessment processes; management of classes and environments; incorporating pertinent general capabilities into the learning context, and the impact of these considerations is explored. Students have the opportunity to analyse, apply and evaluate skills and develop confidence through experiencing and presenting movement and health learning. Through engagement in course learning experiences, it is expected that students will become increasingly independent practitioners and develop competence in sourcing current, accurate information and appropriate resources for HPE.

EDH2151 PRACTICAL STUDIES IN MOVEMENT (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba

(ONC)Toowoomba (ONC)Springfld

Units 1 (Education Studies) Band 1

Students will acquire increased knowledge about a range of movement activities, enjoy participating in these for the social, emotional, cognitive and physical benefits and be able to apply the knowledge to personal and/or professional contexts. Students complete coaching accreditations through the Australian Sports Commission and apply new knowledge to present and critique physical activity and movement learning. Online students are required to commit time to attend relevant accreditation courses and coaching clinics. Students gain knowledge relevant to movement contexts such as; the role of community organisations; socioecological barriers to physical activity; the important role of movement in cognitive, emotional, social and physical development; the importance of inclusivity, and motor learning. Students will increase their repertoire of challenge and adventure activities; rhythmic movement, games and sport and lifelong physical activities, through interactive learning experiences. They will apply a variety of relevant pedagogical strategies for a diverse range of developmental, ethnic, cultural, religious and age demographics whilst accounting for legislative requirements that ensure safe and inclusive learning environments.

EDH2152 HEALTH AND WELLBEING (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Education Studies) Band 1

The course focuses on strengths based positivity and personalised inquiry learning. Students will research current health promotion and intervention strategies as well as paradigms for understanding, and analysing child, adolescent, adult and aged health issues. They will research and analyse social justice principles, socio-ecological and strength-based paradigms, to identify and evaluate inequities in access to health and the success of health promotion interventions in diverse populations and contexts. Students will apply knowledge, understanding and skills to plan health education and promotion initiatives as strategic means of supporting healthy and safe behaviours. They will consider settings and student or client needs when applying health promotion knowledge to case study scenarios. Students will apply strategies for developing health literacies and critical inquiry skills in conjunction with understanding educative purpose of learning. They will understand the role of advocacy from multiple sectors in bringing change to the educational, social, economic and political conditions that affect health and wellbeing in personal, social, community and national contexts.

EDH2253 SCIENTIFIC BASES OF MOVEMENT 1 (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Education Studies) Band 1

In this course students research and apply the key elements and relationships between the sub-disciplines of functional anatomy and physiology, mechanics of movement, motor learning and psychology to improve the efficiency of human movement. Students develop an understanding of the processes and stages of learning physical skills and improving human movement capacity and apply the principles of training to develop and prescribe exercise and training programs. They explore how the principles and concepts on which human movement is based are applied to teach, improve and enhance physical characteristics and performance at all levels. The impact of stages of growth and developmental on learning and performance of movement skills is investigated and applied. Students research and apply sports psychology training theories including motivation, goal setting, arousal and performance, mental rehearsal, imagery and resilience for a variety of demographics and contexts. They apply settings, systemic and legislative safety and equity requirements.

EDH3154 HPE DISCIPLINE STUDIES 2 (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BEDU or BSED. Enrolment is not permitted in EDH3154 if EDH2254 has been previously completed.

Students will review, reshape, reconstruct, and apply current instructional strategies revealed in relevant research. They will learn how to implement a wide variety of instructional strategies to achieve specific targeted outcomes in a variety of movement and physical activity and personal, social and community health contexts. Students will analyse, experience and evaluate traditional and contemporary theories and models relevant to inclusive instructional strategies in health and physical education that meets diverse student needs. They will learn to provide effective feedback to peers and how to utilise feedback to improve practices. They will focus on developing knowledge and skills that promote understanding and effective instruction through planning. They will apply a variety of relevant instructional strategies for a diverse range of developmental levels, ethnicities, cultural and religious backgrounds, socioecological environments and age demographics whilst taking into account contextual factors and legislative requirements to ensure a safe and accessible learning environments for all learners.

EDH3256 SPORTS ADMINISTRATION, COACHING AND OFFICIATING (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Education Studies) Band 1

Pre-service health and physical education specialists, sport exercise professionals and volunteers develop knowledge and skills to plan, promote, conduct and evaluate supportive and safe environments and practices for inclusive carnivals, tournaments and events. They will demonstrate their management of time, material and financial resources and the strategic deployment of human resources. They will develop and apply knowledge of risk assessment, emergency procedures and sports first aid. Students complete accreditation courses in officiating and coaching through the Australian Sports Commission as part of the course assessment. They will apply system standards and the principles of organisation and administration in athlete and team management. It is expected that students will develop an understanding of the various professional and government agencies, councils, local sporting organisations, external providers, facilities, venues and resources available within their local communities. They will be required to utilise relevant contacts to assist with the planning and conduct of the carnivals, tournaments and events.

EDH3257 HPE CURRICULUM STUDIES 3 (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Education Studies) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BEDU or BSED or MOLT (Secondary) Pre-requisite: BEDU and BSED Only - EDH1450

This course extends existing curriculum and pedagogical information and knowledge to focus on design of developmentally appropriate and relevant teaching programs, utilising the full range of current Foundation to Year 12 curriculum and syllabus documentation. It includes a review of pedagogical practices outlined in curriculum and in research literature as they contribute to HPE learning and teaching. HPE specialists have the opportunity to further develop and apply a range of competencies for interpreting and managing the HPE classroom as a complex social environment for teaching and learning. Systemic requirements and procedures for the preparation, monitoring and review of teaching programs and assessment are analysed, particularly in the complex context of physical performance. Students have the opportunity to apply understanding of the relationship between educational theory and classroom practice through interactive practical experiences. The opportunity to plan, implement and review learning and teaching experiences and to further develop as independent and reflective learners are embedded in this course.

EDM5000 PLANNING FOR LEARNING: INTRODUCTION TO CURRICULUM AND PEDAGOGY (FBELA - PGRD)

Semester 1 (EXT)Toowoomba

Semester 2 (EXT)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MPLT or MSLT

This course provides an introduction for preservice teachers entering the teaching profession to the basic concepts and developmental issues connected to critical reflection and the pedagogical strategies for learning to teach in an educational setting. Preservice teachers will develop effective lesson planning processes underpinned by the connection between assessment, curriculum and pedagogy. Preservice teachers will be required to use theory to practice connections to justify their teaching and assessment decisions. The course aims to provide opportunities for preservice teachers to develop their general teaching skills (including verbal and non-verbal skills) and pedagogical content knowledge through systematic reflection and the integration of assessment (for and of) content, learning and teaching. Embedded within the course is a 15-day Professional Experience under the supervision of a registered teacher. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EDM5001 UNDERSTANDING LEARNERS AND LEARNING (FBELA - PGRD)

Semester 2 (EXT)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: EDM5000 or EDM5014

This course will provide an introduction to key concepts about learner development, specifically cognitive, physical and psychosocial development. The course will examine different explanations for learning, including the behaviourist, cognitive and social-learning perspectives. Individual differences (e.g. intelligence, motivation and social-cultural factors) and how they affect the learning process will also be examined. On the completion of this course, preservice teachers will have an understanding of learner development, which they will utilise to promote creativity, confidence and life-long learning through their professional practice (Alice Springs Education Declaration, 2019: The Early Years Learning Framework for Australia, 2019). Preservice teachers will also develop the critical literacy skills to analyse and evaluate research literature. Embedded within the course is a 20-day Professional Experience under the supervision of a registered teacher. Preservice teachers in the Early Years (MELT) program will attend professional experience in a primary school (Foundation - Year 3) The professional experience for preservice teachers in the Primary (MPLT) program will require a placement in a primary school (Foundation - Year 6). The professional experience for preservice teachers in the Secondary (MSLT) program will require placement in year levels from Year 7 to Year 12. which is guided by, but not limited to, their nominated teaching areas. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EDM5002 DIVERSITY IN EDUCATIONAL CONTEXTS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MPLT or MSLT

This course explores the diversity that educators encounter as part of their professional practice. It explores diversity in its many forms, expressed through culture, identity, language, ethnicity, socio-economic experience, religion, abilities and disabilities, gender and age. EDM5002 focusses on recognition of the identities of Aboriginal and Torres Strait Islander background students and relevant pedagogies to engage learners. It identifies the learning needs of individual children with special needs across the full range of abilities in the frame of an inclusive whole-school approach to education. Accessing relevant legislative, administrative, educational and organisational policy and processes is a tool used for understanding and implementing the complex demands of Diversity.

EDM5003 SCIENCE CURRICULUM & PEDAGOGICAL STUDIES (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Primary) Band 1

This course is designed to develop science pedagogical content knowledge for future teachers in two parallel streams, from birth-8 years of age (Birth to Year 3), and Years F-6. However, as teachers may be required to work outside of their preferred area, access to both streams of material is available to all. The course has as its major focus the essential knowledge and skills necessary for beginning educators to: interpret contemporary early childhood and primary science curricula and initiatives in science education (particularly the Early Years Learning Framework and the Australian Curriculum: Science); apply knowledge of how learners develop conceptual understanding in science; recognise and be responsive to learner backgrounds, characteristics, experiences and prior understandings which might impact upon engagement and learning in science; and, design and implement well-organised and managed science learning environments.

EDM5004 CURRICULUM AND PEDAGOGY FOR JUNIOR SECONDARY (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

This course introduces preservice teachers to curriculum and pedagogy for junior secondary learners. Preservice teachers will explore a range of issues and approaches relevant to adolescents in Years 7-10. This course focuses on curriculum design and delivery in the junior high school years. Preservice teachers will be introduced to relevant concepts, a range of learning contexts, and pedagogies tailored for the junior high school years in order to plan for and implement effective teaching and learning as stipulated in the Australian Professional Standards for Teachers. Preservice teachers are asked to demonstrate an understanding of current curriculum content in their discipline area, policy in the junior phase and the implications for teaching practice. Preservice teachers learn to set learning goals, plan sequenced learning experiences and units, including selection of appropriate resources, and application of effective teaching strategies in their chosen disciplines.

EDM5005 MATHEMATICS CURRICULUM & PEDAGOGICAL STUDIES 1 (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Primary) Band 1

The course focuses on developing deeper understanding in all strands of the Australian Mathematics Curriculum and the Early Years Learning Framework, underpinned by a clear understanding of relevant subject-matter knowledge and current theories of learning and evidence-based teaching practice. Preservice teachers will gain an awareness of the place of mathematics within the Early Years Learning Framework, at home and within the wider community, and will be supported to develop effective pedagogical strategies to build on this mathematics in the primary school context. The course will highlight forms of play-based and intentional learning experiences that encourage children's development and exploration of mathematical concepts, reasoning and problem solving. At the completion of this course, preservice teachers should have a deep understanding of how children learn mathematics and be able to draw on this understanding and curriculum documentation to identify critical progression points for mathematical learning and teaching.

EDM5006 SIGNATURE PEDAGOGIES (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

The purpose of the course is to provide preservice teachers with an understanding of the framework of signature pedagogies and have them consider the characteristics for their discipline or teaching areas. Opportunity is provided for preservice teachers to consider the pedagogical basis of their own teaching and learning. Connections will be made with the philosophical basis for knowledge creation and the course will provide opportunities for preservice teachers to find their own alignment to this. Preservice teachers will identify the distinctive ('signature') pedagogies that are relevant to their disciplines or teaching areas. Although there are some common pedagogical approaches across clusters of disciplines, there are also distinctive practices within specific disciplines. These distinctive practices are intended to do more than inculcate knowledge, they also set out deliberately to teach the ways of thinking about their disciplines, doing the disciplines and being a discipline specialist. Their purpose is to induct participants into the 'profession' and its traditions and conventions. Signature pedagogies deal with things that we as educators have to know and know how to do, and about the way we are in the world and the ways in which we orient ourselves to being and making meaning in the world. The combination of knowing, doing and being that are found in signature pedagogies is not separable into distinctive pieces which can be planned for and learned or taught separately, but must be experienced holistically.

EDM5007 CULTIVATING SUPPORTIVE LEARNING ENVIRONMENTS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: GCCH or GDCH or MELT or MPLT or MSLT Enrolment is not permitted in EDM5007 if EDC2100 or ESB2100 has been previously completed

The aim of this preservice course is to enhance teacher efficacy and identity in contemporary learning environments. Current teaching practice advocates for the establishment of supportive inclusive environments and proactive differentiated teaching and learning strategies to promote learners' development, participation, engagement, wellbeing and safety. The introduction focuses on the connections between relevant legislative, administrative, organisational policies and processes, codes of ethics and conduct and how they are founded on the physical, social and intellectual development of learners. Supportive behaviour theories and research into how students learn are critically reflected upon to inform differentiated teaching strategies to meet specific learning needs across the full range of abilities, including the strengths and needs of learners from diverse linguistic, cultural, religious and socioeconomic backgrounds and the participation and learning of learners with disability. Investigation and analysis of a teachers' effective relational skills and the significance of verbal and non-verbal communication and practical approaches to responding to challenging behaviours occur by identifying the causes and developing context specific and inclusive behaviour plans to support learners. Strategies for working effectively, sensitively and confidentially with parents/carers and engagement with external professionals and community representatives are explored to broaden teachers' professional knowledge and practice. The components and strategies that support learners' wellbeing and safety within centre/school/system, curriculum and legislative requirements will be appraised with an understanding of the relevant issues and strategies available to support the safe, responsible and ethical use of ICT in learning and teaching. The course provides an understanding that it is only when learners feel safe, secure and supported, with a sense of agency that they are able to grow and develop as confident learners with a strong sense of identity.

EDM5010 LITERACY LEARNING IN THE EARLY YEARS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education: Primary) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: GDCH or MELT or MPLT

This is the first English curriculum course. The teaching of reading and writing in the early years is central to this course. The importance of oral language experiences and development of the knowledge and understanding of skills and resources required for effective literacy teaching and learning will be explored. In addition, the teaching and learning of reading and writing through a variety of approaches, such as play-based pedagogies and phonemic awareness, in the early years (birth - 8) is a focus. Preservice teachers will investigate curriculum and pedagogy for literacies learning, and a variety of balanced approaches for the English curriculum and the Early Years Learning Framework (EYLF). The course will also introduce preservice teachers to literacy strategies for teaching Aboriginal and Torres Strait Islander students. Children's literature will be explored in order to develop a flexible repertoire of practices and resources that assist planning. Specific focus is given to children's literature and the use of literacy resources for promoting reconciliation between Indigenous and non-Indigenous Australians. The use of resources from diverse disciplines, including ICT, will ensure that the learning of literacies is embedded into learning across the curriculum. Preservice teachers will learn to design and plan integrated and inclusive learning opportunities, authentic assessment tasks and use of data to challenge and support a diverse range of literacy learners. Within this course preservice teachers are to engage in an authentic literacy investigation with a learner.

EDM5014 PLANNING FOR LEARNING: CURRICULUM, PLAY AND PEDAGOGY (FBELA - PGRD)

Semester 1 (EXT)Toowoomba

Semester 2 (EXT)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: GCCH or GDCH or MELT

This course equips educators with the knowledge and skills necessary for identifying, analysing and interpreting student data, as well as ways to communicate student learning and report clearly to key stakeholders the development capabilities, interests and strengths of young children. The course extends upon historical, contemporary and post-structuralist theories on play and draws from key curriculum documents, and student data, in order to equip educators with the skills to inform decision-making for co-constructing learning environments, designing effective teaching and learning sequences, selecting of meaningful resources. Educators will utilise age appropriate content and strategies to support children's meaning-making to enhance and extend on children's interests and identified learning goals. The course provides early childhood educators with the opportunity to develop an understanding and awareness of key features and themes of the Early Years Learning Framework, approved learning frameworks and early childhood curricula, and how these documents inform pedagogical decision-making. The course provides opportunities for educators to engage with and apply key learning to practice. Educators will participate in professional conversations and personal reflection as a way of improving practice. Educators will also investigate educative and interactive strategies required for the facilitation and support of successful transitions for children and families across learning contexts. A professional experience placement is attached to this course. MELT preservice teachers will complete a 20-day professional experience to meet regulation requirements. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EDM5016 EARLY YEARS DATA AND ASSESSMENT (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: GDCH or MELT

This course examines the role of data and assessment in learning and teaching processes, and builds an understanding of the purpose of different data sets at varying levels of diagnostic relevance for early childhood teachers to understand children. Preservice teachers will learn how and when to use a range of assessment strategies and how to interpret data to inform planning and to modify teaching practices using relevant curriculum frameworks. In addition, preservice teachers will learn skills of observation, analysis and reporting as the basis for communicating with parents in order to involve them in their child's educational experience. Preservice teachers will be introduced to a data driven decision-making cycle for planning and develop knowledge and a rationale for gathering accurate information on and with children, which is the foundation for planning and organising appropriate learning opportunities for learners and for teachers' own professional learning needs.

EDM5100 HPE AND WELLBEING CURRICULUM AND PEDAGOGICAL STUDIES 1 (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MELT or MPLT

The course focuses on the essential knowledge, understanding and skills necessary for preservice teachers to plan for, and implement, learning in Health and Physical Education and Wellbeing contexts. Preservice teachers will develop their understanding of effective teaching strategies through creating supportive and well scaffolded learning experiences to meet the diverse needs of learners. The course will cultivate appreciation of, and competence in, establishing levels of challenge for diverse developmental stages and needs. Preservice teachers will improve their professional practice and development through engagement with professional organisations, teaching networks and the broader community. This course will prepare preservice teachers to engage with the Early Years Learning Framework, the Australian Curriculum HPE, child safety, trauma-informed frameworks, legislative requirements, and ethical and professional conduct expectations, while promoting the wellbeing and safety of children from birth to five years of age, and those in primary school educational settings.

EDM8000 ASSESSMENT FOR LEARNING (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: EDM5000

This course provides preservice teachers with opportunities to develop knowledge, skills and practices that will enable them to constructively assess student learning. It begins with an exploration of the main theoretical components of quality assessment informed by contemporary literature, investigates data analysis, and requires preservice teachers to demonstrate an advanced and integrated understanding of the alignment between curriculum, learning, assessment and reporting processes. Creation of a unit plan using the backward design method, incorporating literacy and numeracy general capabilities will be addressed, before the planning and creating of summative assessment task sheets and rubrics based on the principles of quality summative assessment. Preservice teachers will learn to provide relevant and targeted feedback to a range of stakeholders, through analysis and interpretation of student data. They will participate in moderation processes and work collegially to inform future learning directions and improve assessment practices. This course builds on curriculum and pedagogy knowledge gained from completing first year courses and professional experience.

EDM8001 STEM CURRICULUM AND PEDAGOGY (FBELA - PGRD)

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: EDS4402 or EDS4403 or EDS4404 or EDS4405 or EDS4406 or EDS4407 or EDS4408 or EDS4410 or EDS4411 or ITD3200

The course extends upon the earlier Curriculum and Pedagogy course and explores skills, knowledge and processes that are shared amongst the STEM disciplines. So often in practice, secondary teachers are required to teach beyond their two specific teaching areas that they learnt during their initial teacher education degree. This course specifically aims to increase preservice teachers' ability to teach beyond these areas by extending pedagogy and pedagogical content knowledge to other teaching areas within a broad cluster of STEM. You will develop an understanding and appreciation of the complexity and interrelatedness of the cluster of STEM disciplines and begin to see potential for designing learning experiences that broaden perspectives. There will also be opportunities in this course to extend your focus on discipline specific practices when you break into smaller groups that are discipline specific.

EDM8003 HEALTH AND PHYSICAL EDUCATION CURRICULUM AND PEDAGOGY (FBELA - PGRD)

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: EDS4402 or EDS4403 or EDS4404 or EDS4405 or EDS4406 or EDS4407 or EDS4408 or EDS4410 or EDS4411 or ITD3200

This course extends existing curriculum and pedagogical information and knowledge to focus on design of developmentally appropriate, sequenced and relevant teaching programs, utilising the full range of current curriculum and syllabus documentation in the Health and Physical Education (HPE) discipline. It enables preservice educators to develop advanced and effective skills, knowledge, processes and pedagogies relevant to the learning area, through concentrated attention on the dispositions that contribute to HPE learning and teaching. Preservice teachers have the opportunity to strengthen and apply a range of competencies for interpreting and managing the HPE context as a complex social environment for teaching and learning. Compliance with legislative, administrative and organisational requirements in the preparation, monitoring and review of teaching programs and assessment is researched and analysed. The relationships between educational theory and teaching practice is explored through interactive teaching experiences. The opportunity to plan, implement and review learning to further develop as independent and reflective practitioners is embedded in this course.

EDM8004 TEACHER IDENTITY (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: EDM5000 and EDM5001 and Students must be enrolled in one of the following Programs: MOLT or MPLT or MSLT

This course expects preservice teachers to reflect on their prior learning and professional experiences and critically analyse how these inform their personalised frameworks of professional practice. This analysis will lead to the identification and justification of examples of professional practice that demonstrate their capacity as beginning educators. They will also identify and plan for future learning needs. This justification will be framed against the Australian Professional Standards for Teachers (Graduate Career Stage) supported by relevant literature demonstrating an advanced and integrated understanding of the complexities of education, and articulated through the development of a professional e-portfolio. Teachers are required to understand and apply key principles of codes of ethics and conduct as well as to understand relevant legislative, administrative and organisational policies and processes. During this course, preservice teachers will be given access to a range of professional learning opportunities from industry partners. They will reflect upon these opportunities and their key message and examine the implications each has on their development as beginning teachers.

EDM8005 MATHEMATICS CURRICULUM & PEDAGOGICAL STUDIES 2 (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Primary) Band 1

Pre-requisite: EDM5001 and EDM5005

The course focuses on inquiry-based approaches to the teaching of Mathematics with the goal of developing deeper understanding in all strands of the Australian Curriculum, Assessment and Reporting Authority (ACARA) Mathematics National Curriculum. Past and present practices will be reflected on, critically analysed and evaluated in the light of research findings, curriculum documents (including ACARA and EYLF) and teaching practice. Preservice teachers will explore higher order thinking in Mathematics education, identify the significance of problem-solving strategies and their importance for emerging mathematical thinkers. Preservice teachers will create learning experiences which foster and encourage language and risk taking in mathematical contexts, which are essential ingredients to solve problems and reason mathematically in the 21st century.

EDM8006 CURRICULUM AND PEDAGOGICAL STUDIES 2: ARTS & TECHNOLOGIES (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Primary) Band 1

Pre-requisite: EDM5001

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. Preservice 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. Preservice teachers will be required to improve their own professional practice and development through engagement with professional teaching networks and the broader community. Preservice teachers will develop an appreciation for the arts and technologies and a repertoire of strategies to evaluate the quality of related resources and products.

EDM8007 LITERACIES LEARNING IN DIVERSE CONTEXTS (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Primary) Band 1

Pre-requisite: EDM5010

This course focuses on the integration of literacies learning into the planning and implementation of learning opportunities for students from diverse sociocultural contexts, including English as an Additional Language or Dialect (EAL/D) learners and Aboriginal and Torres Strait Islander students. Drawing on a range of literacies frameworks, including multiliteracies pedagogy, this course helps enable preservice teachers to design and plan integrated and inclusive learning opportunities and authentic assessment to ensure that the learning of literacies is embedded 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 contemporary issues and current reforms in literacies education, how to cater for diverse learners, including strategies for identification of and support for EAL/D students as well as students needing learning support. In addition the development of flexible repertoires of learning/teaching strategies for teaching reading and writing across a range of educational contexts and age groups (0-12 years).

EDM8008 INQUIRING THROUGH THE HUMANITIES (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Education not elsewhere class) Band 1

Pre-requisite: EDM5001

Investigating inquiry pedagogy, as the signature pedagogy associated with the Humanities and Social Sciences, is the focus of this course, both in theory and in practice. Preservice teachers in this course will develop an understanding of the sub-strands of Humanities and Social Sciences (History; Geography; Civics and Citizenship; and Economics and Business) that draw on students' growing experience of community and the wider world. Preservice teachers will also integrate the Australian curriculum Cross-Curriculum Priorities and General Capabilities in their planning and classroom delivery. In addition they will develop their knowledge and skill in the humanities consistent with the Australian curriculum and modern pedagogical approaches. To reflect on their teaching of the Humanities and Social Sciences, preservice teachers in this course will also identify and contribute to professional learning networks in order to improve practice.

EDM8009 HUMANITIES AND THE ARTS CURRICULUM AND PEDAGOGY (FBELA - PGRD)

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: EDS4402 or EDS4403 or EDS4404 or EDS4405 or EDS4406 or EDS4407 or EDS4408 or EDS4410 or EDS4411 or ITD3200

The course extends upon the earlier Curriculum and Pedagogy course and explores skills, knowledge and processes that are shared amongst the Humanities and Arts disciplines. So often in practice, secondary teachers are required to teach beyond their two specific teaching areas that they learnt during their initial teacher education degree. This course specifically aims to increase preservice teachers' ability to teach beyond these areas by extending pedagogy and pedagogical content knowledge to other teaching areas within a broad cluster of Humanities and Arts. You will develop an understanding and appreciation of the complexity and interrelatedness of the cluster of Humanity and Arts disciplines and begin to see potential for designing learning experiences that broaden perspectives. There will also be opportunities in this course to extend your focus on discipline specific practices when you break into smaller groups that are discipline specific.

EDM8010 CURRICULUM AND PEDAGOGY FOR SENIOR SECONDARY (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: EDM5001

This course begins with building in-depth understanding for issues that impact the senior school and aims to give secondary educators increased understanding and confidence to deal with these senior schooling issues. Preservice teachers also gain understanding and experience in responding to organisational requirements in order to apply these effectively in their teaching practice. Discussions and applications aim to develop their understanding for effective planning for effective teaching, covering mandated elements of curriculum and practice in designing units of work that create alignment of curriculum, assessment and pedagogy. The course continues to build knowledge and skills developed in the previous courses covering teaching and learning in the middle school. Preservice teachers are asked to demonstrate an understanding of current curriculum policy in the senior phase and the implications for practice. This occurs through developing teaching strategies in their chosen disciplines and includes learning to adjust curriculum for explicit teaching in different sectors. Preservice teachers learn to plan across school, unit and lesson levels, including sequencing learning experiences, integrating assessment for learning and providing feedback as a learning tool.

EDM8011 MULTIPLE PATHWAYS IN SECONDARY SCHOOLS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: EDM5001

This course requires preservice teachers to develop an advanced understanding of a range of processes, pedagogies and practices designed to enhance positive outcomes for students in the senior phase of learning and the transition from school to a range of post-school options. Prospective Secondary preservice teachers will develop specialised skills and knowledge in a range of relevant areas including: the distinct needs of learners, Vocational Education and Training, career education and development; national policies and strategies for working with industry and employers; curriculum initiatives; and frameworks relevant to the senior phase of learning. Preservice teachers are to engage critically with relevant specialised literature and theory and demonstrate the capacity to analyse, synthesise and evaluate a range of initiatives and options which cater for the full range of students, including those from disadvantaged backgrounds.

EDM8012 INVESTIGATING TPACK (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: EDM5001

This course aims to develop critically reflective, expert classroom ready teachers who are able to effectively, creatively and safely use ICTs to enhance and transform the ways their learners think and learn, and their own professional practice. Preservice teachers engage in developing advanced understanding of the complexity of technological change and its broader impact on society. The course scaffolds the critical examination of what it means to be a citizen and teacher in contemporary digital world. Preservice teachers synthesise these complex changes, reflect on the impact on the education system, curriculum, and the practice and expectations of teachers. The material presented scaffolds the exploration, synthesis and critical analysis of contemporary practice and research around the use of ICTs to transform student learning within chosen discipline areas.

EDM8013 LITERACY AND NUMERACY ACROSS THE CURRICULUM (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: EDM5000

Literacy and Numeracy across the Curriculum is a course for second preservice teachers in the Master of Learning and Teaching. It will focus on unpacking aspects of teaching, planning and assessing literacy and numeracy from the Australian Curriculum, underpinned by a clear understanding of relevant subject-matter knowledge and current theories of learning and teaching. The approach to teaching is based on thinking strategies and deep conceptual understandings and may be significantly different from the methods experienced in preservice teachers' own schooling. Past and present practices will be critically examined in the light of research findings, curriculum documents and teaching practice. In addition, major contemporary drivers of change in the educational environment and the implications of recent key reports and initiatives in literacy and numeracy will be addressed, as will the embedding of Australian Professional Standards for Teachers. Such approaches recognise the individual needs of all young Australians, identify barriers to learning literacy and numeracy that can be addressed, and empower learners to overcome anxiety if having difficulty with learning more generally.

EDM8014 ENGLISH LITERACY AND SPECIAL EDUCATIONAL NEEDS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Enrolment is not permitted in EDM8014 if EDM8002 has been previously completed.

This course will provide preservice teachers, with an introduction to the guiding legislation, policies and practices of inclusive education and ways to apply this learning with the curriculum context of English Literacy and ICT's. Preservice teachers will also develop knowledge of the characteristics and educational approaches employed to meet the specific learning needs of learners across the full range of abilities with explicit focus on high incidence and low incidence disabilities. In addition, this course will examine the characteristics and educational needs of gifted and talented learners. Preservice teachers will explore literacy teaching strategies to engage all learners in an inclusive and supportive context addressing the various needs of learners using ICT's to enhance engagement. Cognisant of the range of student diversity, this course will focus on effective, evidenced-based approaches to supporting the learning and development of learners with special needs and issues related to creating inclusive educational environments. This course enhances preservice teachers' knowledge and skills in effective management strategies for those learners who exhibit challenging behaviours. The course will require preservice teachers to develop research synthesis skills, engaging in a case study to analyse and evaluate approaches for teaching English literacy learners with a disability and or special needs in an inclusive educational environment as well as reflecting upon their own professional learning to improve their practice.

EDM8017 RELATING AND INQUIRING IN INFANT AND TODDLER EDUCATION AND CARE CONTEXTS (FBELA - PGRD)

Semester 1 (EXT)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: GCCH or GDCH or MELT

Course participants will critically inquire about the complex and changing nature of learning with, caring for and educating infants and toddlers. Culturally relevant theoretical approaches and methodological innovations to the study of infants and toddlers are explored. Particular attention will be paid to the impact of government and economic policies and directions on services for infants and toddlers and their families. Course participants will examine their own positionality in working with and relating to families, with a focus on questioning and reframing their existing thinking and practices. Through course work, reflexivity and research, participants will have the opportunity to develop critical pedagogies for working with infants and toddlers, and critical approaches to planning for relationships, attachment, care and play as the curriculum of everyday life in infant and toddler settings. Interconnections between infants and toddlers and their educators are uncovered along with implications for working ethically and respectfully with their families and communities. Course participants will undertake a 10-day professional experience in an early childhood setting which caters for children birth to two years and their families. It is a requirement during this professional experience to design and implement an Action Research project in collaboration with stakeholders in the placement setting. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EDM8018 LEADING IN EARLY CHILDHOOD (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: GCCH or GDCH or MELT

This course will introduce preservice teachers to the historical and comparative theory and practices associated with effective leadership and management with emphasis given to contextually relevant notions of leadership. It will incorporate leadership knowledge and skills for early childhood teachers working with children, families, staff and community, responding to policy change and maintaining procedures which reflect current legal and ethical requirements. Preservice teachers will engage with research, the National Quality Framework and professional standards as sources of professional learning and collaborate as a collegial team to explore issues relating to current trends that will impact their future roles as leader practitioners in early childhood contexts. How leadership knowledge and skills inform advocacy for the early childhood field will be explored along with effective ways to facilitate critical dialogue.

EDM8020 ARTS AND TECHNOLOGY THROUGH PLAY (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Early Child) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: GDCH or MELT

This course focuses on the knowledge, understanding and foundational skills necessary for early childhood educators to plan and implement effective content and teaching strategies in The Arts and Technologies curriculum areas in documents such as the Early Years Learning Framework and the Australian Curriculum. Emphasis will be given to the role of play in early development, reasoning and communication and the potential of play for enhancing learning, creativity, curiosity and inquiry. The course explores how the arts and technologies provide children with opportunities to express themselves through multiliterate practice, participate as innovators and designers, and develop their understanding of their diverse world in a supportive, socially and culturally inclusive and safe learning environment. Preservice teachers will develop an appreciation for the arts and technologies, and a repertoire of strategies to plan effective play-based learning and evaluate the quality of related resources and products. This will be developed through theoretical engagement and practical arts and technologies playful learning experiences to develop a strong connection between the theory and practice required for responsive teaching and scaffolding.

EDM8100 EVIDENCE OF LEARNING IN TEACHING (FBELA - PGRD)

Semester 1 (EXT)Toowoomba

Semester 2 (EXT)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: EDM5001 and (EDM5016 or EDM8000)

The coursework in EDM8100 focuses upon the implementation of a data driven instruction cycle through the Graduate Teacher Performance Assessment (GTPA). The course requires preservice teachers to gather evidence of the teacher they are becoming and evaluate the impact this has upon their learners as well as justifying their repertoire of teaching practices. This course contains a 25-day placement and is the final Professional Experience Placement within the following contexts: MELT program, the placement is in a school setting (in the English curriculum area) from Prep to Year 3 with preservice teachers observing at least one lesson in Yr 4 - Yr 6 for exposure to upper primary. MPLT program, the placement is in a school setting (in the English curriculum area) from Prep to Year 6. MSLT program, the placement is in a school setting from Year 7 to Year 12 which is guided by, but not limited to, the preservice teachers nominated teaching areas. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EDO3500 ALTERNATE PROFESSIONAL EXPERIENCE (FBELA - UGRD)

Semester 1 (EXT)Toowoomba

Semester 2 (EXT)Toowoomba

Units 0 (Teacher Education not elsewhere) Band 1

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. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EDP2111 THE ROLES OF THE TEACHER 1 (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (EXT)Toowoomba

Semester 2 (EXT)Toowoomba

Units 1 (Teacher Education: Primary) Band 1

Pre-requisite: EDC1400 or EDU1100 and Students must be enrolled in one of the following Programs: BEDU (Primary) or BEDU (Primary + Special Education) or BEDU (Special Education) or BEDU (HPE Primary) or BEDU (SHPE Primary) or BPED Co-requisite: EDC2100

In this course, pre-service teachers design a sequence of lesson plans and formative assessment tasks that provide learning opportunities to meet the diverse needs of all learners. They develop an understanding of the demands of the teaching profession. For preservice teachers to gain insight into the complexities of teaching, they investigate influential learning theories and pedagogical models and frameworks. Furthermore, they recognise how the use of effective classroom management skills enables a supportive environment. Professional Experience is positioned towards the end of the semester, providing an opportunity for pre-service teachers to apply the knowledge and skills that are constructed progressively throughout the course. A 10-day professional experience placement is attached to this course. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EDP2222 THE ROLES OF THE TEACHER 2 (FBELA - UGRD)

Semester 1 (EXT)Toowoomba

Semester 2 (ONC)Springfld (ONC)Springfld (EXT)Toowoomba

Units 1 (Teacher Education: Primary) Band 1

Pre-requisite: EDP2111 and Students must be enrolled in one of the following Programs: BEDU (Primary) or BPED

Recognising the multiple roles of a teacher and the resultant complexity of teaching features in this course, pre-service teachers further develop an understanding of the demands of the profession, and investigate the variance in learners and the significance of planning to provide quality learning opportunities for all learners. Furthermore, they recognise that managing and responding to challenging learner behaviour is essential to maintain a supportive learning environment. Pre-service teachers design a sequence of lesson plans and formative assessment tasks that provide specific learning opportunities to a learner with a distinctive need. A 10-day professional experience placement is attached to this course. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EDP4200 THE REFLECTIVE PRACTITIONER (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Primary) Band 1

Pre-requisite: Students must be enrolled in: BEDU (Primary) or BEDU (Primary + Special Education) or BEDU (Special Ed) or BEDU (HPE Primary) or BEDU (SHPE Primary) or BPED Enrolment is not permitted in EDP4200 if EDC1200 has been previously completed

This course builds upon primary pre-service teachers' knowledge and skills related to reflective and responsive practices to enable them to develop strategies that respond to the learning strengths and needs of a diverse student cohort. Primary pre-service teachers learn about the complex influences on student experiences and learning in schools, with a particular focus on the impact cultural and linguistic backgrounds may have on the educational experience of Aboriginal and Torres Strait Islander students. Pre-service teachers will develop teaching and learning strategies that are informed by contemporary research into the improvement of student learning via responsive pedagogical practices. Ongoing professional learning for teachers is a focus of The Reflective Practitioner and, upon successful completion of the course, primary pre-service teachers will understand both the rationale for career-long professional learning and the impact this can have on student learning.

EDR8061 MASTER OF EDUCATION PROJECT (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 2 (Education Studies) Band 1

Pre-requisite: EDR8801 and EDR8802

Learners will, with guidance from a member of Faculty staff as their supervisor, plan and execute an independent project which is clearly related to their overall program of study. This two-unit project is intended to meet the needs of learners who wish to include a research or evaluation component in their Masters program by providing a venue in which a research or evaluation project can be undertaken to apply and/or extend knowledge developed in their program of study. The project should lead to the preparation of a substantial written report or journal article presented at an appropriately recognised scholarly standard. Project reports must reflect mastery of the content of current literature and of knowledge and skills developed by the learner in his/her prior program. This course will operate on the basis of frequent individual consultation and feedback between the student and the staff member nominated as the project supervisor. Before enrolling in the course, the student should have discussed the proposed project with the Specialisation Coordinator, and the Faculty member who would act as supervisor, PRIOR to submitting their project proposal for this course. Successful completion of this course may lead to enrolment into the PHD. Students need to meet the requirements of these programs.

EDR8801 FOUNDATIONS OF RESEARCH IN EDUCATION (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Society and Culture not elsewhere) Band 1B

This course introduces learners to the nature and purpose of research in education; examines the underlying paradigms of research in education; and discusses the nature and purpose of a literature review in educational research. They will: explore the meaning of the term 'research' as applied within education research; develop an understanding of themselves as a researcher; develop critical literacy skills; develop research questions as a response to the findings in literature review; and, develop skills in academic writing.

EDR8802 FOUNDATION METHODS FOR RESEARCH IN EDUCATION (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Society and Culture not elsewhere) Band 1B

Pre-requisite: EDR8801

This course introduces learners to the theory and practices of research methods suited to evaluation of educational interventions/programs conducted by reflective practitioners. Students will develop their understanding of different approaches to, and models of, research methods for educational evaluation; consider responses to ethical issues in the processes of evaluation; explore concepts and practices of qualitative and quantitative methods; understand data, data collection, and data analysis strategies. An intention of this course is to inform students' considerations of the methodological approach to the capstone master degree project.

EDR8900 DOCTORAL PROPOSAL PLAN (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 2 (Education Studies) Band 1

Pre-requisite: EDU8602 and EDR9002 and Students must be enrolled in the following Program: DEDU

The course will begin by clarifying the expectations and requirements for the doctoral research portfolio. Students will be facilitated as they review work from previous courses in which they identified workplace challenges and developed focused reviews of relevant literature. They will be guided to select challenges and plan projects appropriate to their doctoral research portfolio. Draft proposals for confirmation of candidature will be workshopped and revised. Students will practise presentations with the class prior to submission of their proposals for confirmation of candidature.

EDR9000 DOCTOR OF EDUCATION THESIS A (FBELA - RSCH)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 2 (Education Studies) Band 1

Pre-requisite: EDR9002 and EDR8900 and Students must be enrolled in the following Program: DEDU

Part-time candidates should enrol in this course for each semester of the dissertation/folio component of the Doctor of Education program. This will normally be for a total of eighteen units. If two electives are included in the program pathway, students will normally enrol in 16 units. It is expected that the following elements will normally be completed by students working in close consultation with their supervisors: For students preparing a DISSERTATION - Writing and presenting a confirmation proposal; If appropriate, conducting a pilot or small-scale study; Collecting and analysing data; Writing successive versions of the chapters constituting the dissertation. For students preparing a FOLIO - Writing and presenting a confirmation proposal; Conducting and writing a formal research report; Writing an analytical thematic statement; Completing one or two other components as required for the folio.

EDR9001 DOCTOR OF EDUCATION THESIS B (FBELA - RSCH)

Semester 1 (ONL)Toowoomba

Units 4 (Education Studies) Band 1

Pre-requisite: EDR9002 and EDR8900 and Students must be enrolled in the following Program: DEDU

Full-time candidates should enrol in this course for each semester of the dissertation/folio component of the Doctor of Education program. This will normally be for a total of 18 units (16 units of enrolment in EDR9001 and 2 units in EDR9000). If two electives are included in the program pathway, students will normally enrol for 16 units. It is expected that the following elements will normally be completed by students working in close consultation with their supervisors: For students preparing a DISSERTATION - Writing and presenting a confirmation proposal; If appropriate, conducting a pilot or small-scale study; Collecting and analysing data; Writing successive versions of the chapters constituting the dissertation. For students preparing a FOLIO - Writing and presenting a confirmation proposal; Conducting and writing a formal research report; Writing an analytical thematic statement; Completing one or two other components as required for the folio.

EDS2401 JUNIOR SECONDARY CURRICULUM AND PEDAGOGY (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld

(ONC)Toowoomba (EXT)Toowoomba

Semester 2 (EXT)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: EDU1100 or ESP1200 or EDC1400 and Students must be enrolled in one of the following Programs: BEDU or BSED
Co-requisite: ESB2100

This course prepares pre-service teachers to design and construct developmentally responsive curriculum and pedagogy for junior secondary learners. In the process, it emphasises the need to be aware of key developmental touchstones and to meet the diverse needs of learners. The course caters for the range of maturational variation among young adolescents and recognises the implications of transition from primary to secondary schooling. The course explores why effective design of curriculum and pedagogy, including embedded ICTs, promotes effective schooling and how local education can be shaped to meet specific learning needs, including the needs of Aboriginal and Torres Strait Islander learners. A 15-day professional experience placement is attached to this course. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EDS4250 LITERACIES ACROSS THE CURRICULUM (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: ESP2200 or EDS2402 and Students must be enrolled in one of the following Programs: BEDU or BSED

This course aims to help pre-service teachers to understand the relationship between literacies and learning, and the specific literacies demanded within their curriculum specialisations. They will learn about a range of appropriate frameworks and pedagogies for the teaching of literacies. Pre-service teachers will also learn how to design and sequence units of work with embedded learning and assessment of literacies, as well as planning focused and appropriate lessons on literacies for diverse learners, including English as an Additional Language or Dialect (EAL/D) and Aboriginal and Torres Strait Islander students.

EDS4402 SECONDARY MATHEMATICS CURRICULUM AND PEDAGOGY (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MSLT or BSED Pre-requisite: BSED Only - EDS2401

The course begins with preservice teachers exploring specific structures and knowledges 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 preservice teachers to learn how mathematics content, pedagogy and curriculum complement each other to provide effective learning opportunities.

EDS4403 SECONDARY SCIENCE CURRICULUM AND PEDAGOGY (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MSLT or BSED Pre-requisite: BSED Only - EDS2401

The course begins with preservice teachers exploring specific structures and knowledges 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 science discipline. This course provides the opportunity for preservice teachers to learn how science content, pedagogy and curriculum fit and work together to provide effective learning opportunities.

EDS4404 SECONDARY HISTORY CURRICULUM AND PEDAGOGY (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MSLT or BSED Pre-requisite: BSED Only - EDS2401

The course begins with preservice teachers exploring specific structures and knowledges 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 preservice 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)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MSLT or BSED Pre-requisite: BSED Only - EDS2401

The course begins with preservice teachers exploring specific pedagogies and knowledges related to Business. 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 preservice teachers to learn how Business content, pedagogy and curriculum fit and work together to provide effective learning opportunities.

EDS4407 SECONDARY ARTS CURRICULUM AND PEDAGOGY (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MSLT or BSED Pre-requisite: BSED Only - EDS2401

The course begins with preservice teachers exploring specific structures and knowledges 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 preservice 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)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MSLT or BSED Pre-requisite: BSED Only - EDS2401

The course begins with preservice teachers exploring specific structures and knowledges 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 discipline. This course provides the opportunity for preservice teachers to learn how the Humanities content, pedagogy and curriculum fit and work together to provide effective learning opportunities.

EDS4410 SECONDARY ENGLISH CURRICULUM AND PEDAGOGY (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MSLT or BSED Pre-requisite: BSED Only - EDS2401

The course begins with preservice teachers exploring specific structures and knowledges 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 English discipline. This course provides the opportunity for preservice teachers to learn how English content, pedagogy and curriculum fit and work together to provide effective learning opportunities.

EDS4412 SECONDARY TECHNOLOGIES CURRICULUM AND PEDAGOGY (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

You will consider a range of pedagogical approaches, encompassing approaches common to clusters of disciplines as well as those distinctive to your specific Technologies discipline. The course will support you in developing a strong professional knowledge of discipline-specific curriculum and pedagogy within your chosen Technologies teaching areas, allowing you to actively construct your discipline-specific Technologies' pedagogical practice and professional expertise.

EDU1100 INTRODUCTION TO PROFESSIONAL EXPERIENCE (FBELA - UGRD)

Semester 1 (EXT)Toowoomba

Semester 2 (EXT)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: EDC1000 and Students must be enrolled in one of the following Programs: BEDU or BECH or BEED or BPED or BSED Co-requisite: EDC1001 Enrolment is not permitted in EDU1100 if EDE2010 or EDC1400 or ESP1200 has been previously completed

You will consider learning environments, communication strategies and site, system, curriculum and legislative requirements. This course will support you at the beginning of your Professional Experience Placement and provide opportunities for reflection, development of your professional teacher identity and developing positive relationships with children/students, teachers, parents/carers and communities. This course contains a 10-day Professional Experience Placement. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EDU3325 UNDERSTANDING CHILD ABUSE AND NEGLECT FOR HELPING PROFESSIONALS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Education not elsewhere class) Band 1

Enrolment is not permitted in EDU3325 if EDU5325 has been previously completed.

The overall aim of this course is to introduce helping professionals to the field of child abuse and associated protection and intervention issues. This course approaches child abuse from a range of perspectives, including ecological, psychosocial, criminological and cumulative risk and provides an advanced study of child abuse phenomenon. The course examines various theoretical frameworks informing the current understanding of child abuse and explores the various contexts in which child abuse occurs - such as family, peer group, institution and a wider social context. Within these ecological environments students study the risks, indicators and consequences of the broadening scope of child abuse, moving beyond the commonly acknowledged types of abuse: emotional, physical, sexual, neglect and exposure to witnessing domestic and family violence, and including new complexities of online and virtual abuse, trafficking, foetal abuse and institutional abuse. Key professional competencies relevant to the protection of children are addressed, including the roles and responsibilities of the agencies engaged in child protection work, and the prevention and intervention mechanisms which can be employed to protect children in the helping professions. The course is delivered in an online environment, utilising online discussions and virtual classrooms (such as zoom) and also offers practical application opportunities, whereby students explore various ways of dealing with this social problem, with the emphasis on applications within the human services context.

EDU3335 MANAGING EMOTIONAL AND BEHAVIOURAL PROBLEMS OF YOUNG PEOPLE IN THE HELPING PROFESSIONS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education: Special Edu) Band 1

Enrolment is not permitted in EDU3335 if EDU5335 has been previously completed.

This course outlines the kinds of emotional and behavioural difficulties helping professionals can expect to encounter in their fields of practice and elaborates on a range of strategies, both preventive and remedial, for responding in a positive and effective manner. The intent of the course is to assist professionals to develop a sound understanding of the nature of emotional and behavioural problems of children and young people, and to develop an awareness of appropriate ways of dealing with the difficulties. This course will provide a foundational understanding of these issues facing young people, critique of the intervention and prevention approaches employed in their field and provide opportunities for student to apply their understanding of these emotional and behavioral difficulties to their professional context. The course is delivered in an online environment, utilising online discussions and virtual classrooms (such as zoom) and also offers practical application opportunities, whereby students explore various ways of dealing with these issues, with the emphasis on applications within the human services context.

EDU4100 EVIDENCE FOR TEACHER IMPACT (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld

Semester 2 (EXT)Toowoomba

Units 1 (Teacher Education: Higher Educ) Band 1

Pre-requisite: ECL2200 or ESP2200 or EPP3200 Enrolment is not permitted in EDU4100 if EDE4103 or ECP4100 or EDP4130 or EDS4401 has been previously completed

The coursework focuses upon the implementation of a data driven instruction cycle through the Graduate Teacher Performance Assessment (GTPA). The course requires pre-service teachers to gather evidence of the teacher they are becoming and evaluate the impact this has upon their learners as well as justifying their repertoire of teaching practices. This course contains a 25-day placement and is the final Professional Experience Placement within the following contexts: BEED program, the placement is in a school setting (in the nominated primary curriculum specialisation area) from Prep to Year 3 with preservice teachers observing at least one lesson in Yr 4 - Yr 6) for exposure to upper primary. BPED program, the placement is in a school setting (in the nominated primary curriculum specialisation area) from Prep to Year 6. BSED program, the placement is in a school setting from Year 7 to Year 12 which is guided by, but not limited to, the preservice teachers nominated teaching areas. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EDU4160 NUMERACY, LITERACY AND STEM IN EARLY CHILDHOOD (FBELA - UGRD)

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: GCCH or GDCH

You will focus on conceptual development, pedagogical approaches and practices for supporting children's learning of numeracy, literacy and STEM concepts. Through numeracy, literacy and STEM children develop academically, engage with imaginative inquiry, solve complex problems. You will explore children's use these concepts in making sense of their world, connecting with their environment and engaging with everyday activities. Course participants will undertake a 30-day professional experience in this course. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EDU5321 EDUCATING STUDENTS WITH SPECIAL NEEDS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education: Special Edu) Band 1

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

EDU5324 TRAUMA, BEHAVIOUR AND LEARNING (FBELA - PGRD)

Units 1 (Teacher Education: Special Edu) Band 1

In this course educators in both regular and special education early childhood, primary and secondary learning contexts will explore ways to think differently about and respond to, challenging student behaviours due to trauma drawing from the fields of psychology and neuroscience. The course has as its major focus the essential knowledge and skills necessary for educators to: 1. understand the needs of traumatised children and the impact that trauma may have on the behaviour of children; 2. create and sustain safe and supportive learning environments; 3. manage serious, disruptive student behaviour; 4. utilise evidence-based strategies to effectively manage, intervene and support students who have experienced trauma; 5. develop positive, secure relationships with traumatised students and collaborative partnerships with key stakeholders within and beyond the school setting; 6. recognise appropriate interventions including consideration of levels of traumatic response, implementation and evaluation. Knowledge acquisition targeted at trauma informed positive behaviour support practices focused on understanding and care, in conjunction with associated theoretical underpinnings, will enable educators to decrease the serious, disruptive behaviours of concern by recognising the unique needs and capabilities of children who are victims of trauma.

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

Semester 1 (ONL)Toowoomba

Units 1 (Education not elsewhere class) Band 1

Enrolment is not permitted in EDU5325 if EDU3325 has been previously completed.

The overall aim of this course is to introduce education and helping professionals to the field of child (and youth) abuse and associated protection issues. This course adopts a psychosocial developmental approach and provides an advanced study of child abuse phenomenon. The course examines various settings of child abuse - such as family, peer group, institution and a wider social context. Within these ecological environments students study the causes, symptoms and consequences of five main forms of child abuse: emotional, physical, sexual, neglect and exposure to witnessing domestic and family violence. The course also offers a brief practical component whereby students explore various ways of dealing with this social problem - prevention, intervention and therapy, with the emphasis on applications within the educational or school context.

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

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education: Special Edu) Band 1

Enrolment is not permitted in EDU5335 if EDU3335 has been previously completed.

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

EDU8317 INDIVIDUAL ASSESSMENT AND TESTING (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education: Special Edu) Band 1

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

EDU8320 RIGHTS AND RESPONSIBILITIES OF SCHOOL LEADERS (FBELA - PGRD)

Units 1 (Education Studies) Band 1

This course aims to assist students to understand what rights and responsibilities are placed on principals, deputy principals, Heads of Departments and other aspiring leaders, (as well as 'Compliance Managers' in schools) to effectively perform their duties as the leader of their school community. Central to these rights and responsibilities are the provisions of the United Nations Convention on the Rights of the Child, and considerations as to how to apply knowledge of these expectations specifically in a school context. That is to say that students will not only learn some of their ethical and legislative obligations in contemporary education, but more importantly, will also understand how to apply this acquired knowledge in their school community and what supports and protections are available to assist them. Students will learn what is, and how far, their duty of care extends in a school context, what their duties are when working with the teacher regulatory body, how to abide by and comply with court orders, how to remain compliant with mandatory reporting of child protection matters, ensure that they meet their privacy responsibilities, and examine what their rights are in relation to restriction of access of parents and others from the school campus. Students will also explore what conditions they must meet to comply with the Disability Standards in Education in their school. They will consider their rights and responsibilities for decision making and investigations in regard to when they should involve or defer to other supports, agencies and officials.

EDU8324 LEARNING DIFFICULTIES: READING (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Special Edu) Band 1

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: MATHEMATICS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education: Special Edu) Band 1

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

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

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Special Edu) Band 1

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

EDU8331 CAREER DEVELOPMENT IN EDUCATIONAL SETTINGS (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Special Edu) Band 1

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

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

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education: Special Edu) Band 1

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

EDU8333 ADVANCED COUNSELLING IN EDUCATIONAL CONTEXTS (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Special Edu) Band 1

Pre-requisite: EDU8332

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

EDU8336 GUIDANCE AND COUNSELLING PROFESSIONAL EXPERIENCE (FBELA - PGRD)

Semester 1 (EXT)Toowoomba

Semester 2 (EXT)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: EDU8332 and EDU8333

The professional placement course is designed to provide students with a structured situation in an education setting in which counselling skills studied in EDU8332 and EDU8333 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 promotes a scientist-practitioner model of the professional counsellor. Students will be encouraged to approach counselling scenarios and skill-based learning through observation and intervention. The emphasis is on skill development in a supervised, structured environment. Expert feedback on performance is seen as an essential feature of the learning process and strong emphasis is placed on skill development under adequate supervision. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EDU8338 AUTISM (FBELA - PGRD)

Units 1 (Teacher Education: Special Edu) Band 1

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

EDU8400 MENTORING AND COACHING (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Education Studies) Band 1

This course provides participants with an opportunity to understand the theory base as well as develop and practice a repertoire of skills in mentoring and coaching with a focus on the building of capacity in others. Such support enables individuals to develop themselves and/or their careers, and improve personal practice and performance. Participants will investigate the theory underpinning use of this approach; explore the difference between mentoring and coaching; identify the limits of mentoring and coaching; and examine how mentoring and coaching can be used to augment existing approaches to individual and organisational capacity building programs. A major component of this course will require participants to engage in the practical development of basic mentoring and coaching competencies and their subsequent application within workplace setting, thus course participants MUST have access to a mentee. Another component integral to both approaches is the giving of feedback that both supports and challenges individuals to explore their boundaries and improve their teaching, learning and leading practices. The course provides a reflexive space for participants to reflect on personal learning gleaned through analysis of 'critical moments' in order to explore and support participants' emerging knowledge and skills as a mentor and coach.

EDU8507 COUNSELLING IN EDUCATION CONTEXTS: THEORY & PRACTICE (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Education not elsewhere class) Band 1

EDU8507 aims to assist helping professionals working in education contexts to develop an in depth, working understanding of the theoretical foundations of counselling and the principles that inform professional practice. The course focuses on contemporary education contexts and the ways that counselling theory and practice can contribute to client and community wellbeing. Contemporary issues in education contexts such as diversity, mental health, digital technology, sexuality and suicidality are canvassed before learning about the foundation concepts of counselling: change, counsellor as a context, the therapeutic relationship, positive psychology and wellness, and models for describing the counselling process. Case conceptualization as a process is explored in the context of different therapeutic traditions. Finally a model of case management is introduced to integrate the delivery of services to clients beyond the counselling room.

EDU8509 POSITIVE BEHAVIOUR SUPPORT WITHIN SCHOOL CONTEXTS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Education not elsewhere class) Band 1

In this course students are introduced to a set of advanced strategies and procedures for whole school implementation of positive behaviour support systems. Collaborative process which help engage key stakeholders are explored. Contemporary positive behaviour support strategies such as School Wide Positive Behaviour Support (SWPBS) also known as Positive Behaviour for Learning (PBL) and Functional Behavioural Assessment (FBA) are examined within a diversity of contexts. This course has, as its major focus, the essential knowledge and skills necessary for teachers working towards becoming leaders of behaviour support within their current school context.

EDU8510 BUILDING PEDAGOGICAL LEADERSHIP CAPACITY (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Education not elsewhere class) Band 1

This course is designed to bring theory and practice together in an authentic workplace setting. Students will therefore need to be active participants in an educational setting. Engagement with a range of pedagogies will focus students on investigating suitable approaches for their diverse contexts, cultures, organizational settings, external frameworks and learner needs. Research, reflective processes and professional conversations will be utilised to build the skills and knowledge for pedagogical leadership.

EDU8606 LIFELONG CAREER DEVELOPMENT (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Education Studies) Band 1

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

EDU8706 DIFFERENTIATION (FBELA - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Teacher Education: Special Edu) Band 1

EDU8706 will introduce the development of inclusive education and allow students to draw on their prior knowledge in this area. The link from inclusive education will be made to the concept of differentiation and other frameworks such as Universal Design for Learning, in order to address diverse learning needs in the inclusive classroom. There will be a particular focus on the practical nature of employing theory in the classroom. Through pedagogical strategies, students will have the opportunities to practice applying the principles of differentiated curriculum. This will assist in the development of effective skills for classroom teachers and special education personnel. In this course students will be supported in their understanding of how to modify content and resources, and deliver instruction that is differentiated for students with a range of abilities. This course also examines working with other educators through co-teaching and collaboration.

EDU8707 WELLBEING IN EDUCATIONAL CONTEXTS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Teacher Education: Special Edu) Band 1

EDU8707 aims to assist educators working in educational contexts to develop an in depth, working understanding of the complex ecology of human wellbeing and the key approaches to developing, implementing and embedding positive approaches to wellbeing in education settings. The course applies an ecological, contextual, systems-oriented approach to analyse contemporary theoretical positions to account for the increasing prevalence of impactors to wellbeing and explores enablers for wellbeing. Students investigate education wide wellbeing models in order to identify and generate universal, targeted and intense support processes and options that can be directly applied to current professional practice.

EDU8720 LEADING EDUCATIONAL ORGANISATIONS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Education Studies) Band 1

The course explores 'leadership in educational organisations' from a range of theoretical perspectives, including corporate/strategic, transformational/visionary and critical/educative as it applies to the action required given the context in which leadership action occurs. Importance to this understanding is the acknowledgment that leadership is the action of leaders and leadership can be not the province of the formal leader. As part of this exploration, the emergence of leadership frameworks in contemporary educational administration is traced through historical influences into current frameworks. Integral to this course is the development of an understanding of educational leadership as a key dimension in the reform of educational work places. Of particular importance is the relevance of different theories of leadership to the work of classroom practitioners. The concept of 'teachers as leaders', 'parallel leadership' and '3-C Leadership' that have been researched, conceptualised and articulated at the University of Southern Queensland are explored in detail in this course.

EDU8721 PROFESSIONAL LEARNING IN EDUCATIONAL ORGANISATIONS (FBELA - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Education Studies) Band 1

This course invites a reflective and critically evaluative view of professional learning, particularly as it pertains to leadership of professional learning in educational organisations. Students will examine professional learning perspectives and processes within educational organisations and apply this understanding as it pertains to their context. The role of communities of practice, professional learning communities, learning organisations and learning communities will be analysed in relation to the individual and the collective outcomes of professional learning. Professional learning within an educational organisation will be evaluated from the perspectives of processes for leading learning and constructs of leadership roles. For successful completion of this course, access is required to an educational setting where professional learning processes may be explored and developed.

EDU8722 ORGANISATIONAL CHANGE AND TRANSFORMATION (FBELA - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Education Studies) Band 1

This course consists of four modules. The first module is designed to set the context for the course, establishing the pressures for change in organisations - the way people work, the needs for ongoing professional learning and changing structures that reflect a response to changing practices. The second and third modules set the scene from a theoretical perspective. Different approaches to processes of organisational change are introduced and their underpinning concepts considered (including their implications for leadership practices). The concept of capacity building is given particular attention. The fourth module is more practical in its orientation and intent. Building on the first three modules, it explores how in a given context you can use processes that result in transforming organisations in relation to a particular school improvement process and capacity building model. This model allows exploration of how theory may translate into practice.

EDU8821 PROFESSIONAL PRACTICE IN SPECIAL/INCLUSIVE EDUCATION (FBELA - PGRD)

Semester 2 (EXT)Toowoomba
Units 1 (Teacher Education: Special Edu) Band 1

The course focuses on building the students' skills in identifying research evidence to support the implementation of evidence-based teaching practices in their professional settings. Students will use the evidence-based decision-making model to examine the current evidence base about what works best, what criteria can be developed to make decisions about student success, and how to select, implement, review and communicate research-supported teaching strategies that address identified student needs. Students will learn how to ask reliable and answerable questions about each type of evidence, where to search for strong evidence of each kind, and what criteria to apply to evidence concerning academic and behavioural strategies. The course will use readings, case studies, forum discussion and online tutorials to sensitise students to ideas, methods and techniques to support high quality, evidence-based decision-making. The course requires students to implement an evidence-based instructional practice that includes pre and post assessment, instructional delivery, progress monitoring and evaluation in their workplace or other approved sites. The course is a compulsory requirement for all MED (Special Education) students including registered teachers, who wish to gain a formal qualification in the area of special education and who already have the demonstrated relevant content knowledge background in the field. This course can be taken in conjunction with the completion of 3 Special Education electives. The professional experience is 25 days or equivalent. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EDX1000 EARLY READING INSTRUCTION (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfield (ONC)Springfield (ONC)Toowoomba
Units 1 (Teacher Education: Primary) Band 1

Pre-requisite: Students must be enrolled in: BECH or BEED or BPED or BGEN. BECH or BEED only: Enrolment is not permitted if EDX1170 or EHE1100 has been previously completed. BPED only: Enrolment is not permitted if EHF1100 has previously been completed.

This course is part of a suite of four English courses for primary and early childhood pre-service educators. The course will address early reading instruction by using an evidence-based framework that teaches pre-service teachers how to teach and assess oral language, metalinguistic awareness, phonemic awareness, phonics, fluency, vocabulary, comprehension and oral language to students from Kindergarten to Year Two. A variety of children's literature, including multimodal texts and ICTS will be used.

EDX1250 ARTS CURRICULUM AND PEDAGOGY 1: DANCE, DRAMA, MEDIA ARTS, MUSIC AND VISUAL ARTS (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfield (ONC)Toowoomba (ONC)Springfield
Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: UCTP or BEDU (Early Childhood) or BEDU (Primary) or BEDU (Primary + Special Ed) or BEDU (Special Ed) or BEDU (HPE Primary) or BEDU (SHPE Primary) or BECH or BGEN or BEED or BPED

This foundation course explores how the five arts subjects of The Australian Curriculum - The Arts: Dance, Drama, Media Arts, Music and Visual Arts can be planned, taught, and experienced by a diverse range of learners. To effectively engage diverse learners in arts-based learning activities teachers must develop arts-specific knowledge including the skills and pedagogy to assist a range of learners. Through this course pre-service educators will develop understanding about the unique nature of the arts and develop their skills to encourage and guide learners to explore and represent their ideas, develop skills and techniques in a range of arts forms, share artworks through performance, presentation or display and respond to and interpret artworks. Although the five arts forms have close relationships and are often used in interrelated ways this course will also focus on their individual practices, terminology and unique contribution to society. The multiple roles of teachers including how to access specialist services such as visiting performances and teacher professional development will also be included to emphasise the importance of engaging in professional learning and with the school and wider community.

EDX1270 ENGLISH CURRICULUM AND PEDAGOGY IN LOWER PRIMARY (FBELA - UGRD)

Semester 2 (ONC)Springfield (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfield (ONC)Toowoomba
Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: Students must be enrolled in: BEDU (Early Child or Primary or Primary+Special Ed or Special Ed or HPE Primary or SHPE Primary) or BECH or BGEN or BEED or BPED. Enrolment is not permitted in EDX1270 if EHE1100 has been previously completed.

This course is part of a suite of four English courses for primary pre-service educators. The course provides foundational knowledge and skills to teach English literacy with a specific focus on the needs of lower primary students. A variety of approaches to the teaching of English are explored, including appropriate play-based methods. Children's literature will be explored in order to develop a flexible repertoire of practices and resources that assist planning.

EDX1450 HPE CURRICULUM STUDIES 1 (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONC)Toowoomba (ONC)Springfield (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfield

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BEDU (Early Childhood) or BEDU (Primary) or BEDU (Special Education) or BEDU (HPE Primary) or BEDU (SHPE Primary) or BECH or BEDU (HPE Secondary) or BEED or BPED

Pre-service educators will experience and apply pedagogical and curriculum considerations for facilitating engaging, inclusive, developmentally appropriate and safe learning environments for HPE. They develop a range of understandings and competencies for interpreting and managing the HPE environment for teaching and learning. A central tenet of HPE is an inclusive curriculum that seeks to enhance the learning opportunities for all children and incorporates the social justice principles of equity, diversity and supportive environments. Design of relevant learning experiences aligned with assessment processes; management of classes and environments; incorporating pertinent general capabilities into the learning context, and the impact of these considerations on the enacted curriculum are explored. Pre-service educators have the opportunity to analyse, apply and evaluate skills and develop confidence in effective teaching styles for HPE through planning and micro-teaching. Through engagement in course learning experiences, it is expected that students will become increasingly independent practitioners and develop competence in sourcing current, accurate information and appropriate resources for HPE.

EDX2170 ENGLISH CURRICULUM AND PEDAGOGY IN MIDDLE PRIMARY (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: EDX1170 or EHE1100 or EDX1270 and Students must be enrolled in one of the following Programs: BEDU (Primary) or BEDU (Primary + Special Education) or BEDU (Special Education) or BEDU (HPE Primary) or BEDU (SHPE Primary) or BPED

This is the second in a suite of three English courses undertaken by all primary pre-service teachers. It examines current theories and issues in English and literacies education and the implications for curriculum and pedagogy. By studying a variety of approaches to the teaching of reading and writing and the use of children's literature, pre-service teachers develop a flexible and balanced repertoire of practices. This course addresses the macro and micro-elements of English curriculum planning and emphasises meaning-making through the explicit teaching of reading and writing.

EDX2190 HUMANITIES AND SOCIAL SCIENCES: EVOKING CURIOSITY (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BEDU (Early Childhood) or BEDU (Primary) or BEDU (Primary + Special Education) or BEDU (Special Education) or BEDU (HPE Primary) or BEDU (SHPE Primary) or BECH or BEED or BPED

The aim of this course is to explore the framework of the Humanities and Social Sciences Learning Area in the Australian Curriculum. Pre-service educators in this course will develop an understanding of the sub-strands of Humanities and Social Sciences (History; Geography; Civics and Citizenship; and Economics and Business) through an interdisciplinary approach. The key ideas and concepts of the sub-strands are central to understanding the curriculum scope and sequence. They also provide the contexts through which the particular knowledge and understanding, and inquiry and skills are developed. Complementing this curriculum framework, the pedagogy, encompassing inquiry learning, questioning and reflecting, is a focus of this course, both in theory and in practice. Pre-service educators will embed the Cross-Curriculum Priorities and General Capabilities, when designing from the Australian Curriculum, to integrate them into a teaching and learning sequence. HASS draws on learners' growing experience of community and the wider world.

EDX2260 TEACHING SCIENCE IN EARLY PRIMARY (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BEDU (Early Childhood) or BEDU (Primary) or BEDU (Primary + Special Ed) or BEDU (Special Ed) or BEDU (HPE Primary) or BEDU (SHPE Primary) or BECH or BEED or BPED

This is the first course in a suite of two compulsory courses supporting the teaching and learning of primary science. Pre-service educators will learn about the nature of science and the organisation and structure of the Australian Curriculum: Science. They will develop an understanding of the content and pedagogical content knowledge required to teach all four Science Understanding sub-strands from the curriculum across Years F-3. Pre-service educators will apply this understanding in the development and implementation of science lesson plans. This course allows pre-service educators to experience collaborative learning and to consider the integration of literacy and numeracy with science.

EDX3160 TEACHING SCIENCE AND DESIGN TECHNOLOGY (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: EDX2260 and Students must be enrolled in one of the following Programs: BEDU (Primary) or BEDU (Primary + Special Education) or BEDU (Special Education) or BEDU (HPE Primary) or BEDU (SHPE Primary) or BPED

This is the second course in a suite of two supporting the teaching and learning of primary science. Pre-service teachers will advance their understanding of the nature of science and the organisation and structure of the Australian Curriculum: Science. They will develop an understanding of the content and pedagogical content knowledge required to teach all four Science Understanding sub-strands across Years 3 - 6, and how children learn science. Pre-service teachers will apply these understandings in the development and implementation of science units of sequential lesson plans. They will develop assessments to provide diagnosis of prior learning and feedback on the progress of learning. Pre-service teachers will experience collaborative and problem-based learning strategies, and will be required to demonstrate how they can integrate ICT and design technology with science for diverse learners.

EDX3270 ENGLISH CURRICULUM AND PEDAGOGY IN UPPER PRIMARY (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-req: EDX2170 and Students must be enrolled in: BEDU(Primary) or BEDU(Primary+SpecEd) or BEDU(SpecEd) or BEDU(HPE Primary) or BEDU(SHPE Primary) or BPED BEDU(SpecEd) Only - Enrolment is not permitted in EDX3270 if EDC2300 has been previously completed

This is the final in a suite of three English courses undertaken by all primary pre-service teachers. Through the application of a Multiliteracies Pedagogy, pre-service teachers develop an understanding of the macro and micro-elements of English curriculum planning, assessment and pedagogical approaches for upper primary learners. The further application of the Four Resources Model emphasises text analysis and genre-based approaches to the transformation of texts and learners in the English classroom.

EDX3280 MATHEMATICS IN MIDDLE AND UPPER PRIMARY (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: EDX1280 or EHM1200 and Students must be enrolled in one of the following Programs: BEDU (Primary) or BEDU (Primary + Special Education) or BEDU (Special Education) or BEDU (HPE Primary) or BEDU (SHPE Primary) or BPED

This is the second course in a suite of three that focuses on the teaching of mathematics. It is a core course that provides the theoretical underpinnings and foundational knowledge required to teach mathematics in the middle and upper primary school context (3-6). Throughout this course pre-service teachers will continue to explore the evidence-based practices introduced in EDM1200 Mathematics in Early Primary. Such practices are centred on promoting understanding, fluency, problem solving and reasoning in teaching and learning, and are set within the content strands of number and algebra, measurement and geometry, and statistics and probability. At the completion of this course pre-service teachers should have a deep understanding of how children learn mathematics, and be able to draw on this understanding and curriculum documentation to identify critical progression points for mathematical learning and teaching. An approach to teaching that is based on thinking strategies rather than rote procedures will be emphasised.

EDX4150 TRANSITIONS IN POST-COMPULSORY EDUCATION (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: ESP2200 or EDS2402 and Students must be enrolled in one of the following Programs: BEDU or BSED

This course utilises policy analysis, case studies, critical analysis and reflective writing to assist pre-service teachers to develop a framework for knowledge and understanding of students' changing needs and circumstances as they negotiate their senior phase and make the transition to post-compulsory learning and employment. Pre-service teachers will also consider and critically reflect on changing expectations of secondary schools and teachers with respect to career development and lifelong learning and consider implications for their professional practice with respect to curriculum, pedagogy, leadership and collaboration.

EDX4350 WELFARE AND WELLBEING IN EDUCATION (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

In this course you will participate in a range of learning activities that develop your knowledge of warning signs of mental health problems and/or illness, and the curriculum and pedagogical approaches you can employ to promote wellbeing. You will investigate trauma-informed learning and develop your awareness of the signs of domestic and family violence; and awareness and understanding of the prevention of child sexual abuse. You will be introduced to a health promotion model that will allow you to explore practical and innovative ways to promote health-enhancing cultures in your classrooms. You will also have opportunity to reflectively explore the implications of teacher wellbeing and health in learning communities.

EHM1200 MATHEMATICS IN EARLY PRIMARY (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONL)Toowoomba (ONC)Springfld

Units 1 (Teacher Education not elsewhere) Band 1

Students must be enrolled in: BEDU(EarlyChild/Prim/Prim+SpecEd/SpecEd/HPE Primary/SHPE Prim) or BEED or BPED or BECH or UCTP Pre-req: BEDU(EarlyChild) or BEED Only - ECM1100 or EDX3280 Enrolment is not permitted if EDX1280 has been previously completed

This course focuses on the teaching of mathematics to children at different stages of schooling. This course is focused on the early years and has been designed to introduce pre-service educators to mathematics teaching and learning in the first three years of school (Foundation to Year 3). Throughout the course, pre-service educators will become familiar with the three curriculum content strands (number and algebra, measurement and geometry, and statistics and probability), and also the proficiency strands of the Australian Curriculum: Mathematics. They will gain an awareness of the place of mathematics within the Early Years Learning Framework, at home and within the wider community, and will be supported to develop effective pedagogical strategies to build on this mathematics in the primary school context. An approach to teaching that is based on thinking strategies rather than rote procedures will be emphasised using curriculum, assessment and reporting knowledge to design learning sequences and lesson plans.

EHT4100 DIGITAL TECHNOLOGIES ACROSS THE CURRICULUM (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Teacher Education not elsewhere) Band 1

Students must be enrolled in: BEDU (EarlyChild,Primary, Primary+SpecialEduc,SpecialEduc,HPEPrimary, SHPEPrimary,Secondary) or BEED or BPED or BSED or BDIT BEDU(EarlyChild) or BEED only - Enrolment is not permitted if EDC3100 has been previously completed

The aim of this course is to prepare graduates to implement digital technologies across the Curriculum. Pre-service educators in this course will develop an understanding of the use of digital technologies as a general capability across early childhood, primary and secondary contexts by emphasising its application in curriculum and pedagogy. This course will focus on building understanding of the relevant curriculum documents, including the Australian Curriculum and the Early Years Learning Framework with pre-service educators understanding how to embed Cross-Curriculum Priorities and General Capabilities, or how to integrate them into their teaching and learning practices.

ELE1301 COMPUTER ENGINEERING (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

(ONL)Toowoomba (ONC)Toowoomba

Units 1 (Computer Engineering) Band 2

Using the Arduino Uno as a base, this course aims to develop a fundamental understanding of the operation of the digital computer. It includes digital logic fundamentals; number systems; design and programming of microcontroller systems; analogue to digital and digital to analogue conversion; input/output methods; general interface techniques and an introduction to PLCs with practical examples.

ELE1502 ELECTRONIC CIRCUITS (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba

(ONC)Toowoomba (ONC)Springfld

Units 1 (Electronic Engineering) Band 2

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

ELE1801 ELECTRICAL TECHNOLOGY (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba

(ONC)Springfld (ONC)Toowoomba

Units 1 (Electrical Engineering) Band 2

Pre-requisite: ENM1500 or ENM1600 or Students must be enrolled in one of the following Programs: MEPR or GCEN or GEPR

In this course students will study and apply the fundamental theories and principles which underpin electrical engineering. In addition, students will develop and practice the application of these principles and theories to understand and analyse more complex electrical systems and equipment such as electric motors and generators, transformers, three-phase supply systems and electrical circuit design.

ELE1911 ELECTRICAL AND ELECTRONIC PRACTICE A (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba
Semester 3 (EXT)Toowoomba
Units 0 (Electrical, Electronic Engineer) Band 2

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

ELE2101 CONTROL AND INSTRUMENTATION (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONL)Toowoomba
Units 1 (Electrical, Electronic Engineer) Band 2

Pre-requisite: ENM1500 or ENM1600 or Students must be enrolled in one of the following Programs: MEPR or GCEN or GEPR

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

ELE2103 LINEAR SYSTEMS AND CONTROL (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Electrical, Electronic Engineer) Band 2

This fundamental engineering course enables students to investigate engineering processes, represent them in models and predict their dynamic behaviours from a systems point of view. Through this course students study the essential skills for the analysis, modification and achievement of specific behaviour in dynamic systems, and how to control the performance of dynamic systems.

ELE2303 EMBEDDED SYSTEMS DESIGN (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld
Units 1 (Computer Engineering) Band 2
Pre-requisite: ELE1301

This course develops the techniques required for the design, development, and application of embedded systems. It includes microcomputer architecture; C language programming; Input/Output methods and interface techniques for parallel and serial, synchronous and asynchronous systems, and programmed and multiple interrupt Input/Output. It utilises hardware and software examples for standard interfaces as a basis for developing embedded applications for 8-bit microcontrollers. A hardware and software design project is used to develop practical design skills.

ELE2501 ELECTRONIC WORKSHOP AND PRODUCTION (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Electrical, Electronic Engineer) Band 2

Pre-requisite: (ELE1502 and ELE1301) or Students must be enrolled in the following Program: GCEN

The information presented in this course will provide the necessary background to manufacturing processes, design techniques and the manual skills necessary to develop a final product. The aim of this course is to enable the student to comprehend the principles of modern manufacturing processes and to acquire competency in the design, construction and documentation of electronic equipment in cluding both hardware and software. The principles of component selection, printed circuit design using CAD software, fabrication and assembly techniques are addressed and modern automated assembly using surface mount technology is introduced.

ELE2503 ELECTRONIC SYSTEMS (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba
Units 1 (Electronic Engineering) Band 2

Pre-requisite: ELE1502 or Students must be enrolled in the following Program: GCEN or GEPR Students cannot be enrolled in ELE2503 and ELE2504 in the same semester Enrollment is not permitted in ELE2503 if ELE2504 has been previously completed

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

ELE2504 ELECTRONIC DESIGN AND ANALYSIS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Electronic Engineering) Band 2

Pre-requisite: ELE1502 or Students must be enrolled in one of the following Programs: MEPR or GDNS or MENS or GCNS or GCEN or GEPR Students cannot be enrolled in ELE2503 and ELE2504 in the same semester

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

ELE2601 TELECOMMUNICATIONS PRINCIPLES (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Communications Technologies) Band 2

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

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

ELE2702 ELECTRICAL MEASUREMENT AND ANALYSIS (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld

Units 1 (Electrical Engineering) Band 2

Pre-requisite: (ENM1500 or ENM1600) and ELE1801 or Students must be enrolled in the following Program: GCEN

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

ELE2704 ELECTRICITY SUPPLY SYSTEMS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Electrical Engineering) Band 2

Pre-requisite: ELE1801 or Students must be enrolled in one of the following Programs: MEPR or GCEN or METC or GEPR

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

ELE2912 ELECTRICAL AND ELECTRONIC PRACTICE B (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

Semester 3 (EXT)Toowoomba

Units 0 (Electrical, Electronic Engineer) Band 2

Pre-requisite: (ELE1301 and ELE1502 and ELE1801) or Students must be enrolled in one of the following Programs: GDNS or MENS

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

ELE2913 ELECTRICAL AND ELECTRONIC PRACTICE C (FHESC - UGRD)

Semester 2 (ONL)Toowoomba

Units 0 (Electrical, Electronic Engineer) Band 2

Pre-requisite: (ELE1301 and ELE1502 and ELE1801) or Students must be enrolled in one of the following Programs: GDNS or MENS

The purpose of this practice course is to provide experimental support for the 2nd and 3rd levels of all programs in Electrical & Electronic, Computer Systems and Power Engineering. This practice course provides equipment familiarisation and safety information, experience with prototyping together with experimental work in Power Electronics, Electronic Circuits and Circuit Characteristics, Embedded Computing, Process Control and Applied Control Techniques. The main objectives are to allow the student to develop practical skills; a knowledge of devices, equipment and techniques; reinforce the learning of theory; develop observation and interpretation skills; stimulate interest and develop self-confidence.

ELE3105 COMPUTER CONTROLLED SYSTEMS (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld

Units 1 (Electrical, Electronic Engineer) Band 2

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

Students will learn how analog signals and systems can be discretised using sampling theory and represented in Z-transform. For these digitalized signals and systems, Students will study how controllers can be implemented in computer codes, and finally how a complicated system including advanced controller can be designed, implanted and evaluated in real world or/and through simulations.

ELE3107 SIGNAL PROCESSING (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Electrical, Electronic Engineer) Band 2

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

ELE3305 COMPUTER SYSTEMS AND COMMUNICATIONS PROTOCOLS (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Computer Engineering) Band 2

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

ELE3506 ELECTRONIC MEASUREMENT (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Electronic Engineering) Band 2

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

Students will comprehend the physical principles of making accurate, precise and trustworthy measurements, particularly of small quantities (microvolts, microamperes). They will be able to specify and evaluate equipment for a given measurements task, requiring an appreciation of electronic measurement systems. At the system level students will have an awareness of the range, operating principles and limitations of commercial test equipment. At the circuit level students will understand the effects and minimisation of interference, configurations of certain commonly employed circuits such as the Phase Lock Loop and frequency synthesis, and the choice of components and construction details. Students will also study elements of electromagnetic compatibility, as well as implementation of measurement systems regarding human and environmental impacts.

ELE3803 ELECTRICAL PLANT (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Electrical Engineering) Band 2

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

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

ELE3805 POWER ELECTRONICS PRINCIPLES AND APPLICATIONS (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Units 1 (Electrical Engineering) Band 2

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

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

ELE3914 ELECTRICAL AND ELECTRONIC PRACTICE D (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

Semester 3 (EXT)Toowoomba (EXT)Toowoomba

Units 0 (Electrical, Electronic Engineer) Band 2

Pre-requisite: (ELE1801 and ELE1301 and ELE1502) or Students must be enrolled in one of the following Programs: MENS or MEPR

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

ELE3915 ELECTRICAL AND ELECTRONIC PRACTICE E (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (EXT)Toowoomba

Units 0 (Electrical, Electronic Engineer) Band 2

Pre-requisite: ELE1801 and ELE1301 and ELE1502 or Students must be enrolled in one of the following Programs: MENS or MEPR

This is the final technical practice course for Bachelor of Engineering students majoring in Electrical and Electronic or Computer Systems Engineering. This course provides experimental work and project work in the areas of automatic electronic test equipment, applied control, computer systems, networking, Internet of Things and VoIP systems. The principle objectives are to allow the student to develop knowledge of techniques, apply theory and interact with phenomena in real situations, and further develop problem identification and solution skills together with a capacity for self-learning. A significant proportion of the course is devoted to group based project work. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students.

ELE4109 MEASUREMENT SCIENCE AND INSTRUMENT ENGINEERING (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Electrical, Electronic Engineer) Band 2

This course does NOT present a traditional catalogue of standard measurement techniques. In consequence this is a design-oriented course which seeks to develop cross-disciplinary skills in fundamental areas including the use of the Measurement Process Algorithm; the physics, classification and selection of sensors and transducers; theory of scales and standards; signals, systems and modelling techniques; evaluation of available technologies; manufacturing; economic and management implications. Advanced topics will be drawn from: fibre optic and silicon sensors; distributed sensing; rule based and fuzzy sensing; multisensor systems and sensor fusion; intelligence and mechatronics in instruments; and tactile sensing. This course is appropriate for students with a range of backgrounds in the senior or honours years of an engineering or science degree with an appropriate electronics background.

ELE4307 REAL TIME SYSTEMS (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Units 1 (Computer Engineering) Band 2

Pre-requisite: ELE1301 or Students must be enrolled in one of the following Programs: GCNS or GDNS or MENS or MEPR

This course aims to give students exposure to the concepts related to real time systems and event driven programming, together with practical experience in the design of advanced engineering computer applications using low level operating system functions and hardware devices.

ELE4506 INDUSTRIAL PROCESS AUTOMATION (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Industrial Engineering) Band 2

Pre-requisite: (ELE2101 or ELE2103) and ELE3105 and MEC2501 or Students must be enrolled in the following program: GCNS or GDNS or MENS or MEPR

This is the capstone course in the Instrumentation Control and Automation major. Students will identify, quantify and model subsystems within standard industrial processes. They will gain an appreciation of the safety and reliability aspects of system design.

ELE4605 FIELDS AND WAVES (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Communications Technologies) Band 2

Pre-requisite: (MAT1502 or ENM1600) and ELE2103 and ELE2601 or Students must be enrolled in one of the following Programs: MEPR or MENS or GCNS or GDNS

Students will comprehend the nature of electric and magnetic fields associated with voltage and currents and how these may be similarly propagated as a travelling wave where such fields constitute the basis of electrical machines and are the cause of much unwanted interference. Students will gain an understanding of both wave propagation and electro-magnetic fields and their application to a wide range of electrical engineering designs.

ELE4606 COMMUNICATION SYSTEMS (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba (ONC)Springfld

Units 1 (Communications Technologies) Band 2

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

Students will gain an appreciation to the methods used to create communication systems across three broad areas of techniques and methods; systems and components; and real world applications. Students will study a wide range of relevant communication topics including phase locked loops, noise, modulation methods, electro magnetic propagation, antennas and optical fibre communication. The utility of these topics is illustrated by reference to existing communication systems such as telephone networks, TV/DTB, modern cellular mobile systems, microwave radio, radio navigation aids, and satellite communication systems.

ELE4607 ADVANCED DIGITAL COMMUNICATIONS (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Communications Technologies) Band 2

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

This course examines the methods used for coding, transmitting and storing continuous signals such as speech, music, images and video. The course covers such topics as data compression, encryption, and error control in a digital transmission system. 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.

ELE4708 ELECTRICITY SUPPLY SYSTEMS AND OPERATIONS (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld

Units 1 (Electrical Engineering) Band 2

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

This course applies the principles and practical aspects of generation, transmission distribution and control of electrical energy and associated operations. On successful completion of this course, the student should be able to discuss the technical, environmental and economic considerations of planning and operating different types of electrical plant (generators, transformers, circuit breakers, cables, insulators and transmission lines), as well as principles of substation layout, control, instrumentation and protection and understand how the Australian National Electricity Market operations interact with these technical aspects of generation and transmission. The student should also be aware of the theoretical principles of system operation and associated stability, load flow, and fault analysis of power systems using computing software tools.

ELE4804 POWER SYSTEMS PROTECTION (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Electrical Engineering) Band 2

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

In this course the fundamental concepts, principles and methodologies associated with power system fault analysis and commonly used protection schemes shall be analysed and studied. Upon successful completion of this course, students will have an understanding of key power system protection performance and operational concepts as well as how these systems are implemented within a practical power network.

ELE4807 POWER SYSTEMS ANALYSIS (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Electrical Engineering) Band 2

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

ELE5001 INDUSTRIAL COMMUNICATIONS PROTOCOLS (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Communications Technologies) Band 2

Pre-requisite: ELE2601 or Students must be enrolled in the following Program: GCNS, GDNS, MENS or MEPR

The course focuses on industrial control networks. It builds upon knowledge and skills developed in undergraduate courses on data communication systems typically covering traditional local area network protocols such as Ethernet and higher level protocols such as TCP/IP. The major differences between industrial networks and traditional computer networks are considered in detail. Factors influencing the choice of industrial communication protocols for given applications are analysed and network performance parameters are deduced and evaluated.

ELE5605 ELECTRO-MAGNETIC MODELLING (FHESC - PGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Electrical Engineering) Band 2

Pre-requisite: ELE4605 or Students must be enrolled in one of the following Programs: MENS or MEPR or GCNS or GDNS

The course consists of three parts: electrostatic modelling, low frequency electromagnetic modelling and high frequency electromagnetic modelling. As an example assessment will include (but is not limited to) bushing design, power transformer design, antenna design and EMI shielding.

ELE5805 POWER ELECTRONICS AND DRIVE SYSTEMS (FHESC - PGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Electrical Engineering) Band 2

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

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

EMP2030 EMPLOYABILITY AND PROFESSIONAL SKILLS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Human Resource Management) Band 7

This course is designed to provide students with opportunities to gain insight into contemporary career issues and to develop their employability and professional skills. It will provide students with a solid understanding of current graduate recruitment processes and strategies for positioning themselves well during these. Furthermore, students will be encouraged to consider a holistic approach to work, which takes into account the importance of seeking a work-life balance which enables continued personal growth. Students will be enabled to begin building a global professional profile which incorporates social media, to develop strategies which will enable them to understand and excel in the recruitment process, and to identify continuing professional development opportunities beyond their university studies. The course content will include exploring future work skills, building a professional profile, networking, excelling in the recruitment process, developing an entrepreneurial mindset, conducting ethical practice and advocating to address social issues. The course contains a blend of theory, research, practical activities, industry and alumni guest speakers and problem solving.

ENG1002 INTRODUCTION TO ENGINEERING AND BUILT ENVIRONMENT APPLICATIONS (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

Units 1 (EnginTech not classified) Band 2

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

ENG1003 PROBLEM SOLVING IN ENGINEERING AND THE BUILT ENVIRONMENT (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (EnginTech not classified) Band 2

This course provides students with a foundation for solving problems in Engineering, Construction Management and Spatial Science. The course emphasises the development of critical thinking skills, information literacy, communications, time and resource management, and teamwork. In this course, students are introduced to the problem solving process and to a number of problem solving strategies and approaches.

ENG1004 ENGINEERING PROBLEM SOLVING PRINCIPLES (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (EnginTech not classified) Band 2

The course covers the fundamental principles of engineering problem solving. It emphasises the development of skills in problem solving, critical and analytical thinking, reflective thinking, data analysis, information literacy, communication, time and resource management, and teamwork. It introduces students to the problem solving cycle and to a number of analytical tools and approaches for solving problems. Completion of a team-based project allows students to demonstrate and reinforce the skills and knowledge acquired during the course.

ENG1100 INTRODUCTION TO ENGINEERING DESIGN (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld

Semester 2 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Computer Graphics) Band 2

This fundamental engineering course introduces the principles and methods of engineering design. Students will be given the opportunity to experience engineering design methods in a multi-disciplinary environment. This course involves students in a number of hands-on design and engineering projects through individual and team activities. Design/project work will be complemented with the development of the student's drafting skills and CAD expertise. In this course, students acquire skills in areas of engineering design, drafting/CAD, report writing, decision-making and problem solving.

ENG1901 ENGINEERING PRACTICE 1 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld

Semester 2 (EXT)Toowoomba (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba

Semester 3 (EXT)Toowoomba (EXT)Toowoomba

Units 0 (EnginTech not classified) Band 2

This course is the first of a series of Practice courses that are intended to enable students to acquire engineering and professional practice skills. Engineering practice skills, such as the ability to perform practical and project work, innovation, problem identification and solution, and engineering judgement, will be developed as students progress through their programmes of study through activities such as laboratory and field work, engineering problem solving and design and project work. Students will generally work in teams to assist with the building of group interaction skills such as negotiation and inter active thinking. The development of other professional practice skills, such as written and oral communication, is also encouraged in the engineering practice courses. In this introductory course, external students will attend a residential school and undertake practical work primarily in the areas of instrumentation and measurement, or 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 utilise these resources in the compilation of their reports and seminars. A series of keynote addresses will be staged to assist students with their task. On campus students will also undertake practical work in the areas of instrumentation and measurement, or engineering materials and manufacturing, and will be required to prepare a comprehensive report and to present a seminar. For these students, the practical work will be performed throughout the semester. All students will be introduced to the Workplace Health and Safety Act and will undertake a preliminary workplace health and safety exercise. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students.

ENG2002 TECHNOLOGY, SUSTAINABILITY AND SOCIETY (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Semester 3 (ONL)Toowoomba

Units 1 (EnginTech not classified) Band 2

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

ENG2111 ENGINEERING ASSOCIATE DEGREE DESIGN PROJECT (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba

Units 1 (EnginTech not classified) Band 2

Pre-requisite: ENG1100 and (ENG1101 or ENG1003)

Students will work in small teams on design based projects that enable them to demonstrate problem solving and design optimisation skills. Completion of the chosen project shall validate their achievement of the graduate attributes required for an Engineering Associate. Each group of students will work on an engineering related project for which they will collectively develop design options, carry out cost-benefit analysis and recommend a solution that is optimised within safety sustainability requirements. Suggested project topics from industry are welcome, but may not be offered in the same year as proposed to ensure thorough vetting by the staffing team. Working in teams will reinforce students' group interaction skills such as negotiation and interactive thinking. The available projects will require students to apply and integrate their discipline-specific skills and knowledge acquired during their Associate Degree program.

ENG2909 WORK EXPERIENCE - ASSOCIATE (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 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. Students will prepare entries in their ePortfolio reflecting on how their work experience has contributed to the development of UniSQ Graduate Capabilities relevant to their engineering major. A diary with regular entries must be maintained and periodically certified by the work experience provider as a true and faithful record of the hours the student has completed. The ePortfolio prepared for ENG2909 may be useful later in preparing the required documentation when applying to Engineers Australia for registration as a Chartered Engineering Officer. Students are advised to contact the engineering placements team via engineering.placements@usq.edu.au if they have any questions about the process of finding and gaining approval for a placement. Both on-campus and external students will be required to submit their ePortfolio and work diary electronically for review and assessment by the due date to permit timely assessment.

ENG3003 ENGINEERING MANAGEMENT (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Semester 3 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (EnginTech not classified) Band 2

In this course, a selected number of qualitative management topics will be explored including strategic planning, organisational design, effective leadership, management control, HRM, sustainability, behavioural science and motivation, teamwork, communication, and social-cultural considerations. Importantly for engineering practice, aspects of contract law, engineering contracts, product liability and professional negligence, engineering ethics, workplace health and safety, risk management, intellectual property, managing innovation, and the engineering profession will also be explored. Many of these theories, strategies, and qualitative methods explored in this course are used, not only in engineering industries and project work, but also in the management of other operations.

ENG3104 ENGINEERING SIMULATIONS AND COMPUTATIONS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba
Units 1 (EnginTech not classified) Band 2
Pre-requisite: (ENM2600 or MAT2100 or MAT2500) or Students must be enrolled in one of the following Programs: GDET or METC or GDNS or MENS

Skills in programming will be taught using a scripting language and assessed via a range of numerical computation exercises. The student will develop skills in problem solving within an engineering context. A number of real world problems and case studies provide the basis for meeting this objective. Advanced numerical techniques and programming skills for the handling of non-linearity, where it is impossible to solve problems analytically through the usage of algebra and calculus, will be learnt.

ENG3111 TECHNOLOGY DESIGN PROJECT (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (EnginTech not classified) Band 2
Pre-requisite: (ENG2102 or ENG1003 or ENG1101) and Undergraduate students must have completed 14 courses in their program.

In this course, the widest implications of a service, product, or process are considered at the project design stage, including not only the technical interactions of the various subsystems, but also the financial, ethical, political, sociological, and socio-economic implications. This course leads the student to an understanding of the philosophy and methodology of the design process in the context of systems which embrace political, sociological, economic, technical, and ergonomic aspects. The Technology Design Project is the capstone project course in the three-year Bachelor of Engineering Science program. The project is team-based with students working in small groups of four students drawn from a specific discipline area. Each team will work on a broadly specified project drawn from a list recommended by staff. The project is intended to enable students to demonstrate their attainment of in-depth design skills with a definite deliverable in the form of a detailed report accompanied by engineering drawings and related calculations. The experience gained in this course will enhance a student's ability to perform project work, to be innovative, to solve problems and identify solutions, thereby developing engineering judgement. This is a senior course and it is assumed that the student has the maturity, knowledge and skills base commensurate with having completed the first two years of their undergraduate course.

ENG3300 INDUSTRY EXPERIENCE EVALUATION PORTFOLIO (FHESC - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (EnginTech not classified) Band 2
Pre-requisite: Students must be enrolled in the BENS engineering practice sub-plan pathway.

The focus of this gateway course ENG3300 is development of the student's professional engineering perspective and formation in professional engineering practice by a number of assignments to: - Demonstrate professional competencies benchmarked to the EA stage 1 technologist, based on appropriate experiences. - Develop and demonstrate the written communication skills that confirm the level of experience through the reflective writing of Career Episode Reports. - Categorise and benchmark their industrial technologist experience to the broader discipline EA Stage 2 Technologists (Chartered Technologist) competency elements and attributes.

ENG3902 PROFESSIONAL PRACTICE 1 (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba
Units 0 (EnginTech not classified) Band 2
Pre-requisite: Students must be enrolled in one of the following Programs: BCNH or BCOC or BEBB or BEBC or BEHB or BEHL or BEHS or BENG or BENH or MENS

This course focuses on a range of generic, transferable skills, rather than specific technical skills. Most activities are not discipline-specific and activities include consulting with supervising staff, a lecture and attendance at the annual "Project Conference" in which ENG4903 Professional Practice 2 students present their completed project work to other students, staff and members of various professions. Students will also participate in, and report on, a range of laboratory sessions, demonstrations, seminars and workshops provided by staff of the Faculty, the wider university and by industry representatives. Students are required to choose and self-organise the completion of similar activities off campus. These professional development activities seek to provide the student with insights into the "cutting edge" of current engineering and built environment practice. This course contains a mandatory residential school for both external and on-campus students.

ENG3909 WORK EXPERIENCE - TECHNOLOGIST (FHESC - UGRD)

Semester 1 (ONL)Toowoomba
Semester 3 (ONL)Toowoomba
Units 0 (EnginTech not classified) Band 2

Students must complete a minimum of 45 days of professional practice in their discipline or closely related field to be eligible to graduate from the Bachelor of Engineering Science 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. Students will prepare entries in their ePortfolio reflecting on how their work experience has contributed to the development of UniSQ Graduate Capabilities relevant to their engineering major. A diary with regular entries must be maintained and periodically certified by the work experience provider as a true and faithful record of the hours the student has completed. The ePortfolio prepared for ENG3909 may be useful later in preparing the required documentation when applying to Engineers Australia for registration as a Chartered Engineering Technologist.

ENG4004 ENGINEERING PROJECT AND OPERATIONS MANAGEMENT (FHESC - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (EnginTech not classified) Band 2

In this course, a selected number of analytical techniques will be explored including network analysis, project management, linear programming, statistical analysis and micro-economic functions. Many of these quantitative methods explored in this course are used, not only in engineering production and project work, but also in the management of other operations.

ENG4110 ENGINEERING RESEARCH METHODOLOGY (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba
Units 1 (EnginTech not classified) Band 2

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

ENG4111 RESEARCH PROJECT PART 1 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba
Units 1 (EnginTech not classified) Band 2
Pre-requisite: ENG3902 and ENG4110 and Students must be enrolled in one of the following Programs: BCNH or BCOC or BEBB or BEBC or BEHB or BEHL or BEHS or BENG or BENH Undergraduate students must have completed 22 units in their program.

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

ENG4112 RESEARCH PROJECT PART 2 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba
Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld
Units 1 (EnginTech not classified) Band 2
Pre-requisite: ENG4111 and Students must be enrolled in one of the following Programs: BCNH or BCOC or BEBB or BEBC or BEHB or BEHL or BEHS or BENG or BENH

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

ENG4903 PROFESSIONAL PRACTICE 2 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba
Semester 2 (EXT)Toowoomba (EXT)Toowoomba
Units 0 (EnginTech not classified) Band 2
Pre-requisite: ENG3902 and Students must be enrolled in: BCNH or BCOC or BEBB or BEBC or BEHB or BEHL or BEHS or BENG or BENH or MENS. Students cannot enrol in ENG3902 & ENG4903 in the same semester. Co-requisite: ENG4111 or ENG4112 or ENG8411 or ENG8412

A major part of all engineering and spatial science project work is the appropriate communication of the outcome. This course provides guidance and experience in both verbal (seminar) and written reporting skills and is undertaken to complement the final year project courses at of the degree. The presentation of a major seminar on the work undertaken during the final year project is a requirement for the completion of this course. This course contains a mandatory residential school for both external and on-campus students. It also includes mandatory on-campus workshop sessions for on-campus students.

ENG4909 WORK EXPERIENCE - PROFESSIONAL (FHESC - UGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Semester 3 (ONL)Toowoomba
Units 0 (EnginTech not classified) Band 2

Students must complete a minimum of 60 days of professional practice in their discipline or closely related field to be eligible to graduate from the Bachelor of Engineering (Honours) 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. Students will prepare entries in their ePortfolio reflecting on how their work experience has contributed to the development of UniSQ Graduate Capabilities relevant to their engineering major. A diary with regular entries must be maintained and periodically certified by the work experience provider as a true and faithful record of the hours the student has completed. The ePortfolio prepared for ENG4909 may be useful later in preparing the required documentation when applying to Engineers Australia for registration as a Chartered Professional Engineer.

ENG5001 PROFESSIONAL SKILLS IN ENGINEERING (FHESC - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (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 UniSQ engineering program. Two themes are followed throughout the course. Firstly, the development of personal and self-management skills and, secondly, the development of skills and understanding about the stages in, and processes used when applying the 'engineering method'. The learning is situated in the Australasian context and case studies are used so students will acquire their knowledge and skills about the engineering and spatial science professions in a real-world environment. The first assessment item requires students to reflect on and self-assess their progress towards achieving Engineers Australia's Stage 1 Competencies and then map a pathway to help them achieve that goal. In the second assessment, item students will apply the engineering method to a project and use basic project management skills to manage the processes in each stage of the method.

ENG5002 PROFESSIONAL SKILLS FOR AUSTRALIAN ENGINEERING WORKPLACE (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba
Semester 2 (ONC)Toowoomba (ONC)Toowoomba
Units 1 (EnginTech not classified) Band 2

This intensive residential school-based course is to provide international engineering graduates of an equivalent to a 3 year Australian Engineering Degree, the awareness and orientation to UniSQ education systems, master's student professional expectations. It is also to provide professional development awareness, statutory and cultural orientation into the Australian societal and workplace legal framework, professional engineers statutory and ethical responsibilities and how to plan their professional career and future industry-based accreditation.

ENG5105 ADVANCED NUMERICAL MODELLING (FHESC - PGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (EnginTech not classified) Band 2

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

This course provides students with the opportunity to develop industry and research based numerical modelling general tools, but also discipline specific tools and skillset associated. This includes the techno-economic impact modelling techniques to evaluate technical modelling and research investigation/innovation in terms of consequences/benefits/risk/criticality assessment in terms of profit/loss, EOL, LCA, environmental gains/imposts and sustainability associated that is required by the Engineers Australia current Code of Ethics and Conduct.

ENG5500 ADVANCED AEROSPACE SYSTEMS (FHESC - PGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Aircraft Maintenance Engineer) Band 2

Pre-requisite: Students must be enrolled in the following Program: MENS (Aerospace Engineering specialisation)

All aircraft and space vehicles have a requirement for essential systems to support flight, such as the engine, fuel, lubrication, cooling, electrical shielding, minimisation of energy requirements, re-entry requirements, thermal and high energy atomic particle environmental impacts on materials, landing gear, and environmental control systems. Understanding the systems of aerospace vehicles is critical to their safe operation and proper maintenance, and includes an understanding of the types of data collection and analysis to determine if usual, unusual or critical operational outcomes are in progress. This course covers aerospace systems, subsystem integration and their interaction with material technology issues.

ENG6104 ASSET MANAGEMENT IN AN ENGINEERING ENVIRONMENT (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (EnginTech not classified) Band 2

The aim of this course is to enhance the ability of technology managers in making better economic and financial decisions for the construction and maintenance of infrastructure assets. This course is designed to cover all aspects of Asset management applied to infrastructure. The students are guided through the historical development of asset management, the role of asset management in an engineering environment, development of strategic planning for asset management, economic management of assets including asset valuation, asset operations and maintenance, integrated asset management, and computer-based asset management systems.

ENG6205 PROJECT MANAGEMENT PRACTICE (FHESC - PGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (EnginTech not classified) Band 2

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

ENG6207 INNOVATION MANAGEMENT AND NEW PRODUCT DEVELOPMENT (FHESC - PGRD)

Units 1 (EnginTech not classified) Band 2

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

ENG6208 ADVANCED ENGINEERING PROJECT MANAGEMENT (FHESC - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Civil Engineering n.e.c.) Band 2

As most engineering works have a clear purpose and stipulated beginning and end times, they are regarded as 'projects'. Ensuring an engineering project reaches fulfilment within its required constraints is the process of engineering project management. In this course the concepts, processes and tools of advanced engineering project management are explored. Students are guided through the historical background of project management, the project management environment, the elements of the project life cycle, the project management knowledge areas, the consideration of 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

ENG8180 ADVANCED ENGINEERING STUDIES (FHESC - PGRD)

Semester 1 (ONC)Springfield (ONC)Toowoomba (ONL)Toowoomba
Units 1 (EnginTech not classified) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: DPHD, DPEN or MENR

In this course, students will study specialised topics to support their research project in Engineering. These topics may be drawn from practical elements such as data acquisition, numerical elements such as software packages and/or theoretical elements. Each topic will comprise one portion of the course, with students typically undertaking four topics to complete their study of this course. These topics will be chosen in consultation with a student's supervisory team. The schedule for any learning sessions will be arranged by the relevant staff member. This will enable students to pursue their Research Higher Degree with some supporting advanced background knowledge and skills.

ENG8300 SELF-ASSESSMENT PORTFOLIO (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Semester 3 (ONL)Toowoomba

Units 1 (EnginTech not classified) Band 2

Students are required to take this course when they first enrol in the Master of Engineering Practice program. During this course students will prepare a portfolio consisting of a number of significant written works. The major activity in this course requires students to undertake a self-assessment of their existing attributes and capabilities against those required for the program. They will then be required to produce a Pathway to Graduation Plan in which they will plan the content of the Workplace Portfolio and Industrial Project courses that they will use to demonstrate their existing attributes and capabilities, and the Technical courses they will undertake in the program to enable them to satisfy the remaining attribute and capability requirements. The second component of the course requires students to write Engineering Competency Claims that demonstrate their achievement of one or more of the attributes or capabilities. The information in an Engineering Competency Claims 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. Successful completion of ENG8300 is required to enrol in ENG8311 Workplace Portfolio. ENG8300 (1 unit), ENG8311 (2 units) and ENG8308 (2-unit Industrial Project) are a continuum of professional practice development that form the core of the MEPR program, and cannot be exempted.

ENG8308 INDUSTRY PROJECT (FHESC - PGRD)

Semester 2 (ONL)Toowoomba

Semester 3 (ONL)Toowoomba

Units 2 (Process and Resources Engineer) Band 2

Pre-requisite: (ENG8300 and ENG8311) or (ENG8001 and Students must be enrolled in the following program: MAEN)

This course provides a vehicle for students to demonstrate their application of theoretical knowledge to innovate a solution of an engineering problem or as part of a larger project which is relevant to their workplace and professional engineering career and strand discipline. With appropriate supervision, the student will further develop skills in documenting and sharing 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 at a professional engineering level of application.

ENG8311 WORKPLACE PORTFOLIO (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Semester 3 (ONL)Toowoomba

Units 2 (EnginTech not classified) Band 2

Pre-requisite: ENG8300

Students satisfy the Workplace Portfolio requirements of the Master of Engineering Practice program by satisfactorily completing two courses: this course, and the subsequent course ENG8308 Industrial Project by demonstrating competencies outlined in ENG8300 Self Assessment Portfolio. 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 Portfolio 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 Engineering Competency Claims (ECCs) to Engineers Australia's eChartered upon graduating from the MEPR program. During this course, students will prepare the ECCs that were defined in their Self-assessment Portfolio in the course ENG8300. In addition, students will start writing the literature review component of the ENG8308 industry project as proposed in ENG8300. In each ECC, students will demonstrate their achievement of one or more of the competencies, or, as they are described in EA documents, "Elements". The information in each ECC must be verified by a professional engineer or equivalent when the final version is submitted. When completed, the portfolio or claim should demonstrate that the student has achieved the required Elements that they indicated would be addressed in ENG8300 Self Assessment Portfolio.

ENG8411 MASTERS ENGINEERING RESEARCH PROJECT A (FHESC - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Semester 2 (ONC)Toowoomba (ONC)Toowoomba

Units 1 (EnginTech not classified) Band 2

Pre-requisite: ENG8001 and normally have a GPA greater than 3.5 and completed 50% of the courses in the program

The project (comprising ENG8411 Masters Engineering Research Project A immediately followed by ENG8412 Masters Engineering Research Project B) 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 major study. Following this the student will (i) research the background, context and literature, (ii) develop an appropriate methodology, (iii) demonstrate a sound appreciation of the overall task and its constraints by formal reporting, and (iv) make substantial progress in the execution of the work.

ENG8412 MASTERS ENGINEERING RESEARCH PROJECT B (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 2 (EnginTech not classified) Band 2

Pre-requisite: ENG8411

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

ENG8414 MASTERS ENGINEERING RESEARCH PROJECT D (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Toowoomba

Units 4 (EnginTech not classified) Band 2

Pre-requisite: ENG8411

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

ENG9011 ENGINEERING RESEARCH PROJECT A (FHESC - RSCH)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Toowoomba

Units 1 (EnginTech not classified) Band 2

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

ENG9021 ENGINEERING RESEARCH PROJECT B (FHESC - RSCH)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Toowoomba

Units 2 (EnginTech not classified) Band 2

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

ENG9041 ENGINEERING RESEARCH PROJECT D (FHESC - RSCH)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Toowoomba

Units 4 (EnginTech not classified) Band 2

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

ENL1000 INTRODUCTION TO LITERATURE (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba
Units 1 (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 tools of critical analysis.

ENL1002 CONTEMPORARY FICTION (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Literature) Band 1

This course guides students through a range of critical themes, genres, and contexts relevant in the twenty-first century, including (but not limited to): 9/11 narratives, graphic novels, popular fiction, youth, realism, memory, trauma, and multiculturalism. It introduces students to a range of critical approaches to contemporary literature and explores the interpretation and application of works of literary criticism and literary theory in appropriate contexts. Through online and/or classroom discussion, as well as introductory skill-building in discipline-specific research and writing, it supports the development of critical skills in debate, argumentation, and research which underpin study in the English Literature major and the program(s) to which it contributes.

ENL2006 LITERATURE FOR YOUNG ADULTS (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Literature) Band 1

The emerging field of study--Young Adult Literature (YA)--provides a critical framework for an investigation of the historical concept of childhood and the invention of the teenager in the twentieth century. In Literature, young adulthood is more than a developmental stage; it is also a representation of transformation and social change. These transformations will be explored in terms of their cultural and historical context using relevant literary theories. By reading young adult fiction, you will engage with adolescent issues, particularly diverse and marginalised groups, and explore the perceived threats of adolescent rebellion.

ENL2010 FANTASTIC FICTION: FROM GOTHIC TO SPECULATIVE LITERATURE (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Literature) Band 1

Enrolment is not permitted in ENL2010 if ENL2004 and/or ENL2007 have been completed.

The study of literature has always engaged the reader in imagining future worlds and their effect on humans. In this course you will read texts from Gothic Literature of the 1800s through Speculative Fiction of the present day: through these fantastical visions, writers confront the new, and the impact of technology, social transition, and evolution on ourselves as human. As well as extending your capability in the interpretation of texts, literary theory related to genre and the popular, in this course you will be introduced to literature as a creative industry and explore the range of profession skills it develops and their application to contemporary workplaces.

ENL2011 AUSTRALIAN LITERATURE (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Literature) Band 1

Pre-requisite: ENL1000 Enrolment is not permitted in ENL2011 if ENL1001 has been previously completed

This course serves as an introduction to Australian literature and the role it plays in the formation of cultural identities. It examines the heterogeneity of Australian culture through its stories and will direct particular attention to the way in which narrative reinforces or reimagines social, cultural, and political values. It will introduce you to a range of works in the field and explores the interpretation and application of works of literary criticism in appropriate contexts. This focused analysis of the field will build on competency in research skills, develop knowledge of narrative techniques and literary history and theory, and improve proficiency in literary and cultural analysis.

ENL3000 MODERNISM (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Literature) Band 1

Pre-requisite: ENL1000

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

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

Semester 2 (ONL)Toowoomba
Units 1 (Literature) Band 1
Pre-requisite: ENL1000 or ENL1001

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

ENL3007 LAW AND LITERATURE (FBELA - UGRD)

Units 1 (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 comparative evaluation of what law means to wider society, what law does outside of traditional legal modes, and how law envelops us all, with consequences ranging from the brutal to the brilliant and the weird. Using a number of authoritative, critical, and popular texts, 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 legal and theoretical narratives.

ENL3009 SHAKESPEARE AND EARLY MODERN LITERATURE (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Literature) Band 1

Enrolment is not permitted in ENL3009 if ENL2005 has been previously completed

This course provides a detailed study of a formative period in English Literature. You will examine Shakespeare and other major Early Modern writers and be assessed on your knowledge of social and political contexts for poetry and plays in the late sixteenth and early seventeenth centuries. The course advances knowledge gained in first-year English Literature courses and is pivotal for Bachelor of Secondary Education students preparing to teach English and Literature at high school.

ENM1500 INTRODUCTORY ENGINEERING MATHEMATICS (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Mathematics) Band 1

Enrolment is not permitted in ENM1500 if MAT1100 or MAT1102 or ENM1600 or ENG1500 has been previously completed

This course integrates mathematical concepts to provide students with an introduction to the mathematical fundamentals required for engineering and surveying. Topics included are: basic algebra, functions and graphing, exponential, logarithmic and trigonometric functions, geometry, vectors in two-dimensional space, matrices and an introduction to differentiation and integration. Queensland Senior Secondary School Studies Maths A, or General Mathematics or equivalent assumed. Students are advised to undertake an online diagnostic test on assumed knowledge prior to commencing the course. This test will advise students the areas which need to be revised to ensure satisfactory progression in the course. The results of the test may include recommendations for: further work (if required), or an alternative study plan, such as the Tertiary Preparation Program (Mathematics Level B course), to be completed prior to undertaking ENM1500. Note the test can be accessed through the link <https://usqstudydesk.usq.edu.au/m2/mod/quiz/view.php?id=1434917>.

ENM1600 ENGINEERING MATHEMATICS (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Mathematics) Band 1

Enrolment is not permitted in ENM1600 if MAT1102 or MAT1502 has been previously completed

This course builds on the Queensland Mathematics B (Mathematical Methods) content and further develops algebra, function, trigonometric, exponential, logarithmic and graphing competencies, and introduces matrices, vectors and calculus. Emphasis is placed on developing strong skills in these areas within an engineering context and on exploring and applying these skills to a range of engineering and surveying applications. Students are advised to undertake an online diagnostic test on assumed knowledge prior to commencing the course. This test will advise students the areas which need to be revised to ensure satisfactory progression in the course. The results of the test may include recommendations for: further work (if required), or an alternative study plan, such as the Tertiary Preparation Program (Mathematics Level B course), to be completed prior to undertaking

ENM2600 ADVANCED ENGINEERING MATHEMATICS (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld

Semester 2 (ONL)Toowoomba

Units 1 (Mathematics) Band 1

Pre-requisite: ENM1600 or Students must be enrolled in one of the following Programs: GCEN or METC or MENS or GDNS or MEPR or MSCN

This course further integrates mathematical concepts to provide students with an introduction to the advanced skills required for engineering and surveying. Topics included are: Complex Numbers, Ordinary Differential Equations (ODEs), Series, Multivariable Calculus, and Linear Algebra. The introduction to Ordinary Differential Equations and Series topics 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 curves in space, partial differentiation, optimisation, directional derivatives, gradient, divergence and curl, line integrals of the 1-st and 2-nd kinds, iterated integrals, 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.

ENS0001 ELEMENTARY ENGLISH LANGUAGE (10 WEEK) (USQCO - NONA)

Units 2 (English Language) Band 1

In this course, reading, writing, listening and speaking have been organised around skills that students need to develop at this level. Students develop language skills and expressions related to areas of immediate relevance, such as information about family, career, shopping, leisure activities, health and basic information about country of origin. Communication tasks centre on simple and routine tasks that require a simple and direct exchange of information with a focus on the familiar and routine. Directed self-study at the appropriate level aims at continuing to develop students' ability to work in dependency of the teacher on individual problems and needs.

ENS0002 PRE-INTERMEDIATE ENGLISH LANGUAGE (10 WEEK) (USQCO - NONA)

Units 2 (English Language) Band 1

The Pre-Intermediate course presents different themes such as work, leisure, daily routines, holidays, geography, health and culture around which a variety of listening, speaking, reading and writing skills are introduced and practised. The four macro skills are developed through role play and information gap questionnaires, pronunciation, dictation, listening for gist, specific information and detail, skimming, scanning, and reading for gist and detail, writing sentences and paragraphs. Directed self-study at the Pre-Intermediate level consolidates and extends students' ability to become more autonomous learners.

ENS0003 INTERMEDIATE ENGLISH LANGUAGE (10 WEEK) (USQCO - NONA)

Units 2 (English Language) Band 1

In this course, activities in English have been organised from an integrated communicative language teaching approach for reading, writing, listening, and speaking processes, purposes, attitudes, and strategies. Students' command of the English language should develop to a degree that supports simple, basic communication about familiar and predictable topics. Communicative English language activities are designed to develop students' capacity to integrate reading, writing, speaking, and listening skills reliably at a basic level. Special focus is given to developing the precision and efficiency of a student's English language skills to an elementary level through emphasis on enabling skills such as grammar, oral fluency, pronunciation, spelling, vocabulary, coherence and cohesion, and test taking strategies.

ENV2103 HYDRAULICS I (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld

Units 1 (Civil Engineering n.e.c.) Band 2

Pre-requisite: CIV1500 or CIV1501 or Students must be enrolled in the following Program: GCEN or GEPR

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

ENV2105 APPLIED CHEMISTRY AND MICROBIOLOGY (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Natural and Physical Sciences) Band 2

This course provides the required knowledge of both chemistry and microbiology in order to understand more advanced courses in environmental engineering. The course is an applied course focusing on (1) the aspects of chemistry that are particularly valuable for solving environmental problems, and (2) laying the groundwork for applied water and wastewater analysis - a fundamental precept in environmental engineering practice and research.

ENV2201 LAND STUDIES (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Environmental Studies not else) Band 2

This course introduces the physical land resources of geology, soils, landform, climate, vegetation and fauna; the need for and the principles of resource management and ecosystem operation; and the major causes of land degradation (physical, chemical and biological). It also includes an introduction to the purpose of and methods involved in undertaking land resource surveys and land evaluations. An important tool in land resource management, Environmental Impact Assessment (EIA), is pursued in detail to ensure applicable knowledge of the processes and legislative requirements associated with EIA.

ENV2902 HYDRAULICS PRACTICE (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba
Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (EXT)Toowoomba (ONC)Springfld
Semester 3 (EXT)Toowoomba (EXT)Toowoomba
Units 0 (Water and Sanitary Engineering) Band 2
Pre-requisite or Co-requisite: ENV2103 or ENV1101

This course covers a range of experimental activities in the area of Hydraulics. Students will conduct testing and experimental work in a team environment in the Laboratory and/or remotely via internet access. Students will then analyse and present the subsequent results on an individual basis. Laboratory sessions provide for a better understanding of relevant theory and calibration techniques for flow measuring devices through hands on experience. This course contains a mandatory residential school for external students and mandatory on-campus laboratories for on-campus students.

ENV3103 ENVIRONMENTAL POLLUTION (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Environmental Engineering) Band 2
Pre-requisite: ENV2105 and ENV2103 or Students must be enrolled in one of the following Programs: GCEN or METC or MEPR or GCNS or GDNS or MENS or GEPR

The purpose of this course is to allow students to develop an understanding of how the sources and environmental effects of pollutants are conceptualised, modelled and monitored. Air, water and soil pollution issues are covered in addition to noise and odour. Conceptual models of key pollutant processes, transformations and interactions are introduced, leading to the development of numerical models. These models are applied to evaluate the potential impacts of pollutant discharges, as guided by current environmental legislation.

ENV3104 HYDRAULICS II (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Civil Engineering n.e.c.) Band 2
Pre-requisite: ENV1101 or ENV2103 or Students must be enrolled in one of the following Programs: GCEN or METC or MEPR or GCNS or GDNS or MENS

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

ENV3105 HYDROLOGY (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Hydrology) Band 2

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

ENV3904 ENVIRONMENTAL ENGINEERING PRACTICE (FHESC - UGRD)

Semester 3 (EXT)Toowoomba (EXT)Toowoomba
Units 0 (Environmental Engineering) Band 2

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

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

ENV4106 IRRIGATION SCIENCE (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (EnginTech not classified) Band 2

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

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

ENV4107 WATER RESOURCES ENGINEERING (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Hydrology) Band 2

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

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

ENV4203 PUBLIC HEALTH ENGINEERING (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba
Units 1 (Water and Sanitary Engineering) Band 2

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

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

ENV4204 ENVIRONMENTAL TECHNOLOGY (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Environmental Engineering) Band 2

Pre-requisite: ENV2105 or Students must be enrolled in one of the following Programs: PDEV or GCEN or METC or MEPR or GCNS or GDNS or MENS

This course is designed to allow students to design and evaluate the technologies available to solid waste management, advanced water treatment using membrane, industrial wastewater treatment, air and noise pollution mitigation and evaluate the range of soil treatments available for mine sites.

ENV4205 WATER AND WASTEWATER TREATMENT (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Water and Sanitary Engineering) Band 2

Pre-requisite: ENV4203 and ENV2105 or Students must be enrolled in one of the following Programs: PDEV or GCEN or METC or MEPR or GCNS or GDNS or MENS

This course revises and builds upon the principles of water and wastewater treatment introduced in ENV4203 Public Health Engineering course. The course aims to develop a higher level of expertise, principally in the areas of water and wastewater treatment methodology, and the design of water and wastewater treatment facilities.

ENV5104 ADVANCED HYDRAULIC SYSTEMS (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Civil Engineering n.e.c.) Band 2

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

This course builds on prior knowledge of fluid mechanics, applying hydraulic engineering principles to pipeline and open channel flow systems. Students are exposed to coastal hydraulics, the characteristics of waves and behaviour of natural streams and rivers. The course will focus on the design of hydraulic structures including both static and momentum forces. Concepts of fluid dynamics are applied to closed conduits including the impacts of pressure transients and pipeline surge. Students will utilise numerical packages to model complex hydraulic systems.

EPA3200 ARTS CURRICULUM AND PEDAGOGY 2: INTEGRATING ARTS IN THE CLASSROOM (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba
Units 1 (Teacher Education: Primary) Band 1

Pre-requisite: EDX1250 and Students must be enrolled in the following Program: BEDU (Primary) or BPED

Building upon the foundation established in the first arts course this course encourages further in-depth exploration of the five arts subjects: Dance, Drama, Media Arts, Music and Visual Arts and provides pre-service teachers with the skills to both teach the Arts and to also understand how to integrate arts-based approaches to assist teaching in key learning areas of the Australian Curriculum such as: English, Mathematics, Humanities and Social Sciences, Technologies, Health and Physical Education and Languages. This course will enable pre-service teachers to teach with, about, in and through the arts and understand and utilise important knowledge relevant to arts integration.

EPF3100 TEACHING IN ALTERNATIVE CONTEXTS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BEDU (Primary) or BPED Enrolment is not permitted in EPF3100 if EDC2300 has been previously completed

Teaching in Alternative Contexts utilises a case-based approach to immerse pre-service teachers in a number of relevant alternative educational contexts. The types of contexts explored will include rural and remote or isolated schools, alternative or flexi-schools, and schools of distance education, among others. Pre-service teachers will develop knowledge and skills needed to work successfully within the complex nature of these locations, with a particular focus on structure, situated pedagogy, stakeholder relationships, personal attributes for success, and most importantly, learners. The case-based nature of the course requires pre-service teachers to draw upon their previous learning and professional experience from within their program to effectively identify key contextual features within each setting, and develop appropriate strategies in response. Pre-service teachers will collaborate to investigate one of these particular alternative contexts in-depth, culminating in a peer-to-peer professional learning opportunity. The course will use a social justice lens to explore the influence of diverse cultural and linguistic learner backgrounds; poverty; and systemic access to support mechanisms on a range of school communities.

EPM4100 MATHEMATICS IN CONTEXT (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Teacher Education: Primary) Band 1

Pre-requisite: EDX3280 and Students must be enrolled in one of the following Programs: BEDU(Primary) or BEDU(Primary + Special Ed) or BEDU(Special Ed) or BPED Enrolment is not permitted in EPM4100 if EDP4140 or SPE3001 has been previously completed

This course provides pre-service teachers with an opportunity to reflect upon and to develop an understanding of concepts that are central to mathematics curricula. It also provides an opportunity for pre-service teachers to consider the cross-curricula implications and opportunities afforded by and through different mathematics topics; and to develop quantitative numeracy understandings that will enable them to be informed professionals. Foci of the course includes supporting the development of a critical orientation toward numeracy concepts in the media, data interpretation and analysis and how it informs teaching and learning, an appreciation of the importance of quantitative understandings to the personal and professional lives of all teachers in different school contexts, and across different learning areas.

EPP3100 PRACTISING AS A PROFESSIONAL TEACHER 1 (FBELA - UGRD)

Semester 1 (EXT)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld

Units 1 (Teacher Education: Primary) Band 1

Pre-req: EDP2111 and (EDP2222 or SPE3001 or EDH2254 or SPE3005) and Students must be enrolled in: BEDU (Primary or Primary+SpecialEd or SpecialEd or HPE Primary or SHPE Primary or BPED Enrolment is not permitted if EDC3100 has been previously completed

The beginning of the school year is a pivotal time for educators. In this fifth Practice meets Theory course, pre-service teachers will be required to undertake a three-week (15 days) professional experience at the beginning of the school year. Pre-service teachers will observe and assist the strategies used by teachers to establish the classroom environment, both physical and relational, during this establishment phase. This course will also introduce pre-service teachers to unit planning and assessment practices which embed the general capabilities and cross-curricula priorities within the Australian Curriculum. There is opportunity for pre-service teachers to explore a variety of legislative, legal, administrative and procedural expectations of teachers. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EPP3200 PRACTISING AS A PROFESSIONAL TEACHER 2 (FBELA - UGRD)

Semester 1 (EXT)Toowoomba

Semester 2 (EXT)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: EDP2111 and (EDP2222 or SPE3001 or EDH2254 or SPE3005) and Students must be enrolled in: BEDU (Primary) or BEDU (HPE Primary) or BEDU (SHPE Primary) or BPED Enrolment is not permitted in EPP3200 if EDP3333 has been previously completed

Contemporary classrooms are complex environments where learners present with a diverse range of backgrounds and needs. This sixth Practice meets Theory course will extend pre-service teachers knowledge of unit planning to include term planning across multiple learning areas to create holistic and connected learning experiences. Pre-service teachers will further develop their understanding of assessment, moderation and reporting practices. The professional experience component within this course requires pre-service teachers to collect and analyse learner data and develop a class profile which will inform their teaching practice during the 15-day placement. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EPS2002 MAKING AND RESPONDING THROUGH THE ARTS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Co-requisite: ECA2100 or EDX1250

The primary focus of this course is to enhance the knowledge of generalist primary teachers regarding the five arts forms of Dance, Drama, Media Arts, Music and Visual Arts, and builds upon the foundation knowledge they have already established. Utilising significant historical movements will provide important context for generalist primary teachers to see how the stories told through the Arts contribute to a larger story about humanity. Contemporary artworks are informed by historical events and in addition to enhancing content knowledge provide an important opportunity to enhance general capabilities such as critical and creative thinking. Through this course pre-service teachers will further develop their knowledge of how to integrate the making and responding strands within the Arts in ways that also acknowledge how they are informed by the social and cultural contexts of the artists who created them.

EPS2004 MOVEMENT AND HEALTH (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Through engagement with all focus areas of the ACHPE students will have the opportunity to: Investigate and apply motor learning theory to teaching and evaluation of movement and learn to provide timely and appropriate feedback about the learning of fundamental and specialised movement skills. Apply a variety of pedagogical principles to inclusive, engaging and developmentally appropriate learning experiences and evaluate the suitability of a range of movement and health learning resources. Identify movement and health learning opportunities and strategies to authentically and effectively connect the two strands of HPE and HPE learning with other contextualised learning. Create developmentally appropriate HPE experiences that build health literacies and are inclusive of the diverse needs and interests of demographic, settings and communities. Apply current, relevant and credible research to inform teaching and student inquiry, utilising correct APA referencing and appropriate levels of academic literacy.

EPS2005 LINKING THROUGH LANGUAGES (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-service teachers require a deeper focus in a particular subject, in addition to the general knowledge and teaching skills that are required across the range of curriculum areas. This course supports the development of additional depth of understanding in Languages as a curriculum specialisation. The focus of this course is designed to assess the language content knowledge and pedagogical content knowledge, which are required for teachers to be equipped with a curriculum specialisation in Languages.

EPS2006 INVESTIGATING IN SCIENCE (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-service teachers require a deeper focus in a particular subject, in addition to the general knowledge and teaching skills that are required across the range of the Primary curriculum areas. This course supports the development of additional depth of understanding in Science as a curriculum specialisation that is taught from Foundation to Year 6. The focus of this course is designed to assess the Science content knowledge and pedagogical content knowledge which is required for teachers to be equipped with a curriculum specialisation in Science.

EPS2007 CHILDREN'S LITERATURE AND LANGUAGE (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: EDX1000 or EHE1100 or EHF1100 or EDX1170 or EDX1270

This course will explore the Australian Curriculum: English strands of Language, Literature and Literacy. The course will examine how literature can be used to enrich the educational experience of learners. Students will explore how cultural and social backgrounds and prior literacy experiences can influence learning. Strategies for introducing learners to many literary genres and formats will be investigated. Opportunities to identify literary devices, language and image resources used in literature to represent meaning will be provided.

EPS2008 DEVELOPING MATHEMATICAL KNOWLEDGE FOR INNOVATIVE TEACHING (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Co-requisite: EHM1200

This course has been designed to provide pre-service teachers with various understandings of pedagogical and content knowledge to successfully teach mathematics in the changing world. The course focuses on inquiry-based, and problem-based learning approaches to develop a deeper understanding of pre-service teachers' pedagogical and content knowledge to teach mathematics in the primary context. Throughout the course, pre-service teachers will be introduced to various theoretical perspectives, mathematical content knowledge, and pedagogical approaches that are relevant to research findings and teaching practice. The course will assist pre-service teachers to develop and extend their knowledge and understanding of teaching mathematics in the primary context. The course would also be of value to pre-service teachers that have an appropriate level of pedagogical and mathematical content knowledge to teach the Australian Mathematics Curriculum.

EPS2009 INTEGRATING THE HUMANITIES AND SOCIAL SCIENCES ACROSS THE CURRICULUM (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Co-requisite: EDX2190

The aim of this course is to investigate how the Humanities and Social Sciences (HaSS) learning area connects with the other Australian Curriculum learning areas in the primary context. Pre-service educators in this course will develop a knowledge and understanding of the theoretical principles that explain the implications for teaching and learning through an integrated approach. They will be immersed in learning about the General Capabilities, as a significant dimension of the Australian Curriculum. The integration of learning areas transpires when General Capabilities from the Australian Curriculum are embedded in learning and teaching to connect HaSS content to another learning area. To enable this strong connection, teachers identify links within the content descriptions from the various learning area curriculums and need to be judicious when selecting appropriate teaching strategies that bring the intended General Capabilities to the fore. When HaSS is integrated across the curriculum, learning is linked to real life contexts, is efficient in covering suitably the content of an increasingly crowded curriculum, and motivates students to wards a natural way of learning. The outcome of the relationship between HaSS and the General Capabilities can be best described as supporting students to be successful learners, as well as developing ways of being, behaving and learning to live with others.

EPS3000 ADVANCED PRIMARY SPECIALISATION (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: EPS2002 or EPS2004 or EPS2005 or EPS2006 or EPS2007 or EPS2008 or EPS2009

This course introduces an evidence-based framework that teaches you how to establish diverse and inclusive classrooms. You will address three significant areas: working with children with special needs, working with children who are EALD learners and working with children who are gifted and talented. In each module of the course, you will learn to, directly and explicitly, apply advanced content knowledge, pedagogical content knowledge and highly effective classroom teaching of your chosen primary curriculum specialisation.

ESB2100 POSITIVE BEHAVIOUR FOR LEARNING: TAKING RESPONSIBILITY (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: Students must be enrolled in the following: UCTS or BEDU or BSED or MOLT (Secondary) Pre-requisite: BEDU and BSED Only - EDU1100 or ESP1200 or EDC1400 Co-requisite: BEDU (Secondary) and BSED Only - EDS2401

The aim of this pre-service course is to enhance teacher efficacy in the contemporary secondary classroom. This course defines the classroom as a site for facilitating learning and teaching and, in the process, provides opportunities for learners to take personal responsibility for their learning and behaviour. The course begins by focusing on relevant classroom management theories that inform teaching practice. It investigates teachers' effective relational skills and explores the significance of interrelationships with adolescents and young adults within the school community. The course also establishes the need for positive learning environments and proactive teaching in order to promote learners' self-regulation and wellbeing. Attention is directed to the key elements of behaviour management: clear expectations, timely acknowledgement and appropriate correction. The course provides practical approaches for coping with challenging behaviours and fostering adapted behaviours that are socially acceptable within the learning and teaching context. Pre-service teachers will gain a clear understanding of practice that supports participation and engagement for student wellbeing and safety.

ESI3002 CHALLENGING BEHAVIOUR: A FUNCTIONAL APPROACH IN SECONDARY CONTEXT (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

This course will focus upon evidenced-based practices to increase the preparedness of pre-service teachers to manage challenging learner behaviour within the context of the secondary years of schooling. From the theoretical underpinnings of applied behaviour analysis, pre-service teachers will be introduced to a set of advanced strategies and procedures for the management of learners with and without disabilities who exhibit significant behavioural, emotional, and social adjustment problems. This course will help pre-service teachers to develop their knowledge and skills of the functional behaviour assessment (FBA) process, and effective individualised behaviour intervention plans for students in the secondary years who demonstrate challenging behaviour. The course builds on knowledge and competencies gained in ESB2100 Positive Behaviour for Learning: Taking Responsibility.

ESI4100 PROMOTING INCLUSIVE PRACTICES (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: ESP2200 or EDS2402 Enrolment is not permitted in ESI4100 if EDX3250 has been previously completed

This course will focus on developing an awareness and understanding of learner diversity, and the knowledge, skills and attitude pre-service teachers will need to cater for this diversity within an inclusive learning environment. Exploration of current evidence-based approaches, including socially just and equitable practices, legislation, policies, and professional contexts that inform inclusive education will be studied along with their implications for teaching and learning. A key focus within the course is developing an understanding of the range of learner diversity and the implications of this diversity for planning, teaching, and assessing participation and learning. Inclusive pedagogy will be explored to help pre-service teachers develop their understanding and skills to implement effective teaching and learning strategies, managing challenging behaviours and promote positive outcomes for all learners. As part of course assessment a case study approach will be considered to support pre-service teachers in developing a 'real life' understanding of classroom diversity. Assessment in this course will focus on knowing learners and how they learn; planning, and implementing effective teaching and learning; and creating and maintaining supportive and safe learning environments.

ESN4200 NUMERACY AND LEARNING ANALYTICS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BEDU or BSED Enrolment is not permitted in ESN4200 if EDS2402 has been previously completed

This course helps pre-service teachers to develop knowledge and skills associated with numeracy and learning analytics to better understand students and respond to their learning needs. Pre-service teachers will explore and reflect upon the importance and pervasiveness of numeracy within their specialist subject areas. They will learn to use a range of data sources and relevant literature, in tandem with learning analytics, to understand the diverse learning needs and numerical capabilities of students. In the process, pre-service teachers will identify, analyse and respond to their own numeracy learning needs. Finally, knowledge of learning analytics will be used to interpret assessment data to evaluate students' learning and modify teaching practice.

ESP2200 SENIOR SECONDARY CURRICULUM AND PEDAGOGY (FBELA - UGRD)

Semester 1 (EXT)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: ESP3100 and Students must be enrolled in one of the following Program: BEDU or BSED Enrolment is not permitted in ESP2200 if EDS3450 has been previously completed

This course aims to build pre-service teachers' understanding of issues that impact the senior school and enhance their confidence to deal with senior schooling issues. Pre-service teachers will gain an understanding on how to respond to organisational requirements. This will include covering mandated subject content and aligning curriculum, assessment and pedagogy. Pre-service teachers will also develop their understanding of effective planning for effective teaching, including learning to plan across school, unit and lesson levels, as well as sequencing learning experiences, integrating assessment for learning and providing feedback as a learning tool. A 15-day professional experience placement is attached to this course. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

ESP3100 SOCIAL AND EMOTIONAL WELLBEING IN CONTEMPORARY SECONDARY SCHOOL CONTEXT (FBELA - UGRD)

Semester 1 (EXT)Toowoomba

Semester 2 (EXT)Toowoomba

Units 1 (Teacher Education: Secondary) Band 1

Pre-requisite: EDS2401 and Students must be enrolled in one of the following Programs: BEDU or BSED

This course is designed to prepare pre-service teachers for teaching positions in secondary schools by helping them to develop an awareness of the nature of risk and the protective factors that impact on students' social and emotional wellbeing and mental health. Pre-service teachers will participate in a range of learning activities to develop knowledge of the warning signs of mental health problems and/or illness, and the curriculum and pedagogical approaches that promote wellbeing in school communities. Pre-service teachers will learn how to respond to students showing signs of distress, in particular distress related to bullying or cyberbullying. A health promotion model will be introduced and pre-service teachers will explore practical and innovative ways to promote health-enhancing cultures in their classrooms, through curriculum, and in school communities. The value of initiatives that enhance academic outcomes through social and emotional learning in the classroom will feature as a way to motivate schools to generate and implement policies dealing with social and emotional wellbeing. Pre-service teachers will explore the implications of teacher wellbeing as a precursor to promoting health in school communities. A 15-day professional experience placement is attached to this course. Students need to pass the competency Assessment in this Course and reach a total passing Mark of 50% to be awarded a passing Grade in this course. Failure of the Professional Experience component will result in a fail grade for the course, regardless of the graded mark. Full details of the Professional Experience particulars can be found on the Professional Experience website and in the Professional Experience Book.

EUS1001 LANGUAGE FOR STUDY 1 (USQCO - UGRD)

Semester 1 (ONC)Springfld

Units 1 (English as a SecLangTeach) Band 1

In this course, activities in English have been organised to develop students' capacity to integrate academic reading, writing, speaking, and listening skills in an online test of academic English. In this course, special focus is given to developing the precision and efficiency of a students' English language skills to an advanced level through emphasis on grammar, oral fluency, pronunciation, spelling, vocabulary, and coherence and cohesion.

EUS1002 LISTENING AND SPEAKING FLUENTLY 1 (USQCO - UGRD)

Semester 1 (ONC)Springfld

Units 1 (English as a SecLangTeach) Band 1

In this course, activities in English have been organised to develop students' capacity to interact independently with fluency and spontaneity in speech at an advanced level with native speakers of English in face to face and digital academic contexts. Focus is given to speaking and listening in both structured and unstructured spoken texts, with a particular emphasis on developing pronunciation skills for reducing communicative strain for all interlocutors.

EUS1003 READING AND CRITICAL THINKING 1 (USQCO - UGRD)

Semester 1 (ONC)Springfld

Units 1 (English as a SecLangTeach) Band 1

In this course, activities in English have been organised for the development of advanced independent reading and critical thinking approaches, attitudes, and strategies, using a range of advanced academic texts, including text books, case studies, lecture notes, academic journals, and reports, in both hard copy and digital form.

EUS1004 COMMUNICATING PROFESSIONALLY 1 (USQCO - UGRD)

Semester 1 (ONC)Springfld

Units 1 (English as a SecLangTeach) Band 1

In this course, activities in English have been organised for the development of advanced and independent academic writing and speaking processes, purposes, attitudes, and strategies that enable the expression of 'voice' and support the construction and delivery of a range of advanced academic texts for specific purposes and audiences. In this course, focus is given to constructing texts used in a range of academic contexts, which could include critical and descriptive essays, interviews, reports, presentations, literature reviews, discussions, seminars, and reconstruction of lecture notes, in both traditional and digital education contexts.

EUS1005 LANGUAGE FOR STUDY 2 (USQCO - UGRD)

Semester 1 (ONC)Springfld

Units 1 (English as a SecLangTeach) Band 1

In this course, activities in English have been organised to develop students' capacity to integrate academic reading, writing, speaking, and listening skills in an online test of academic English. In this course, special focus is given to developing the precision and efficiency of a students' English language skills to a near native-like level through emphasis on grammar, oral fluency, pronunciation, spelling, vocabulary, and coherence and cohesion.

EUS1006 LISTENING AND SPEAKING FLUENTLY 2 (USQCO - UGRD)

Semester 1 (ONC)Springfld

Units 1 (English as a SecLangTeach) Band 1

In this course, activities in English have been organised to develop students' capacity to interact independently with fluency and spontaneity in speech at a near native-like level with native speakers of English in face to face and digital academic contexts. Focus is given to speaking and listening in both structured and unstructured spoken texts, with a particular emphasis on developing pronunciation skills for reducing communicative strain for all interlocutors.

EUS1007 READING AND CRITICAL THINKING 2 (USQCO - UGRD)

Semester 1 (ONC)Springfld

Units 1 (English as a SecLangTeach) Band 1

In this course, activities in English have been organised for the development of highly advanced independent reading and critical thinking approaches, attitudes, and strategies, using a range of demanding academic texts, including text books, case studies, lecture notes, academic journals, and reports, in both hard copy and digital form.

EUS1008 COMMUNICATING PROFESSIONALLY 2 (USQCO - UGRD)

Semester 1 (ONC)Springfld

Units 1 (English as a SecLangTeach) Band 1

In this course, activities in English have been organised for the development of near native-like academic writing and speaking processes, purposes, attitudes, and strategies that enable the expression of 'voice' and support the construction and delivery of a range of sophisticated academic texts for specific purposes and audiences. In this course, focus is given to constructing texts used in a range of academic contexts, which could include critical and descriptive essays, interviews, reports, presentations, literature reviews, discussions, seminars, and reconstruction of lecture notes, in both traditional and digital education contexts.

FIN1100 COMMERCIALISATION (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

Units 1 (Banking and Finance) Band 7

In this introductory course, you will use case studies and work in teams to review relevant numerical concepts and work with some quantitative finance concepts. You will apply project evaluation concepts to real world examples such as a new product proposal from a marketing and brand management department. Options for raising capital will be examined to determine ways of funding the project assessed. Financial analysis of the firm and project risk mitigation are also examined. This course uses real world scenarios and case studies and collaboration to solve problems and effectively communicate your decisions.

FIN1101 CORPORATE FINANCE (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Banking and Finance) Band 7

Enrolment is not permitted in FIN1101 if FIN1100 has been previously completed (excluding BBIZ 19395 Finance major students)

The objective of the financial manager is to create market value for owners of the business enterprise. In this course, the concepts and tools that are needed to make decisions consistent with an increase in the market value of the firm are examined. The concepts and tools that are covered include free cash flow, interest rates and market efficiency, the time value of money and the valuation of future cash flows, risk and return, bond and share valuation, capital budgeting, the cost of capital, working capital management, capital structure and dividend policy.

FIN1103 FINANCIAL MARKETS (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Banking and Finance) Band 7

This course examines the structure and operation of the Australian financial system using principles of financial and monetary economics. Students are introduced to a selection of financial markets, products and institutions of which operations largely determine key financial variables affecting decisions to allocate funds in the real economy.

FIN2105 PORTFOLIO MANAGEMENT (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld

Units 1 (Investment and Securities) Band 7

Pre-requisite: FIN1101 and FIN1103

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 latter, typically called portfolio management, is now more important than the former, typically called investment 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 most crucial aspects of portfolio management. Coverage includes these topics: the construction of the portfolio, 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 protection of the portfolio using derivatives. The course emphasises 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 (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Banking and Finance) Band 7

In this course, students will be exposed to the personal financial planning environment and process. The environment covers the regulatory framework within which financial advisers operate as well as their responsibilities. The process covers the various components of personal financial planning (for example, taxation, investments, credit, superannuation and retirement, insurance, social security and estate planning). These concepts are integrated through the study of financial plan construction and financial planning practice management. Formerly known as FIN1106.

FIN2108 CREDIT ANALYSIS AND LENDING MANAGEMENT (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld

Units 1 (Banking and Finance) Band 7

Pre-requisite: FIN1101

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

FIN2302 FINANCIAL ECONOMICS (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Banking and Finance) Band 7

Pre-requisite: FIN1101 and FIN1103

Financial Economics is a course that provides in-depth economic theory and relevant applications for finance. 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 you to develop core competency in finance.

FIN3101 FINANCE THEORY AND APPLICATIONS (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Banking and Finance) Band 7

Pre-requisite: FIN1101 and FIN1103

The course introduces techniques used in arriving at an optimal allocation of funds among risky investments within a mean variance framework. Students are asked to autonomously review the time value of money mathematics studied in previous finance courses. Modigliani and Miller theorems are introduced to study corporate behaviours and determine the value of a firm.

FIN3106 INTERNATIONAL FINANCE (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Banking and Finance) Band 7

Pre-requisite: FIN1101

This course provides a systematic analysis of a representative range of analytical issues in international finance and investment against the background of global financial markets. The course initially examines the international monetary system and analyses exchange rates, their determinants and their relationship to significant economic factors. You will be exposed to currency and interest rate derivatives and the numerous hedging strategies that firms can adopt to mitigate currency risk as well as emerging financial instruments and their role in the international environment. The remainder of the course adopts the investment, financing and dividend decisions of firms and applies them to an international setting. The course uses a combination of real-world scenarios, problems and case studies to identify real world issues in international finance. After identification of the relevant issues, the generalised approach of problem formulation, modelling, solution, interpretation and implementation will be addressed.

FIN3109 MANAGING FINANCIAL INSTITUTIONS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Banking and Finance) Band 7

Pre-requisite: FIN1103

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

FIN5100 DATA AND DECISION MAKING (FBELA - PGRD)

Units 1 (Banking and Finance) Band 7

Enrolment is not permitted in FIN5100 if ACC5502 has been previously completed.

This introductory course focuses on developing individual financial literacy skills and knowledge through reflective practice. You will build capacity to undertake meaningful financial data analysis that will support engagement in future roles and challenges in a global business environment across various sectors. You will appreciate the importance of collaboration with different stakeholders in order to interrogate, interpret and synthesize data from different sources using appropriate technologies to review current business status and make evidence-based decisions for the future. A key focus is to ensure comprehension of the financial statements and performance management concepts, theories and frameworks that support business performance and inform decision making. The course will support you to encourage innovation, manage risk and promote sustainability in all aspects of business operation. You will engage with case scenarios and collaborate problem solving to raise your awareness that the business of the future will operate in a different capital market, where short- and long-term rewards will flow from responsible business and value creation.

FIN6101 FINTECH INNOVATION (FBELA - PGRD)

Units 1 (Banking and Finance) Band 7

Financial technologies are expected to disrupt and impact every aspect of financial services. You will be introduced to the role of financial technologies and their relevance to financial services in a cross-cultural context. We focus on the FinTech industry, its strategic application, and commercialisation of blockchain, artificial intelligence (AI), and crypto assets such as Non-Fungible Tokens. The course will adopt a systems-thinking perspective to help you to critically analyse the key issues, challenges, and priorities for the adoption of technologies in financial services, and the new and emerging technologies in different business contexts using real world scenarios. In this course you will use critical thinking ability, group activities and the opportunity to enhance your verbal communication skills by preparing a verbal presentation.

FIN6102 INVESTOR PSYCHOLOGY AND PORTFOLIO MANAGEMENT (FBELA - PGRD)

Units 1 (Banking and Finance) Band 7

Enrolment is not permitted in FIN6102 if FIN8203 and FIN8204 have been previously completed.

This course introduces behavioural finance and identifies its implications for portfolio and investment decision-making and asks you to apply critical thinking and teamwork to solve practical real-world investment problems that emerge from the decision-making process. The ways in which normal decision-making is shaped by heuristics and characterised by persistent biases is explored and some of the main theoretical frameworks of orthodox finance, including portfolio theory and efficient markets, are reimagined from the behavioural perspective. Researching the specific implications of investor psychology for the process of measuring risk and return for effective portfolio management and equity evaluation are developed in the second part of the course. Overall, the course provides an accessible introduction to behavioural finance and provides you with the opportunity to develop tools that facilitate a more sophisticated approach to wealth management in a context shaped by investor psychology.

FIN8201 CORPORATE FINANCE (FBELA - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Semester 3 (ONL)Toowoomba

Units 1 (Banking and Finance) Band 7

This course will introduce students to financial markets, the tools and concepts of basic finance, comprehension of basic financial statements, time value of money, valuation of shares and bonds, risk and return considerations, capital budgeting and the cost of capital. It forms the first of three courses in the Finance stream and as such, should be seen as introducing many of the key concepts and foundations upon which the other two courses are built. Many of the finance concepts studied in this course have a global as well as domestic application. In addition, this course will adopt a decision making focus in the context of finance with the tools and techniques taught in this course enabling businesses to maximise the wealth of owners.

FIN8202 FINANCIAL MARKETS AND INSTRUMENTS (FBELA - PGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Banking and Finance) Band 7

Pre-requisite: FIN8201

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

FIN8203 STRATEGIC INVESTMENTS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Investment and Securities) Band 7

Pre-requisite: FIN8201 or FIN5000

This course introduces the student to contemporary financial investment theory, analysis, and practice. Students should gain an understanding of major investment instruments such as debt and equity securities and company funds. Students also will have an appreciation for making strategic investment decisions with the consideration of risk. The course structure helps the student to build up mathematical literacy sufficient to understand investments.

FNA1001 FIRST NATIONS PHILOSOPHY AND PERSPECTIVES (CISER - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Indigenous Studies) Band 1B

Students in this course will examine the world's First Nations peoples and their collective perspectives and philosophies whilst developing knowledge of the key terminology and concepts that frame discussions around the intersection of First Nations and Western cultures. Through exploration of pre, and post-colonial contexts and the evolving nature of First Nation perspectives and philosophy, students will develop knowledge of the underpinning values, spiritual beliefs, and perspectives of Australia's First Nation peoples, as well as an appreciation of the diversity between and across regions.

FNA1002 A FIRST NATION PERSPECTIVE OF AUSTRALIAN HISTORY (CISER - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Indigenous Studies) Band 1B

This course will develop student awareness of the contested and political nature of 'history' and between the spoken and written word, exploring the social, political, and cultural factors that shape 'accepted' Australian history. Through case studies and discussion students will explore and challenge Australian historical accounts and truths with a critical lens and First Nations' perspective.

FNA1003 AUSTRALIAN POLITICS AND THE FIRST NATIONS' EXPERIENCE (CISER - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Indigenous Studies) Band 1B

Students in this course will analyse First Nations' political structure and governance systems pre-colonisation and examine the beliefs and laws under which Australia was invaded and claimed. Students will be introduced to the rapid succession of policies and legislations/acts that have been forced onto First Nation peoples with significant and lasting impacts. Students will also learn about the Aboriginal civil rights movement, recent advances in First Nation political self-determination, and current political debates.

FNA2001 FIRST NATION IDENTITY, DIVERSITY AND PROTOCOLS (CISER - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Indigenous Studies) Band 1B

Pre-requisite: FNA1002

This course will develop students' awareness and knowledge of the complex nature of Indigeneity and the elements that inform and influence contemporary Australian culture. First Nation challenges around cultural identity will be explored developing students' knowledge of the historical and political contexts that have resulted in an incredibly diverse First Nations population. Persisting myths and misunderstandings regarding First Nation identity will also be examined along with protocols for culturally respectful interactions.

FNA2002 FIRST NATIONS EXPRESSION AND REPRESENTATION IN ARTS AND MEDIA (CISER - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Indigenous Studies) Band 1B

In this course students will develop awareness of how First Nation Australians have been represented and misrepresented in the past and the social and political implications and intentions of these representations. Through examination and exploration of the ancient and evolving aspects of First Nation artistic expression, students will develop the skills needed to critically consume First Nation representations in Australian media and art.

FNA2003 FIRST NATIONS CURRENT ISSUES AND DEBATES (CISER - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Indigenous Studies) Band 1B

Students in this course will examine several topical First Nations issues and debates of national relevance before exploring more regional and community specific trends and challenges. Students will have the opportunity to focus on a particular area of interest and further explore current First Nations issues and debates within Health, Education, Law/Politics.

FNA3001 DECOLONISATION AND INDIGENOUS STANDPOINT THEORY (CISER - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Indigenous Studies) Band 1B

This course will equip students with the knowledge and skills needed to apply knowledge of the decolonisation process and related practical strategies that support First Nation self-determination and inclusion of Indigenous Standpoint Theory. Students will explore Indigenous research methodology and develop the cultural experience and skills needed to authentically support First Nation self-determination and interact effectively with First Nations' individuals and communities.

FNA3002 FIRST NATION ADVOCACY AND ALLIES (CISER - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Indigenous Studies) Band 1B

Pre-requisite: Students must have completed 16 courses in their program

This course aims to equip students with knowledge of the historical and contemporary significance of First Nations activism, allyship and advocacy, and an awareness of their importance in moving forward as a reconciled nation. The barriers, challenges, and shortfalls of First Nations advocacy and allyship will be examined in depth to establish what characteristics constitute an effective ally, and culturally appropriate advocacy. The practical component of this course provides students with an immersive learning experience in their field of interest (Education, Health, Law/Politics) and the opportunity to transfer their First Nations advocacy skills and into actions appropriate to the context.

FSP1001 LOCATION PRODUCTION 1 (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

(ONC)Springfld

Units 1 (Audio Visual Studies) Band 1B

Enrolment is not permitted in FSP1001 if FTR1005 has been previously completed.

As a foundational course, students will be introduced to basic university requirements for the successful academic study of filmmaking. The course is taught by expert staff who possess expertise in this area of filmmaking. Location Production introduces students to the theory and practice of single camera location film production. Students will use key concepts and practices as they apply to camera operations, lighting, sound and audio recording in a location environment. Students will complete a series of authentic assessment tasks based on industry practice in film making that reflect industry aligned skills and current knowledge. Students will be supported by the Audio-Visual Centres at Toowoomba and Springfield. Location Production is a foundation course for FSP1002 Location Production 2 and FSP2001 Documentary Production and Reality TV.

FSP1002 LOCATION PRODUCTION 2 (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

(ONC)Springfld

Units 1 (Audio Visual Studies) Band 1B

Pre-requisite: FSP1001

This course is a pre-requisite for course for FSP2001 Documentary Production and Reality TV. This course introduces students to creating screen-based media for clients. Students will learn about the importance of working towards a creative brief, communicating their creative ideas with a client, reacting to client demands and, ultimately, negotiating through the creative process in a professional, respectful and effective manner. Students will complete a series of authentic assessment tasks based on industry practice in film making that reflect industry aligned skills and current knowledge.

FSP1003 EDITING LAB 1 (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba

(ONC)Toowoomba (ONC)Springfld

Units 1 (Audio Visual Studies) Band 1B

Enrolment is not permitted in FSP1003 if FTR1004 has been previously completed.

As a foundational course, students will engage in the necessary training to utilise the practical skills associated with digital video editing. Through the study of non-linear editing styles, students should gain knowledge and skills used in the development of technologies and the guiding principles for video editing, such as system setup, the interface, importing and organisation media, audio, effects and the visual story. Students will complete a series of authentic assessment tasks based on industry practice in film making that reflect industry aligned skills and current knowledge.

FSP1004 GRAPHIC DESIGN AND DIGITAL ART PRACTICE (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba

(ONC)Springfld (ONL)Toowoomba

Units 1 (Audio Visual Studies) Band 1B

Enrolment is not permitted in FSP1004 if FTR1000 has been previously completed.

This course introduces students to professional graphic skills for digital artists based forms through production-focused learning environments. Through a series of workshops, students should begin to develop a solid awareness of application of processes and practices involved in creating graphic-based assets, from conceptualisation, research and planning to production outcomes and uses, including in the broader visual, cultural and commercial contexts across film, television, internet and print. Students will complete a series of authentic assessment tasks based on industry practice in film making that reflect industry aligned skills and current knowledge. This course is designed to contribute to and complement other practice outcome courses, in particular FSP2006 Documentary Production and FSP2001 Short Film.

FSP1005 PRODUCTION MANAGEMENT (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Audio Visual Studies) Band 1B

Enrolment is not permitted in FSP1005 if FTR1007 has been previously completed.

This course will explore the management skills needed for the four areas of production management: pre-production, production, post-production and distribution stages of a media production. Students will engage with and apply industry standards to the most efficient and economical way to organise their productions, while focusing on the 'Macro' of media business management and the 'micro' of making day-to-day production decisions to ensure that projects proceed smoothly. All aspects of pre-production will be examined including identifying and generating story idea, proposal development, project pitching, production budget, scheduling, legal, insurance, the breakdown of scripts into shot lists and storyboards and time management. Through case studies, students will journey through the production process, the post-production phase and finally the distribution of the production. Students will complete a series of authentic assessment tasks based on industry practice in film making that reflect industry aligned skills and current knowledge.

FSP1006 EDITING LAB 2 (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba

(ONC)Springfld (ONC)Toowoomba

Units 1 (Audio Visual Studies) Band 1B

Pre-requisite: FSP1003 Enrolment is not permitted in FSP1006 if FTR2004 has been previously completed.

As a foundational course, students will engage in the necessary training to utilise the practical skills associated with digital video editing that builds on concepts and techniques acquired in FSP1003 Editing Lab 1. The aim of this course is to equip students with advanced knowledge and craft skills needed to become professional film and television editors. Students will focus on the creative aspects of editing, developing problem-solving skills and should gain a high level of technical expertise as they work on drama, documentary and short narrative projects. Students will complete a series of authentic assessment tasks based on industry practice in film making that reflect industry aligned skills and current knowledge.

FSP2001 DOCUMENTARY AND REALITY TV (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Units 1 (Audio Visual Studies) Band 1B

Pre-requisite: FSP1002 Enrolment is not permitted in FSP2001 if FTR2006 has been previously completed.

This course develops in students the organisational, planning and strategic skills required of the documentary and factual entertainment producer. It provides opportunities for students to develop the skills needed to interpret, critically analyse and produce their own documentary films or reality TV shows using methods and techniques learnt in previous courses. It requires students to apply their grasp of documentary and factual entertainment theory, and to produce a completed original documentary or factual entertainment production in video as authentic assessment.

FSP2002 SHORT FILM (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Audio Visual Studies) Band 1B

Pre-requisite: FSP2001 Enrolment is not permitted in FSP2002 if FTR2001 has been previously completed.

This course aims to develop and enhance students' media production skills in the areas of pre-production, production and post-production as they conceptualise and produce a short narrative project of their own choosing in the medium of video as authentic assessment. Skills relating to scriptwriting, production management, location production, editing, sound recording, and reproduction and visual effects will be applied to different areas of the course. Projects may be delivered in a variety of pre-arranged formats. Emphasis will be placed on projects recorded on location although there are opportunities for studio-based production.

FSP2003 POST PRODUCTION AND VFX (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

Units 1 (Audio Visual Studies) Band 1B

Pre-requisite: FSP1003 and FSP1004 Enrolment is not permitted in FSP2003 if FTR2010 has been previously completed.

This is an advanced course designed to develop specialist professional skills for digital artists through post-production learning environments. Students should develop a solid knowledge of the processes involved in creating and integrating special effect techniques such as motion, composite and overlay into their production pipelines. This will include digital motion graphics, visual effects and compositing techniques to name a few. This course is designed to contribute to and complement other practice outcome courses, in particular FSP2001 Short Film.

FSP2004 SCRIPTWRITING (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Audio Visual Studies) Band 1B

Enrolment is not permitted in FSP2004 if FTR1006 has been previously completed.

Students are introduced to a range of technical, conceptual, practical and observational skills related to various genres of storytelling and scriptwriting practices. Students learn to apply the various processes involved in developing story ideas into script form. Students build technical, analytical and research skills within narrative, story, character, dialogue and scene development. Students will conceptualise and develop basic original stories, generate outlines and write scripts from original and adapted fiction and non-fiction stories in order to develop a good understanding and practice of the writer's methods in storytelling as it relates to the cinema industry. Students are encouraged to research concepts, techniques and skills in order to apply and develop their understanding of storytelling and screenplay practice.

FSP2005 CINEMATIC LANGUAGE (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba (ONC)Springfld

Units 1 (Audio Visual Studies) Band 1B

Enrolment is not permitted in FSP2005 if FTR1003 has been previously completed.

Students are introduced to elements of popular narrative film including film history, aesthetics and technical practice. This course focuses on the combination of methods, strategies and skills that filmmakers choose to convey the central message and the main ideas of the story that they are trying to tell. Similarly, students should learn how a filmmaker perfects the manipulation of the scene through cinematic timing, transitions, and effects that would convey similar feelings in the viewer through explicit and implicit meaning. Students will address questions of narrative form, style and genre and consider film as a social, cultural and ethical document. Cinematic Language aims to broaden a student's notion of cinema and expand ideas of what film is and might be.

FSP3000 EXPERIMENTAL FILM (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Audio Visual Studies) Band 1B

Enrolment is not permitted in FSP3000 if FTR3002 has been previously completed.

Experimental Film is concerned with enhancing and expanding knowledge and application of technical, conceptual, practical and observational skills related to experimental forms of cinematic story telling. This course introduces students to the theory and practice of the experimental filmmakers. Students will engage with and use the key experimental film movements and practitioners. Students will explore voice and representation, power relationships and subversion. Students should acquire advanced technical, analytical and research skills. This course includes lectures and discussions about contemporary experimental cinema through critical analysis of the work of established professionals in order to increase student insight into their professional practices as well as looking at how artists position their work.

FSP3001 FILM PROJECT 1 (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Audio Visual Studies) Band 1B

Enrolment is not permitted in FSP3001 if FTR3021 has been previously completed.

This course explores at an advanced level, the intersection between theory and practice in film related projects. The emphasis will be primarily on developing film practice and the individual identity of the film student as a professional artist. It develops outcomes with a view to identifying and articulating the discoveries made through experiential methodologies in order to develop discipline expertise as graduates looking to enter the film industry.

FSP3002 FILM PROJECT 2 (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Audio Visual Studies) Band 1B

Pre-requisite: FSP3001

This course will explore at an advanced level the intersection between theory and practice in film related projects in further detail. The emphasis will be completing advanced film practice and outcomes. Advanced skills and knowledge in scriptwriting, production management, location production, editing, sound recording, and preproduction and visual effects will be drawn upon to complete an audio-visual production. Teamwork, communication skills and group work will also be highlighted. This is a 'capstone' course for third year students.

FSP3003 ADVANCED PRODUCING (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Audio Visual Studies) Band 1B

Pre-requisite: FSP3001 Enrolment is not permitted in FSP3003 if FTR3000 has been previously completed.

This course will explore how to incubate a Media Business from start-up through to commencement of business. The areas of business management and financial models will provide insights into the media industry. How to develop an ASIC registered business, advanced budgeting, media legal systems, national and state funding bodies and the business behind broadcasting will also be explored. Also, how to apply for grants, how to attract business clients, how to deal with 'pitching' to television networks and commissioning editors and negotiating with other film producers (such as 'Co-Productions') will be discussed to assist final year students in making the transition to becoming successful media professionals.

FSP3004 INTERACTIVE DOCUMENTARY (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Units 1 (Audio Visual Studies) Band 1B

Enrolment is not permitted in FSP3004 if FTR3007 has been previously completed.

This course examines the reframing and repositioning of the word 'interactive' as it relates to emerging forms of factual storytelling. Students will expand on skills and knowledge gained in previous courses such as FSP2005 Cinematic Language, FSP2003 Post Production and VFX to develop and build new forms of storytelling in digital, computer and web forms. Students will explore the relationship between theme, form and authorship through case studies and experiential learning.

FUT1001 INTRODUCTION TO FORESIGHT AND FUTURES THINKING (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Sociology) Band 1B

Every aspect of modern society is in a state of unprecedented change. From this, important questions emerge as to 'how' the future may unfold and what choices can be made in the present under conditions of uncertainty. This course is an introduction to foresight and the field of futures studies. It is about learning to understand how various futures may occur and the role of human agency in shaping the future; it is not about predicting the future. The course introduces you to futures studies theory, concepts and analytical approaches. The course focuses on both the theoretical and practical aspects of undertaking future-focused enquiry. You will engage with challenges facing humanity and explore future possibilities related to contemporary issues. Upon completion, you will have developed a valuable futures-focused mindset and tools that you can develop and adapt as your career and life experience demands.

FUT1003 SYSTEMS THINKING FOR FUTURE ENTERPRISES AND SOCIETY (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Sociology) Band 1B

Systems thinking represents the ability to think in a holistic way when viewing the source of volatile, uncertain, complex and ambiguous problems. All aspects of society include systems that produce social, organisational, natural and individual change. Understanding a systems way of thinking and the principles of system structures, interactions and behaviour over time is essential for a proactive outlook. This course will enable you to adopt a holistic view of systems. The course focuses on a human-centred perspective of systems and their sustainability over time. The concepts and tools that are covered include system dynamics, post-normal times theory, hard / soft systems, systems synergy, systems entropy and the Biomatrix systems approach to mapping and analysing systems.

GIS1401 GEOGRAPHIC DATA PRESENTATION (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba (ONC)Springfld

Units 1 (Mapping Science) Band 2

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

GIS1402 GEOGRAPHIC INFORMATION SYSTEMS (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

Units 1 (Geomatic Engineering not elsew) Band 2

The course will cover the basic concepts and principles of geographic information systems (GIS). Topics to be covered include the fundamentals of GIS and GIS data quality and implementation issues.

GIS2405 SPATIAL ANALYSIS AND MODELLING (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

Units 1 (Geomatic Engineering not elsew) Band 2

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

GIS2407 WEB BASED GEOGRAPHIC INFORMATION SYSTEM (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Mapping Science) Band 2

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

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

GIS3008 APPLICATIONS OF GIS AND REMOTE SENSING (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Geomatic Engineering not elsew) Band 2

Pre-requisite: GIS1402 and GIS3406 or Students must be enrolled in one of the following Programs: GCST or GDST or MSPT

This course is a problem based learning course. It will allow students to apply geographic information systems (GIS) and remote sensing methods and techniques that they have acquired to open ended problems. Emphasis will be placed on how spatial science and technologies are being applied in niche areas to acquire, manage, analyse and generate spatial information for planning and management. The problems in this course may come from the following application areas: natural resource management, environment and ecology, urban and regional planning, socio-economic aspects and business, agriculture, health, engineering, and climate.

GIS3406 REMOTE SENSING AND IMAGE PROCESSING (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Mapping Science) Band 2

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

GIS3407 GIS PROGRAMMING AND VISUALISATION (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Mapping Science) Band 2

Pre-requisite: GIS1402 and CSC1401 or Students must be enrolled in one of the following Programs: GDST or MSST or GCST or MENS or MSPT

In this course, students will learn about Python scripting language for GIS programming, geodatabase design and implementation, spatial data visualisation in GIS, and 3D visualisation using markup language.

GPL2901 GIS AND PLANNING PRACTICE 1 (FHESC - UGRD)

Units 0 (Geomatic Engineering not elsew) Band 2

Pre-requisite: (GIS1401 and GIS1402) or (URP2001) or (Students must be enrolled in one of the following Programs: GCNS or GDNS or MENS)

The course is intended to provide students with basic to intermediate skills in the use of industry-standard software and hardware being used in spatial science, particularly on geographic information system (GIS) and remote sensing. The delivery will focus on the hands-on approach and applications-oriented project done in an inter-disciplinary group that will cover urban and regional planning, environmental management, agriculture, engineering, etc. It will cover computer lab exercises, workshops, group work, and project presentations. This course contains a mandatory residential school.

GPL3902 GIS AND PLANNING PRACTICE 2 (FHESC - UGRD)

Units 0 (Geomatic Engineering not elsew) Band 2

Pre-requisite: (GIS1402 or URP2001) Pre-requisite or Co-requisite: GPL2901

The course will cover advanced topics in the analysis and applications of spatial data for planning and management. It will further build the students' competency in the use of industry-standard software and hardware in spatial science, particularly on geographic information system (GIS) and remote sensing. The delivery will focus on the hands-on approach and applications-oriented project done in an interdisciplinary group that will cover urban and regional planning, environmental management, agriculture, engineering, land and resource management, etc. This course contains a mandatory residential school.

HAC1000 THE SKILFUL COMMUNICATOR (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba

Units 1 (Society and Culture not elsewh) Band 1B

Enrolment is not permitted in HAC1000 if CMS1000 or CMS1100 has been previously completed

As a first-year student, you will participate in practical activities and workshops designed to help you maximise your academic success and future employability during your career path. The course comprises written and oral communication skills; academic, information and digital literacies; self-directed learning; and critical thinking to help you succeed in academic and professional contexts. This course will foster your self-belief and agency to communicate inclusively with a clear purpose and strengthen your skills in reflection and self-awareness. The course will be delivered through collaborative discussions and portfolio development.

HAC1001 THE PROFESSIONAL SELF: BUILDING CAREER IDENTITY (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Society and Culture not elsewh) Band 1B

This first year course aims to provide you with the necessary skills to plan and future proof your career journey, whether you are a school leaver, career changer or mature age entrant looking to study and earn from your passion. You will learn key skills to broaden your self-awareness and career identity, conduct labour market research and examine industry professional standards and ethical practices early in your degree for application in other courses. Your major assessment will be to develop a career plan aligned to a chosen area of professional interest and identifying areas for continued learning. The course will be delivered through lectures, collaborative discussions, and portfolio development.

HAC1003 INFLUENCING CHANGE: CREATING IMPACT (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Society and Culture not elsewh) Band 1B

Your learning in this course allows you to develop specific program capabilities - the ability to critically evaluate multiple sources of evidence in developing your own individual viewpoint, and applying relevant theories to researching, planning, and achieving effective solutions to complex problems.

HAC1004 STORYTELLING (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Society and Culture not elsewh) Band 1B

Through a range of discipline perspectives, this course will examine how stories and the act of storytelling can influence the process of how we conceptualise and narrate our environment, our identities and ourselves. This course will centre around key questions: why do we tell stories; what stories do we tell; and what is the impact of these stories; and who controls the stories? Your learning in this course allows you to develop specific program capabilities - the ability to critically evaluate multiple sources of evidence, develop your own individual viewpoint, and applying relevant theories to researching, planning, and achieving effective solutions to complex problems.

HAC1005 BUILDING AGENCY (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Springfld

Units 1 (Society and Culture not elsewh) Band 1B

Through a range of discipline approaches, this course will examine the process of building agency and enable you to practice the skills, knowledge and attributes to effectively support others to act and contribute to their lived environments. Your learning in this course allows you to develop specific program capabilities - the ability to critically evaluate multiple sources of evidence, develop your own individual viewpoint, and apply relevant theories to researching, planning, and achieving effective solutions to complex problems.

HAC1006 GLOBAL LIVES AND DISRUPTION (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Society and Culture not elsewh) Band 1B

This course examines the concept of solving 'wicked problems' that impact on societies and communities, with academic credibility through multidisciplinary approaches. Through a variety of authentic case studies and global scenarios, you will develop transferable skills and knowledge in multidisciplinary learning, collaborative problem solving and applied research. You will be required to collaborate in teams, bringing together diverse perspectives to design solutions to an authentic disruptive scenario.

HEA1100 INTRODUCTION TO ALLIED HEALTH (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich

Units 1 (Rehabilitation Therapies not e) Band 2

Effective healthcare teams are vital to supporting the needs of clients, especially those with complex conditions or disability. In this course students will be introduced to the allied health professions, with a focus on the role of Allied Health Assistants. All health professionals are expected to manage their practice, their environment, and take care of the people they are working alongside and with. Students will also start to develop competencies required to work in allied health such as managing legal and ethical compliance, following safe work practices, and communication. This course will utilise a mixture of online learning, tutorials, practical sessions and laboratory sessions. Students will be expected to attend all practical classes, tutorials and laboratory sessions.

HEA1200 ALLIED HEALTH ASSESSMENTS (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich

Units 1 (Rehabilitation Therapies not e) Band 2

Pre-requisite: HEA1100

In this course students will be introduced to the basic structure and functions of the body systems and associated components. They will apply this knowledge to obtain and interpret information about client health status and to check a client's physical health. Furthermore, students will learn how to understand and respond to instructions; to carry out routine tasks and communicate with a range of internal/external clients in a medical environment; as well as use appropriate medical terminology. This course will utilise a mixture of online learning, practical sessions, laboratory sessions, and tutorials. Students will be expected to attend all practical classes, tutorials and laboratory sessions.

HEA8001 CONTEXTS OF PRACTICE (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Health not elsewhere classified) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: BHEH or MNRS or MNSG or PDEV or GCHH or GDHH or MOHH or DOHH or GDNG or GCNM or GCHE or GCNG

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

HEA8101 FOUNDATIONS OF GERONTOLOGY PRACTICE (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Health not elsewhere classified) Band 2

This course provides a focus for quality health care provision for older people that builds and expands on prior knowledge and skills gained from undergraduate level nursing courses. The course will provide postgraduate nursing students with advanced concepts to enhance their clinical decisions and practices related to older people across a wide spectrum of clinical settings and the community. The course will also contribute to the ongoing development of nurses' qualities as leaders, especially as change agents in their respective health practice contexts that improve the care experience and quality of life of older people. Learning outcomes will address key concepts such as philosophies of care approach, professional nursing and aged care quality standards, healthy ageing and the older person, the ageing process, including the theories of ageing, contemporary practice and cultural challenges and issues, significant to local, national and international healthy aged care practices.

HEA8102 PERSPECTIVES OF HEALTHY AGEING (FHESC - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Health not elsewhere classified) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: BHEH or GCHH or GDHH or MOHH or MNRS or MNSG or GDNG or GCNG or PDEV

The aim of this course is to expand the postgraduate student's knowledge of the changes that occur with normal ageing, the pathophysiology of ageing and the preventative, and therapeutic measures to promote the older persons' safety and quality of life. Learning outcomes will address key concepts such as normal ageing, age related pharmacokinetic and pharmacodynamics changes associated with the use of medications and complementary therapies, comprehensive geriatric assessment, mental health and wellbeing, ethical and cultural considerations, risk assessment and health promotion. This course will contribute to the ongoing development of nurses' qualities as leaders, especially as change agents in their respective health practice contexts that improve the care experience and quality of life of older people.

HEA8104 ALZHEIMERS AND DEMENTIA: CONTEMPORARY PERSPECTIVES (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Nursing not classified) Band 1

Pre-requisite: HEA8001 and Students must be enrolled in one of the following Programs: GCHH or GDHH or MOHH or MNSG or GDNG or GCNG or PDEV

This course provides a collaborative learning environment that enables students to further develop their current knowledge and understanding of dementia as the condition progresses. Through a strong theoretical base learning will challenge and cultivate higher thinking processes that are required to manage and support people with dementia. The course encompasses a critical reflection of current research and review of relevant literature pertaining to dementia care. Throughout the learning the knowledge components of the unit of study are balanced with practical inferences and strategies that are attuned to the current health environment and have a multidisciplinary approach incorporating the support and inclusion of the client's family/significant other. It is perceived that through a balance of knowledge and skill reflection and development that the student will gain both confidence as well as advanced practical skills in their ongoing practice areas.

HEA8105 PERSPECTIVES ON 'END-OF-LIFE' (FHESC - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Nursing not classified) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: PDEV or MNSG or GCHH or GDHH or MOHH or GDNG or GCNG

The 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 application to practice for both malignant and non-malignant palliative illnesses. Concepts will reflect a range of health care settings, across the lifespan, and include interdisciplinary assessment, critical thinking and clinical decision making processes to promote holistic, person-centred care. The role of family/significant other in the caregiving process will be reflected throughout the course.

HEA8201 INTRODUCTION TO CLINICAL EDUCATION (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Health not elsewhere classified) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: BHEH or MNSG or GCNG or GDNG or PDEV or GCHH or GDHH or MOHH or GCHE and be employed as a practising health professional

The course builds foundational knowledge of the core elements for promoting active learner-centred learning in the clinical setting, including assessment of learning and addresses communication aspects of interprofessional education including communication, peer support principles, creating positive environments and networking.

HEA8202 INNOVATIVE LEARNING STRATEGIES FOR HEALTHCARE ENVIRONMENT (FHESC - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Health not elsewhere classified) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: BHEH or MNSG or GCNG or GDNG or PDEV or GCHH or MNRS or GDHH or MOHH or GCHE Co-requisite: HEA8001

Students will critically analyse evidence to determine innovative strategies to provide learning in their work context. The strategies will be reviewed in relation to recognised theories of learning and developed into learning opportunities to be provided within the organisation. In this course students will learn to link learning outcomes acquired from innovative strategies to accreditation standards.

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

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Health not elsewhere classified) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: GCHH or GDHH or MOHH or GCNG or GDNG or MNSG or PDEV or GDPH or MPUH or GCPU

The purpose of this course is to enable health and social well-being practitioners to increase theoretical understanding of the ways in which culture determines health outcomes. Students will be encouraged to reflexively explore their role in cultural practices within health care systems that impact on the health and well-being of diverse populations. This course encourages the health professional to explore the impact of the personal upon the professional through taken for granted cultural norms within health and social care practice. Students will be encouraged to explore the notion of power and privilege through a reflexive cultural lens. Developing a skill for cultural self-awareness will empower the health care professional to contribute to cultural and organisational change within their area of professional practice.

HIS1000 WORLD HISTORY TO 1500 CE (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba

Units 1 (History) Band 1B

This course examines the rise and fall of societies 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 gain historical knowledge across a broad period and will acquire analytical and research skills. The course introduces the basic principles of historical methodology. It complements the course ANT1000 World Archaeology: An Introduction which employs an anthropological approach, and HIS1004 Global History, 1500-1900. The course is particularly suited to Arts and Education students and is ideal as a general elective for all those seeking an introduction to the study of world history.

HIS1004 GLOBAL HISTORY, 1500-1900 (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Units 1 (History) Band 1B

Enrolment is not permitted in HIS1004 if HIS2103 has been previously completed

In this course you will engage with key developments in global history from 1492 to 1914. Guided by historical interpretations of the phases of globalisation and world-systems theory, you will investigate how the disproportionate status of power and wealth across the globe developed and probe 'the West and the rest' thesis and explore the significance of cultural relativism. This history reveals a pattern of the rise and decline of empires, states and nations, inviting interpretations about the fluctuating pace of developments between China, the Ottomans and the West. There is a specific focus on the contributions of colonisation, African slavery, the Industrial Revolution and mass migrations to the making of the modern world. You will develop research, written and analytical skills to interpret historical case studies and narratives for their global significance in relation to the sub-themes of cultural exchange, political change, unfree labour, women's experiences, and industrialisation.

HIS1005 INTRODUCTION TO AUSTRALIAN HISTORY (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (History) Band 1B

Enrolment is not permitted in HIS1005 if HIS1001 and HIS2000 have been previously completed

This course explores the major themes of Australia's history and provides an overview from pre-contact to the present. Using primary and secondary sources of evidence, you will study topics including Indigenous societies; colonisation and colonialism; Federation, and Australia's changes in the twentieth century. This will enhance your knowledge of Australia and support your development of skills in research methods, historical interpretation and written presentation.

HIS1115 LEGAL HISTORY (FBELA - UGRD)

Units 1 (History) Band 1B

Enrolment is not permitted in HIS1115 if LAW1114 or LAW1202 has been previously completed.

Law is shaped by its surrounding society. The study of history requires an appreciation of the effect changing social habits and attitudes have on law, and the study of law requires an understanding of social and historical setting in which political institutions and law developed. Students will address concepts that have affected the development of Australian institutions and law, and the historical circumstances that gave rise to constitutional principles such as the rule of law, sovereignty, the role of Parliament, the electoral franchise and the separation of powers. The impact of law on Indigenous Australians will also be included.

HIS2001 SOVEREIGNTY, EQUALITY AND RACISM IN AUSTRALIA'S PAST (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba

Units 1 (History) Band 1B

Pre-requisite: HIS1004 or HIS1005 or ISE1001 or ISE1003 or ANT3000 and one other History or Indigenous Studies or First Nations Australia or Anthropology course

In this course you will explore how the historical development of racial ideas and structures has affected numerous peoples over Australia's history and impacted Australia's reputation internationally. By researching Indigenous-European relations and case studies on indentured South-Sea Islander, Melanesian, Irish, Chinese, German, Italian and post-war migrant communities, we unpack the historical layers of individual and institutional racism from the late-eighteenth to the twentieth-first centuries. You will engage with episodes of frontier violence, 'responsible government' in the post-1856 era, dispossession, institutionalised racism, the White Australia policy, gender/race coercion and exploitation, and social crises and scapegoating, and empowerment. Can an overarching pattern be discerned? The course provides a theoretical lens to assist in answering this question through the overt and covert impact of racial beliefs on and the resilience of First Nations Australians, Pacific Islanders and migrants.

HIS2006 REVOLUTIONS AND THE PEOPLE'S VOICE (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Units 1 (History) Band 1B

In this course you will explore the history of Europe through a lens of radical change. Between the Renaissance and rise of nationalism - an epoch when events and new ideas could not be contained - Europeans increasingly resisted the constraints enforced by traditional elites and power structures. This course is framed by the concept of popular sovereignty and punctuated by the overarching themes of transformation, resistance, revolution and divergence through which students explore the nature and impact of the 'voice' of the people. While encompassing political and economic pressures this history content invites discussion about the roles of semi-literate and educated men and women, who thought outside the paradigm and took advantage of the printing press. Of significance is the power of illiterate and semi-literate folk who contested injustices under Church, states and nations. You will engage in archival and scholarly research to develop knowledge, academic competencies and practical professional skills.

HIS2007 PRIVATE LIVES, PUBLIC HISTORIES (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (History) Band 1B

Pre-requisite: One unit of History

This course explores the various ways in which the past is made present in contemporary societies. It introduces public history debates and methods; draws on comparative examples; and encourages engagement with specific public history projects. Students will critically evaluate several varieties of public history and consider the strengths and weaknesses of different approaches. Students will be required to advance their knowledge about the social, cultural and political contexts in which public history is produced.

HIS3002 TOTAL WAR: WORLD WAR II AND THE TWENTIETH CENTURY (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (History) Band 1B

Pre-requisite: Any two courses of History or International Relations

This subject will focus on World War Two and its impacts on the twentieth century. You will explore questions about the causes of armed conflict, and the nature of 'total war' including its social, economic, cultural and political consequences for modern global history. You will examine topics such as: the situation of Europe and Japan after World War One; the rise of fascism in Italy and Germany; interwar diplomacy and its failure to preserve peace; the origins of World War Two in Asia and Europe; the barbarism of warfare including the Holocaust; and the legacy of total war, such as the development of international human rights legislation and the Cold War.

HIS3004 INTERPRETING THE PAST (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (History) Band 1B

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

This course provides you with advanced knowledge on how history is practiced and the means for identifying relevant approaches for interpreting the past, as well as the role of historians have taken in shaping both past and present. You will explore the ways ancient, classical, medieval and early-modern historians conceptualised history, and the critical historiographical developments that led to the establishment of the discipline in the late 1800s. You will also engage with how major historical events have influenced debates and contesting interpretations. In this course you will work on a research project about a historical controversy to demonstrate the tensions

HIS5115 ADVANCED LEGAL HISTORY (FBELA - PGRD)

Units 1 (History) Band 1B

Pre-requisite or Co-requisite: LAW5111 Enrolment is not permitted in HIS5115 if LAW5114 or LAW5502 has been previously completed

Law is shaped by its surrounding society. The study of history requires an appreciation of the effect changing social habits and attitudes have on law, and the study of law requires an understanding of social and historical setting in which political institutions and law developed. Students will address concepts that have affected the development of Australian institutions and law, and the historical circumstances that gave rise to constitutional principles such as the rule of law, sovereignty, the role of Parliament, the electoral franchise and the separation of powers. The impact of law on Indigenous Australians will also be included.

HMT2000 ETHICAL ISSUES AND HUMAN RIGHTS (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

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

Pre-requisite: HMT1000

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

HMT3001 INDEPENDENT STUDY PROJECT A (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

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

Pre-requisite: Completion of 16 units, of which 5 must be in area of proposed study project; subject to agreement of appropriate supervisor. Enrolment is not permitted in HMT3001 or HMT3002 if PRL3002 has been previously completed.

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

HMT3002 INDEPENDENT STUDY PROJECT B (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

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

Pre-requisite: Completion of 16 units, of which 5 must be in area of proposed study project; subject to agreement of appropriate supervisor. Enrolment is not permitted in HMT3001 or HMT3002 if PRL3002 has been previously completed.

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

HMT4001 HONOURS DISSERTATION A (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 2 (Studies in Human Society n.e.c) Band 1B

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

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

HMT4002 HONOURS DISSERTATION B (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 2 (Studies in Human Society n.e.c) Band 1B

Pre-requisite: Students must be enrolled in Program: BAHN or BCAA. This course can only be taken after achieving a grade of IIP in HMT4001.

This two unit course enables students enrolled in the Honours programme to complete their dissertation under supervision. This course is a continuation of the work commenced in HMT4001 Honours Dissertation A. The dissertation shall be (i) 12,000-15,000 words for a fully written dissertation (Module 1); OR (ii) a professional body of work and a written exegesis of 5,000-8,000 words (Module 2 - especially suited to BCAA students); OR (iii) creative writing (10,000 words) and a written exegesis (5,000 words) for creative and critical writing students.

HMT4006 ADVANCED THEORIES AND DEBATES IN THE DISCIPLINE (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 2 (History) Band 1B

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

This course exposes developing research students to the key debates and theories within their specific disciplines and within cognate disciplines located within the humanities, social sciences and communications. Students will be given an overview of theoretical debates in a variety of disciplines, before focusing on the influential theorists of their own discipline area. This allows honours students to develop their theoretical research knowledge in order to engage in scholarly debates within and across disciplines and to progress towards higher degree research. Students will develop a range of professional and scholarly skills by participating in workshops, online discussions, and peer debate.

HMT4007 BECOMING A RESEARCHER (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 2 (Communication and Media Studies) Band 1B

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

Students will explore the practical skills and methodological choices necessary and available to researchers in communications, creative arts, humanities and social sciences. They will also examine the processes and requirements of research project management, including articulating a research focus, finding and reviewing relevant literature, and structuring and presenting a long research project in both written and oral form. Students will also investigate different methods, methodologies and theories and discuss their values and uses for developing research in these disciplines.

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

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Nursing not classified) Band 1

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

HSC8060 RESEARCH PROJECT DESIGN (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Health not elsewhere classified) Band 2

Pre-requisite: HSC8050 and Students must be enrolled in one of the following Programs: DPHD or MNRS or MNSG or MOHH

With guidance from a member of academic staff as supervisor, students will plan and design an independent research or scholarly project which relates to their overall program of study.

HSC8070 HEALTH MASTERS PROJECT A (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Health not elsewhere classified) Band 2

Pre-requisite: HSC8050 and HSC8060 and Students must be enrolled in one of the following Programs: MOHH or MNSG or MPUH. Pre-requisite: MPUH only - PUH8010 and PUH8020 and PUH8030 and PUH8040

This is the first of two courses that contribute towards the Nursing Masters Project. With guidance from a member of academic staff as supervisor, the student will undertake an independent research project which relates to their overall program of study. The student will gain all necessary approvals for undertaking the research including ethics approval and undertake data collection and analysis project.

HSC8080 HEALTH MASTERS PROJECT B (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Health not elsewhere classified) Band 2

Pre-requisite: HSC8050 and HSC8060 and HSC8070 and Students must be enrolled in one of the following Programs: MOHH or MNSG or MPUH. Pre-requisite: MPUH only - PUH8010 and PUH8020 and PUH8030 and PUH8040

With guidance from a member of academic staff as supervisor, students will conduct an independent project, based on a research proposal developed in HSC8060 Research Project Design, and which relates to their overall program of study. The project commenced in HSC8070 Masters Project A, and will be completed in this course. The student will prepare a final project report of an appropriate scholarly standard, in the form of thesis or manuscript for submission to a high quality journal, approved by the Course Examiner. This course will operate on the basis of regular individual consultation, interaction, and negotiation between the student and the nominated supervisor, and written and verbal feedback by the supervisor on the student's work in progress.

HSW1000 FOUNDATIONS OF THE HUMAN SERVICES DISCIPLINES (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich (ONL)Toowoomba

Units 1 (Community Health) Band 2

This course provides an overview and introduction of social welfare and health theories, services, values, and practice from Australian and international perspectives. It establishes the intellectual and value context for the broader human service field and introduces students to key perspectives of health, welfare, vulnerability and disadvantage. Content covered includes national and international history of health and social welfare provision and explores the philosophies, underpinning values, debates, and practice in Australia and abroad through interactive lectures and tutorial activities.

HSW1110 MENTAL HEALTH AND PSYCHOSOCIAL DISABILITY (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONL)Toowoomba (ONC)Ipswich

Units 1 (Sociology) Band 10

The course introduces students to mental health, mental illness and psychosocial disability. The Australian context is the focus but the global context is also addressed. Students will acquire mental health literacy skills and be introduced to trauma-informed practice. They will develop a comprehensive understanding of how to deliver and contribute to mental health community support services using the recovery framework.

HSW1300 INTRODUCTION TO CHILD PROTECTION PRACTICE (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich (ONL)Toowoomba

Units 1 (Community Health) Band 2

This course will enable participants to examine the origins and evolution of the idea of child protection practice and underpinning theoretical concepts. The moral, social, educational, legal and political discourses as well as educational, psychological, sociological and medical theories of child development will be considered as contributors to shaping child protection practice. A socio-political lens will be applied to child protection practice and the influence of broader social structures on child abuse will be considered. Further, participants will reflect on how their own values, beliefs and experiences shape how they might approach assessing the safety and wellbeing of a child and/or young person.

HSW1500 COLLECTIVE ACTION AND COMMUNITY DEVELOPMENT (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba
Units 1 (Social Work) Band 10

Enrolment is not permitted in HSW1500 if CDS1000 has been previously completed.

The course introduces students to community development within the context of the Social and Community Services Industry in Australia. It examines community development and distinguishes this approach from other ways of working with marginalised groups of people. Students are provided with the opportunity to engage in identifying, examining and refining collaborative responses to issues affecting marginalised groups locally, regionally, nationally and globally.

HSW2100 ADVOCACY, ALLIES AND PEER SUPPORT (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Community Health) Band 2

This course introduces students to various models of advocacy, both systemic and individual. Students will be equipped with skills to identify existing laws (State, Federal, and International) that remedy human rights breaches, as well as identify gaps in anti-discrimination coverage. In order to be effective practitioners, students will evaluate different forms of argumentation and rhetoric, and develop the art of writing persuasive briefs. The latter section of this course focuses on reviewing systems of peer support especially for youth services and mental health programs.

HSW2120 HUMAN SERVICES CASE MANAGEMENT (FHESC - UGRD)

Semester 1 (EXT)Toowoomba

Units 1 (Community Health) Band 2

Case management is the systematic planning and coordination of services to effectively address client needs and goals. This course will survey the history, models, principles, and ethics of case management. Students will also learn the primary skills and stages associated with case management including assessing, planning, coordinating, and reviewing cases. Students will also learn principles on how to develop and deliver health education. This course contains a mandatory residential school for both external and on-campus students.

HSW2211 YOUTH WORK PRACTICE (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Ipswich

Units 1 (Youth Work) Band 10

This course will explore contemporary and distinctive youth work practices. Students will explore the different perspectives and experiences of young people, youth workers and other critical stakeholders. Content presented will enable students to critically appraise the evolution of youth work within a cultural and sociological framework that considers matters of agency, health and empowerment.

HSW2220 HEALTH AND WELLBEING ACROSS THE LIFESPAN (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich (ONL)Toowoomba

Units 1 (Care for the Disabled) Band 10

This course provides an overview of development across the lifespan and links these to health and social conditions affecting different populations. It considers biological and psychological factors and their interplay with broader structural factors including social determinants of health. The course addresses health and wellbeing issues from birth to the end of life, with a focus on promoting health for diverse individuals and populations. Specifically, this course considers the health and wellbeing of people living in rural and remote areas, First Australians, culturally and linguistically diverse communities, and people who are homeless.

HSW2299 PROFESSIONAL PLACEMENT A (FHESC - UGRD)

Semester 1 (EXT)Toowoomba

Semester 2 (EXT)Toowoomba

Units 1 (Human Welfare Studies and Serv) Band 10

Pre-requisite or Co-requisite: CDS2000 and HSW2120. Students must have completed at least 4 courses before undertaking placement.

The course offers students the opportunity to undertake placements with human services organisations working with different client groups. Examples of placement organisations include aged care, community organisation, Cultural and Linguistically Diverse (CALD) associations, and volunteer groups and so on. Students work closely with their agency supervisors to develop and adhere to a learning plan that includes attributes such as ethical practice, confidentiality, cultural awareness and professional development. The placement allows students to gain insight into the skills required for working and inter

HSW3220 INTEGRATIVE COMMUNITY BASED APPROACHES (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Care for the Disabled) Band 10

This course introduces the WHO Community Engagement Framework and practical resources for understanding and assessing functioning and health of individuals and populations. Students will apply knowledge of community-based participatory approaches, collaborative planning, and leadership development as community-based approaches to promote access and inclusion in contexts of cultural diversity. Students will demonstrate professional communication skills in advocating for inclusive development and discussing ethical considerations in complex human services systems.

HSW3399 PROFESSIONAL PLACEMENT B (FHESC - UGRD)

Semester 1 (EXT)Toowoomba

Semester 2 (EXT)Toowoomba

Units 1 (Human Welfare Studies and Serv) Band 10

Pre-requisite: HSW2299

The course provides opportunities for students to refine and apply professional attributes and skills in areas such as case work, client and stakeholder communication, analytical thinking, teamwork and organisational management. The field experience and assessment will also enable implementation of theoretical frameworks and techniques available to human service practitioners. IMPORTANT NOTE: Students are not to commence work in the host organisation without authorisation from the assigned UniSQ staff member. The UniSQ staff member will need to approve the suitability of the host organisation, the work plan, and the supervisor, prior to starting the placement. Failure to receive prior approval before commencing will be working outside the parameters of the course and will not be recognised or supported by UniSQ or its insurance coverage. Additional information about professional placements can be found on the Bachelor of Human Services Studydesk site, located on the main Studydesk page for Human Services students.

HSW4100 HEALTH: PROJECT A (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Ipswich

Semester 2 (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Ipswich

Units 2 (Human Welfare Studies and Serv) Band 10

Pre-requisite: Students must be enrolled in the following program: BHEH or BOTH Co-requisite: SCI4405

This course will enable students to further develop evidence-based skills via a research project whereby students will gain experience with research design, collecting and analysing data, and the synthesis of results. Alternatively, students will commence an organisational project in a discipline specific area. Some students studying this course in the online mode, will need to negotiate project goals and assessment and may have to meet attendance requirements.

HSW4110 LEADERSHIP, MANAGEMENT AND ENTREPRENEURSHIP TO MAINTAIN WELLBEING (FHESC - UGRD)

Semester 2 (ONC)Ipswich

Units 1 (Human Welfare Studies and Serv) Band 10

This course introduces students to current and emerging trends in organisational leadership, management, and entrepreneurship. Content delivered enables students to understand the fundamental distinction between management and leadership and discriminate between approaches to these that are most suited to the development of a socially enterprising organisational culture.

HSW4200 HEALTH: PROJECT B (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONL)Toowoomba

Semester 2 (ONC)Ipswich (ONC)Toowoomba (ONL)Toowoomba (ONC)Ipswich (ONC)Toowoomba

Units 2 (Human Welfare Studies and Serv) Band 10

Pre-requisite: HSW4100

This course will enable students to extend their evidence-based skills through the completion of a research project and preparation of a thesis, professional document or manuscript for potential publication. The project will include completing data analysis, synthesising results and the preparation of documentation and a presentation to communicate findings to other professionals. Some students taking this course in the online mode, depending on their negotiated studies/assessment, may have attendance requirements.

IDK2203 INDIGENOUS ENVIRONMENTAL PERSPECTIVES AND KNOWLEDGE (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Environmental Studies not else) Band 2

This course will explore Indigenous relationships with country and how these knowledges and perspectives can be incorporated into resource management. This course introduces students to perspectives on Indigenous relationships to biodiversity, lands, waters, and cultural sites. It will explore Indigenous philosophies, knowledges, systems, and processes as they apply to country, land, and the natural environment more generally. The meaning and role of the concept of Country and its importance to Indigenous health and wellbeing will be explored. Students will critically review the historic and contemporary contexts for Indigenous natural resource management and its contribution to broader conservation and sustainability of Australia's natural ecosystems. The course will also provide students with knowledge and skills to engage and collaborate successfully with Indigenous peoples in many land or natural resource management issues. Students will develop an understanding of intercultural awareness by critically reviewing their own values, beliefs, and worldviews.

INR1000 INTRODUCTION TO INTERNATIONAL RELATIONS (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Political Science) Band 1B

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

INR1002 SOFT POWER AND CULTURAL DIPLOMACY (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Political Science) Band 1B

This course focuses on the concept of 'soft power' in international relations discourse and practice. You will develop an understanding of how soft power functions through various diplomatic and cultural relations, often driven by non-state and civil society actors. You will explore and apply these concepts to various case studies and examples, such as the Olympic Games, the World Cup, the Eurovision Song Contest, the Colombo Plan, and tourism. This course is included in the International Relations major, but can be taken as an elective by any student with an interest in the intersection between politics and culture in a globalising world.

INR2000 GLOBAL FOREIGN POLICY (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Human Geography) Band 1B

You will examine 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, you will explore the foreign policy perspectives of the 'great powers', the European powers and the 'emerging' powers.

INR2001 AUSTRALIAN FOREIGN RELATIONS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Political Science) Band 1B

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 the Asia-Pacific region, and to identify factors that have contributed to the development of these relations. The course also discusses the international role of Australia in the present era.

INR2003 STRATEGIC STUDIES (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Political Science) Band 1B

Rapidly evolving responses to terrorism, including military incursions and peacekeeping interventions, have increased the need for International Relations students to develop knowledge of warfare and strategic issues. In this course, you will develop in-depth perspectives on strategic studies in the contemporary world including land, air and sea power, and their application to theories. In addition to students undertaking the International Relations major, this course is also relevant to History and Journalism students.

INR3005 MIGRANT WORLDS: ISSUES IN CONTEMPORARY AND GLOBAL MIGRATION (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

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

Pre-requisite: Successful completion of a minimum of 8 units of study in any discipline or major

In this course, you will investigate and examine the theoretical and conceptual bases for migration as a global phenomenon. You will also explore contemporary and historical issues in global and Australian migration trends, and the ways in which these shape cultures, societies, economies and politics across various contexts. By analysing a range of international and Australian case studies, you will interpret major trends such as humanitarian and economic migration, and settlement policies.

INR3006 DECISION-MAKING, TERRORISM AND INTERNATIONAL SECURITY (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Political Science) Band 1B

The course addresses decision-making in the context of national and international security, drawing on complex, real-world concepts used in practice and providing students with frameworks for solving relevant problems and interpreting decisions. Using a combination of problem-based learning and discussion, students are introduced to decision theory and will learn to apply it to terrorism, non-conventional warfare, espionage, and areas of emerging concern to governments and their agencies. Students will demonstrate their critical thinking, problem solving and communication skills by drawing on decision theory to examine the possible actions to be taken in response to real-world problems and with reference to risk and uncertainty, and an ability to articulate the results of their analysis in a user-friendly and practical manner.

INR3007 GLOBAL ENVIRONMENTAL POLITICS (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Political Science) Band 1B

This course applies international relations theories and practices to global environmental issues. It introduces you to specialised international relations theories pertaining to the environment. It facilitates in-depth analysis of contemporary global environmental governance, such as the Paris Accord, and important security issues, including military security, human security, and economic development. This course is included in the International Relations major, but can be taken as an elective by any student with an interest in the intersection between politics and the environment in a globalising world.

INR8010 INTERNATIONAL RELATIONS: GUIDED TOPICS (MASTERS) (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Political Science) Band 1B

Pre-requisite: Students must be enrolled in one of the following Programs: MARA or MBSI or MSTA or BAHN or GCBU or GDBZ. Enrolment is not permitted in INR8010 if INR4010 has been previously completed.

Drawing upon frameworks from the discipline of International Relations, the course provides information about, and analysis of, contemporary issues, international relationships and foreign policy formulation. The evolution of the Australia experience and Australians' evolving perceptions, roles, values, and impacts on, primarily, the framing and formation of foreign policy, will be examined.

IPP7005 WALKING THE WALK: APPLYING TERTIARY SKILLS (CISER - NONA)

Semester 1 (EXT)Toowoomba
Semester 2 (EXT)Toowoomba

Units 1 (General Education Programmes n) Band 7

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 unpacked within a distinctly First Nations context and worldview. The language skills, thinking skills and writing skills are provided in a broad context to best enable students to continue in the career of their choice. This course celebrates the knowledge that students bring with them and aims to demystify the structures and conventions applied within the western academy.

IPP7006 ACADEMIC CONVENTIONS AND INDIGENOUS RESEARCH METHODOLOGIES (CISER - NONA)

Semester 1 (EXT)Toowoomba
Semester 2 (EXT)Toowoomba

Units 1 (General Education Programmes n) Band 7

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

IPP7007 EXPLORING THE WAY - YOUR UNISQ JOURNEY (CISER - NONA)

Semester 1 (EXT)Toowoomba
Semester 2 (EXT)Toowoomba

Units 1 (General Education Programmes n) Band 7

The course is designed to help students transition into a university environment by guiding them to explore and embrace their role as students. This course allows students to explore their new environment and future career requirements within an enabling framework. Central to this course is the practical aspects of being a successful student at university. At times students are required to understand university policies, procedures and curriculum design as well as how to access study support. This course will enable and facilitate this understanding and allow students to start their undergraduate study fully informed and empowered within their educational journey.

ITD1100 ITD GUIDELINES AND PRACTICES (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Teacher Education: Secondary) Band 1

This course provides guidelines and practices which incorporate the concepts of risk management; machine licensing, the physical layout of a classroom, signage, barriers, test and tag, maintenance scheduling and safe storage of materials. The course will outline the processes to be followed within a school environment to keep all parties safe both physically and legally. Pre-service teachers will be shown how to access relevant documentation and hierarchies of control including documenting and communicating WH&S issues. Pre-service teachers are required to attend a school based workshop one morning or afternoon a week (whichever suits the school) during this semester.

ITD1210 MATERIAL TECHNOLOGIES 1 (WOOD AND PLASTIC) (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Teacher Education: Secondary) Band 1
Co-requisite: EDU1100

This course takes pre-service teachers on a similar design journey that their students will be required to take in ITD. The course will provide pre-service teachers with the knowledge of how to find relevant policies and procedures specific to the machines and materials to be used. The focus for this course will be on developing capacity to engage with a range of materials and provide pre-service teachers with problem solving skills that enables them to continually improve in their use of machinery in a safe manner. Pre-service teachers will be required to attend a school based workshop one morning or afternoon a week (whichever suits the school) during this semester.

ITD2220 MATERIAL TECHNOLOGIES 2 (METALS) (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Teacher Education: Secondary) Band 1
Co-requisite: EDS2401

This course takes pre-service teachers on a similar design journey that their students will be required to take in ITD. The course will provide pre-service teachers with the knowledge of how to find relevant policies and procedures specific to the machines and materials to be used. The focus for this course will be on developing capacity to engage with a range of materials and provide pre-service teachers with problem solving skills that enables them to continually improve in their use of machinery in a safe manner. Pre-service teachers will be required to attend a school based workshop one morning or afternoon a week (whichever suits the school) during this semester.

ITD3110 EMERGING TECHNOLOGIES (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Teacher Education: Secondary) Band 1

This course provides opportunities for pre-service teachers to develop the ability to utilise CAD software to create digital models which can be uploaded to prototyping and modelling equipment commonly used in schools such as 3D printers, laser cutters and other CAM technologies. Some coding and robotics are included in this area, as well as a requisite knowledge of electronics components and circuitry which underpins the understanding of modern technology. The course will also focus on the basic maintenance requirements of commonly used equipment such as 3D printers and laser cutters.

ITD3120 DESIGN AND VISUAL COMMUNICATION (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Teacher Education: Secondary) Band 1

This course provides opportunities for pre-service teachers to use the double diamond design method endorsed by the QCAA to showcase their knowledge and skills in a real life context. This course is an independent project where students are able to identify a design opportunity for real life problems and generate a graphical solution. Pre-service teachers will create a Design folio as part of their assessment that can be used as a resource when teaching in secondary schools.

JRN1010 ANALYSING NEWS AND MEDIA (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld
Units 1 (Journalism) Band 1B

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

JRN1020 THE JOURNALIST'S TOOLKIT (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (Journalism) Band 1B

In this course, you will start learning the skills required for working in the news media and other relevant communications industries. You will examine the purpose and principles underpinning professional journalistic practice, learn to identify newsworthy information, and develop knowledge on how to achieve accuracy, fairness and balance within the constraints imposed regularly on journalists. You will be introduced to news values, journalistic research, interviewing, and other elements that make up news stories such as the creation of effective story angles, appropriate handling of attribution and quotations, and properly structuring complete news stories.

JRN1030 REPORTING THE NEWS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Journalism) Band 1B
Pre-requisite or Co-requisite: JRN1000 or JRN1020

This course teaches you to find, report and write news stories for key reporting rounds including hard and soft news. It builds on the news judgment and writing skills learned in JRN1020. The emphasis is on learning by doing, and you will gain considerable practice in interviewing, reporting and developing audio/visual techniques, underpinned by theoretical knowledge. This course requires you to develop your professional practice to include self-management of deadlines and proficiency in interpersonal communication. You will be required to undertake professional-standard telephone conversations and conduct in-person journalistic interviews in this course.

JRN2009 FEATURE WRITING (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Journalism) Band 1B
Pre-requisite: JRN1030

This course will concentrate on the preparation of larger journalistic packages, namely for news publications and magazines. Students will research and write different kinds of features; learn and apply advanced interviewing, research and writing techniques; and develop skills in packaging their content for appropriate publication platforms.

JRN2100 DIGITAL STORYTELLING IN JOURNALISM (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba
Units 1 (Journalism) Band 1B
Pre-requisite: JRN1030

Through an overview of the evolution of digital storytelling in journalism, analysis of best practice examples, and creation of digital content, you will develop the skills necessary to produce different types of digital storytelling, and the ability to decide on which types of digital journalism to deploy in different situations. Students will learn how to use the following elements in a journalistic setting: text (headlines, sub-heads, pull quotes), images (photojournalism and infographics), video (graphics, animation, vlogging), audio (podcasting and audio embeds), data (data journalism, audience research), user-generated content (citizen journalism, audience collaboration), and social media (embeds, using social media as publishing platforms).

JRN2200 NEWS DESIGN AND ANALYTICS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Journalism) Band 1B
Pre-requisite: JRN2100 Enrolment is not permitted in JRN2200 if JRN2001 has been previously completed

In this course, you will use analytics to understand and drive audience engagement, and measure the performance of the newsroom's output. You will also advance your journalism production skills to impact engagement through news design and communication choices, and manage the professional issues that arise in the process of making news design decisions.

JRN3100 MEDIA LAW AND ETHICS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Journalism) Band 1B
Enrolment is not permitted in JRN3100 if JRN2006 has been previously completed

Journalists are often required to use fast-paced decision-making, much of which has legal or ethical ramifications. As a journalist you will need a working knowledge of the law and the relevant codes that provide guidelines for professional practice. In this course students will examine the Australian legal system from a journalist's perspective, including defamation law, 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 case studies, with particular reference to the Media, Entertainment & Arts Alliance (MEA) (Journalists) Code of Ethics.

JRN3200 INVESTIGATIVE JOURNALISM (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Journalism) Band 1B
Pre-requisite: JRN2003 or JRN3003 or JRN2009

You will focus on producing advanced journalistic work in this course. You will learn how to plan and produce a news investigation using problem-based approaches that distinguish investigative stories from regular news reports. You will conduct intensive background work, develop skills in data-driven reporting and using public records, and ethically evaluate a wide range of sources. You will also have the opportunity to learn advanced skills in deep research and in-depth investigation.

LAW1111 AUSTRALIAN LEGAL SYSTEM (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Students must be enrolled in: LLBP or BCLW or BALW or BART or BEDU or BSED Pre-req/Co-req (BART only): CMS1000 or HAC1000 Enrolment is not permitted in LAW1111 if LAW1201 or LAW1101 or LAW1500 has been previously completed

This course is the foundation course for the Bachelor of Laws programs. It provides students with the introductory skills necessary to then complete remaining law courses. This is a core course in the Bachelor of Laws programs and is approved by the Legal Practitioners' Admission Board. This course provides students with an introduction to the key skills necessary to undertake their substantive law courses, including knowledge of Australian legal institutions; sources of law (judge made law and statute law); professional identity and the importance of legal ethics; how to interpret the law (both case law and statute law) and how to conduct legal research. This course also includes the development of skills relating to problem solving within the context of statutory interpretation. These skills are explicitly taught and assessed throughout the course. Students will continue to build and develop these skills as they progress through other core courses in the Law program.

LAW1115 LEGAL HISTORY (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Enrolment is not permitted in LAW1115 if LAW1114 or LAW1202 or HIS1115 has been previously completed

Law is shaped by its surrounding society. The study of history requires an appreciation of the effect changing social habits and attitudes have on law, and the study of law requires an understanding of social and historical setting in which political institutions and law developed. Students will address concepts that have affected the development of Australian institutions and law, and the historical circumstances that gave rise to constitutional principles such as the rule of law, sovereignty, the role of Parliament, the electoral franchise and the separation of powers. The impact of law on Indigenous Australians will also be included.

LAW1116 CONTRACT (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite or Co-requisite: LAW1111 Enrolment is not permitted in LAW1116 if LAW1113 and LAW1123 have been previously completed

This course concerns the law of contract which is the basis of all commercial transactions and essential for all facets of professional endeavour. Students will gain a broad theoretical understanding of the basis of the law of contract. Specifically, the aim of this course is to equip students with knowledge of the legal requirements for contract formation; the capacity of parties to enter into contracts; the required content of a legally enforceable contract; the manner in which contracts are interpreted; vitiating factors; the manner in which contracts may be performed or discharged, and the legal remedies available in the event of a breach or non-performance of a contract.

LAW1121 CRIMINAL LAW AND PROCEDURE (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite or Co-requisite: LAW1111

This is a core course in the Bachelor of Laws program. It is approved by the Legal Practitioners Admissions Board (Qld) and the Chief Justice of Queensland as meeting the criminal law and procedure area of knowledge under the Supreme Court (Admission) Rules 2004 (Qld) and therefore deals with elements of Criminal Law and Procedure, specifically: the definition of crime; elements of crime; aims of the criminal law; homicide and defences; non-fatal offences against the person and defences; offences against property; general defences; attempts, participation in crime, drunkenness, mistake and strict responsibility; and elements of criminal procedure including classification of offences, process to compel appearance, bail, preliminary examination and trial of indictable offences.

LAW1122 DISPUTE MANAGEMENT (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite or Co-requisite: LAW1111

A fundamental skill of a lawyer is the ability to successfully manage disputes in their professional arena. The course will introduce students to analysis of disputes based on theory and approaches to communication when dealing with disputes. Students will explore important skills in communication such as listening, interviewing and negotiating. Students will be introduced to the array of possible, processes for managing disputes, including litigation. The processes will be considered in depth on a weekly basis. The course gives students grounding in the fundamentals of dispute management in the Australian legal system.

LAW1126 TORTS (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite or Co-requisite: LAW1111 Enrolment is not permitted in LAW1126 if LAW1113 and LAW1124 have been previously completed

This course concerns the law of torts which sets the standards of behaviour between members of society. Students will study negligence and a representative range of torts, with consideration of defences and damages, and of alternative methods of providing compensation for accidental injury. Examples include: concurrent liability, trespass, defamation, nuisance, and compensation schemes.

LAW1127 EQUITY AND TRUSTS (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite: LAW1111 and (LAW1116 or (LAW1113 and LAW1123))
Co-requisite: LAW1126 Enrolment is not permitted in LAW1127 if LAW2212 and LAW2223 has been previously completed

No study of law is complete without an understanding of the area of law which lessens and ameliorates the harsh impacts of common law rules. First, 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 the common law and an analysis of its current applications. Students will have an appreciation for its special characteristics and the operation of guided discretion. The course will examine the practical application of equitable actions and remedies. In particular, a focus will be the manner in which equity may intervene in the application of more strict common law rights. The focus of the course then turns to trusts, with particular reference to the various kinds of trusts and the manner and form of their creation and variation: the duties, rights, and powers of trustees; the consequences of breach of trust; the statutory and equitable remedies available to beneficiaries; and the respective rights of beneficiaries. Finally, students may be expected to be able to critique recent developments and comment on the direction of equitable principles to deal with new circumstances. The course also provides students with opportunities to learn the importance of equitable principles and remedies in supplementing the common law and introduces students to skills required in drafting a legal memorandum of advice.

LAW1501 BUSINESS LAW AND ETHICS (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba (ONL)Toowoomba (ONC)Springfld
Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONL)Toowoomba
Units 1 (Business and Commercial Law) Band 7
Enrolment is not permitted in LAW1501 if LAW1500 has been previously completed.

You are introduced to the relationship between the law and ethics and the legal environment for business decision making. This introduces the sources of law, court hierarchies and the role of precedent, and the conduct of civil and criminal actions. It examines important ethics categories (consequentialism and normative) and their impact on behaviour within a global business context. Key areas of law covered include the formation and interpretation of a contract, enforcement of contracts, with agency included with the contract since it essentially is a contractually based relationship which emphasizes the importance of an agent meeting ethical standards that inform and help to meet their fiduciary obligation under the law; key areas of the tort of negligence and the link to ethical decision making with particular emphasis on the duty of care and when this is breached and also looking at causation which examines the link between an act which can give rise to legal liability; key principles of company law relevant to professional environments such as for accountants, including the concept of the company as a separate legal entity, corporate contracting, directors duties, members remedies and the link between these areas and ethical decision making in a global business context. The course also looks at data protection and privacy regulation and storing and using data in a global business context, and the ethical issues arising from data storage and use. You will address legal and ethical dilemmas and problem-based questions to encourage independent thinking bringing all of these areas of the law into a practical context.

LAW2107 ENVIRONMENTAL LAW (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite: LAW1501 or LAW1101 or LAW1500 or ENG2002 or REN1201 or (Students enrolled in BEDU (Legal Studies) or BLAW or LLBP or BALW or BCLW or BZLW - Pre-requisite: LAW1111)

This course is designed to acquaint students with the legal issues involved in the protection of the environment. This is to be achieved through exposure to the sources of Australian environmental regulation: international, national and state. While there is no set prerequisite legal study required, it is recommended that students have completed LAW1101 Introduction to Law, LAW1201 Legal Institutions and Process, LAW5501 Advanced Legal Institutions and Process, or ENG2002 Technology, Sustainability and Society. The course examines the various sources of environmental law demonstrating how international initiatives are translated into domestic regulation. Through this mechanism students are exposed to some of the difficulties in this area of the law such as definitional difficulties as well as the incorporation of concepts such as ecologically sustainable development, intergenerational equity and the precautionary principle into regulation. This is achieved by an examination of the Australian and Queensland environmental regulatory framework. Such practical issues as increasing Commonwealth involvement in environmental matters, the regulation of environmentally relevant activities and land use planning, are dealt with.

LAW2211 CONSTITUTIONAL LAW (FBELA - UGRD)

Units 1 (Constitutional Law) Band 7

Pre-requisite: LAW1111 and LAW1121 Pre-requisite or Co-requisite: LAW1115 or HIS1115

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

LAW2214 PROPERTY (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW2212 or LAW1127 Enrolment is not permitted in LAW2214 if LAW2213 and LAW2223 has been previously completed

The course concerns the elements of property, specifically: meaning and purposes of the concept of property; possession, seisin and title; nature and type (i.e. fragmentation) of proprietary interests; creation and enforceability of proprietary interests; legal and equitable remedies; statutory schemes of registration; acquisition and disposal of proprietary interests; concurrent ownership; proprietary interests in land owned by another; and mortgages.

LAW2221 ADMINISTRATIVE LAW (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW2211

Government agencies and officials constantly make decisions that affect us. Administrative law is the body of law that defines the responsibilities of these decision-makers (ensuring amongst other things that powers are not exceeded and correct processes are followed). It also provides avenues of challenge for aggrieved persons and bodies. Administrative law is the second major component of domestic public law (the law governing the exercise of public power). Prior study in constitutional law focused principally on the validity of legislation. Administrative law generally assumes legislative validity and focuses on the validity and appropriateness of executive action taken under legislation (or under other powers) - especially insofar as that action affects the rights and interests of individuals. The course first focuses on the principles and processes of 'judicial review' including the 'grounds' upon which such proceedings may be brought (and relevant questions of statutory interpretation), who may bring them, and what remedies may be obtained. The course then turns to the core non-judicial components of contemporary administrative law: 'merits review', ombudsman investigation and freedom of information.

LAW2222 PUBLIC INTERNATIONAL LAW (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW1111 and LAW1121

Public International Law develops an understanding of the sources, principles and institutions of international law, with specific applications of international human rights law. The course explores fundamental concepts such as the nature and sources of international law and the international legal system, the relationship between international and domestic law, criteria for statehood, state personality, jurisdiction and responsibility, and the use of force. It provides a broad introduction to international human rights law, the law of the sea and international environmental law.

LAW2223 PROPERTY AND TRUSTS B (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW2212 and LAW2213

LAW2223 Property and Trusts B continues the study of property and trusts law commenced in Property and Trusts A and builds upon the study of equitable principles begun in Equity. The course examines important elements of Queensland legislation, and the Australian general law including equitable principles, as relevant to property law and trusts law in Queensland. The early focus of the course is on statutory schemes of registration for Torrens land, including detailed treatment of sale of land, leases, mortgages, easements and restrictive covenants, and related topics of fixtures and concurrent interests. The focus of the course then turns to trusts, with particular reference to the various kinds of trusts and the manner and form of their creation and variation: the duties, rights, duties and powers of trustees, the consequences of breach of trust, the statutory and equitable remedies available to beneficiaries and the respective rights of beneficiaries. Students learn to apply the relevant legal (statutory and common law) and equitable principles in real and practical circumstances where interests are commonly in dispute.

LAW2224 THEORIES OF LAW (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW1111 and (LAW1114 or LAW1115 or HIS1115)

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

LAW2500 COMMERCIAL PROPERTY LAW (FBELA - UGRD)

Semester 1 (ONL) Toowoomba

Units 1 (Business and Commercial Law) Band 7

Pre-requisite: LAW1500. Students enrolled in one of the following Programs: BLAW or BABL or BALW or BBBL or BBLA or BCLW or BCLA or BCBL or LLBP or DJUR are not eligible for enrolment.

The material covered in this course builds on foundations established in LAW1500 Introduction to Business and Company Law. The course provides an introduction to the law of commercial property, including real and personal property law; intellectual property; securitisation of property interests; trusts and how they hold property including superannuation structures, and insurance law. This includes material on the Torrens System of land title; mortgages and priorities between different lenders; strata and community title and leases. Intellectual property covers copyright; patents and industrial design, trademarks and passing off.

LAW3110 INSOLVENCY AND RESTRUCTURING LAW (FBELA - UGRD)

Units 1 (Business and Commercial Law) Band 7

Pre-requisite: For students enrolled in one of the following Programs: LLBP or BLAW: LAW1111 Pre-requisite or Co-requisite: For students enrolled in one of the following Programs: BBCM or BCOM or BBUS: LAW2106 or LAW1500 or LAW1501

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

LAW3311 COMPANY LAW (FBELA - UGRD)

Units 1 (Business and Commercial Law) Band 7

Pre-requisite: LAW2212 or LAW1127

Companies are the business form of choice which dominate the commercial landscape. The variety, size and structure of companies varies greatly. The object of this course is to provide students with an overview of the major principles and mechanisms of company law. On completion of this course, students will have sufficient legal information concerning the corporate business form, including formation and characteristics of a company; the corporate constitution; corporate finance, share structure and membership; constitution and powers of corporate organs (board and general meeting); corporate authority; corporate governance including directors' duties; shareholders' remedies; and administration and winding up of the company. The course also provides students with opportunities to develop their skills in problem solving and statutory interpretation.

LAW3312 LAWYERS' ETHICS (FBELA - UGRD)

Units 1 (Legal Practice) Band 7

Pre-requisite: LAW2224 and (LAW1127 or LAW2212)

The course deals with the various pertinent rules concerning a practitioner's duty to the law, the Courts, clients and fellow practitioners, and a basic knowledge of the principles relating to the holding of money on trust. It looks at the nature of legal practice, and involves further study of philosophies of applied ethics in legal practice. It includes skills exercises in letter drafting, and accounting for client money. Topics studied include the regulation of the legal profession; admission and discipline; engagement; billing; and responsibilities in relation to client money; the conduct of litigation and advocacy; competence and careful practice; confidences; and loyalty to clients. It also deals with civility and courtesy in dealings with clients and other lawyers.

LAW3321 EVIDENCE (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW1121 and LAW2214 Pre-requisite or Co-requisite: LAW2223

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

LAW3322 CIVIL PROCEDURE (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: (LAW1123 or LAW1116) and (LAW1124 or LAW1126) and LAW1111

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

LAW3405 HUMAN RIGHTS AND ANTI-DISCRIMINATION LAW (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW1111 and LAW1121 and (LAW1115 or HIS1115 or LAW1114)

This is a course on international human rights law and Australian human rights and anti-discrimination law. Students will examine international human rights treaties, institutions and procedures and the incorporation of Australia's human rights obligations into domestic law, before turning to Commonwealth and Queensland human rights and anti-discrimination legislation. Students will review the human rights protected under the Human Rights Act 2019 (Qld) and procedures to protect those rights, including public entity obligations. The course will cover grounds and procedures for lodging complaints about a human rights breach or unlawful discrimination, noting the functions of the Australian Human Rights Commission, Federal Courts, the Queensland Human Rights Commission and the Queensland Civil and Administrative Tribunal. This course is designed to equip students with the necessary skills and knowledge to recognise when a human rights breach or unlawful discrimination has occurred, understand the relevant laws and procedures and identify appropriate remedies.

LAW3421 FAMILY LAW (FBELA - UGRD)

Units 1 (Family Law) Band 7

Pre-requisite: LAW1111

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

LAW3422 SUCCESSION LAW (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite: (LAW2213 and LAW2223) or LAW2214

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

LAW3424 PROPERTY CONVEYANCING (FBELA - UGRD)

Units 1 (Business and Commercial Law) Band 7
Pre-requisite: LAW2213 or LAW2214

This course enables you to apply the legal principles from your earlier years of the LLB to an examination of a standard land sale contract, and develops your skills of problem solving, legal analysis and written communication in the context of the legal principles and practice of conveyancing in Queensland. The course will examine the major elements in a land contract from pre-contract negotiations to post transfer rights and obligations. Students will be expected to use precedent documents and draft various clauses applicable to the standard land contract to overcome various problematic situations and know the standard land contract conditions in detail. Whilst some emphasis is placed on a residential conveyance, the peculiarities of commercial and community title land contracts are also considered.

LAW3442 EMPLOYMENT LAW (FBELA - UGRD)

Units 1 (Legal Practice) Band 7
Pre-requisite: LAW1101 or LAW1500 or LAW1501 or ((LAW1111 and (LAW1123 or LAW1116) and (LAW1124 or LAW1126))

The course provides a general introduction to many aspects of workplace law. Students will broadly examine the law relating to the employer/employee relationship, including: (i) the purposes of regulation of employment and industrial relations; (ii) statutory regulation of the employment relationship and the bodies which regulate employment in Australia; (iii) categorising work relationships and recognising differences between an employment relationship and other types of work arrangements; (iv) basic employee entitlements and terms and conditions of employment; (v) sources of employment obligations - contracts, workplace agreements, statute and awards; (vi) collective bargaining and industrial action; (vii) enforcement of employment obligations; (viii) management of the employment relationship including performance management, disciplinary process, and controls on employment; (ix) workplace health and safety; (x) termination of employment, risks and remedies for termination; and (xi) workplace rights (including general protections). In addition to content, the course is designed to provide students with a practical, hands-on approach to various issues arising out of the employment relationship through a range of problem-solving exercises.

LAW3444 COMPETITION AND CONSUMER LAW (FBELA - UGRD)

Units 1 (Business and Commercial Law) Band 7
Pre-requisite: LAW1123 or LAW5123 or LAW1101 or LAW1500 or LAW1116

This unit examines the nature and operation of Australian competition and consumer protection law, primarily under the Competition and Consumer Act 2010 (Cth). There are two broad areas: 1. Competition Law, focusing on areas including market definition, competition, market power, cartels, anti-competitive agreements, exclusive dealing, resale price maintenance, anti-competitive mergers and acquisitions, authorisation and notifications and remedies and enforcement; and 2. Consumer Law, focusing on areas including misleading or deceptive conduct, unconscionable conduct, unfair contracts regime, false or misleading representations, other unfair practices, consumer guarantees, product safety standards, remedies and enforcement.

LAW3465 COMPARATIVE LAW (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite: HIS1115 or LAW1114

Students who usefully complete the course will have a distinctive advantage in the global market of legal practitioners. Comparative law increases the knowledge, in theory and in practice, of a spectrum of legal systems such as US common law and the south Asian legal traditions. As such, the emphasis of the course is on understanding 'why and how' different legal traditions execute the same basic functions required from a legal system such as regulating a market economy, solving international disputes, and protecting rights. In addition, comparative law broadens students understanding the choices made in their own legal system.

LAW3466 ADVOCACY (FBELA - UGRD)

Units 1 (Legal Practice) Band 7
Pre-requisite: LAW1111 and (LAW1123 or LAW1116)

Students will study, practise and be assessed in the various skills involved in advocacy and mooting. They will receive instructions from simulated clients as instructing solicitors. They will prepare written briefs for counsel. They will prepare written and oral submissions alone and in teams. They will appear in moots as barristers, instructing solicitors, judges and judges' associates. They will receive written and verbal feedback from the instructor and also from other students and team members. They will visit local courts and observe professional advocates in action.

LAW3467 HEALTH LAW (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite: LAW1111 and (LAW1124 or LAW1126)

Contemporary developments in health knowledge and care have captured the attention and imagination of most Australians. More headlines appear to be devoted to health in the popular media than any other single area. Increased public awareness has also occurred in terms of the legal rights of those who access the health care system and the responsibility of health professions. Health law has become a distinct and important area of legal practice both internationally and locally. It is a dynamic, interdisciplinary expanding field recognised by universities as a distinct area of study and research. The study of health law requires an open mindedness and professional attitude because of the sometimes deeply controversial and emotional nature of the topics covered. Everyone has views about the role of the law in terms of regulating health care because we are all the potentially affected. As such, this course encourages students to research, critically analyse and appreciate the often contradictory perspectives that emerge from the topics. Students will learn how to problem solve in an area that is vulnerable to sometimes unsatisfactory resolutions.

LAW3469 AUSTRALIAN CRIMINAL CODES (FBELA - UGRD)

Units 1 (Criminal Law) Band 7
Pre-requisite: LAW1111 and LAW1121

The focus is on Australian jurisdictions that have Criminal Codes: Commonwealth, Qld, WA, Tas, ACT and NT. The elective provides the opportunity to compare and contrast the Codes, particularly the Cth Code with the Griffith Codes, and drill down into criminal law issues in far greater detail than in the core course.

LAW3472 LOCAL GOVERNMENT LAW (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite: LAW1111

In this course, students will examine and understand the structure, function and powers of local government within Queensland through examination of the Local Government Act 2009 (Qld) and related legislation and case law. Students will also undertake an analysis of the legal challenges facing local government.

LAW3473 CONSTRUCTION LAW (FBELA - UGRD)

Units 1 (Business and Commercial Law) Band 7
Pre-requisite: LAW1101 or LAW1500 or LAW1501 or ((LAW1111 and (LAW1123 or LAW1116))

This unit will allow students to acquire to an intermediate standard analytical and problem-solving skills needed to be able to identify and respond to legal issues they are likely to encounter as industry professionals engaged in building, engineering and infrastructure projects. It will examine the law which forms a core part of construction projects, enabling students to recognise when legal issues are likely to arise and to respond in a timely and effective manner. Problem-based learning, an intentional, inquiry-based teaching approach, will teach both declarative knowledge and functioning skills, with the latter including communication and collaboration skills.

LAW3476 PRIVACY AND DATA PROTECTION LAW (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite: (Students enrolled in: BEDU (Legal Studies) or BLAW or LLBP or BALW or BCLW or BZLW: LAW1111) or Alternatively, students may be enrolled in MCYS

This course introduces students to the law as it relates to privacy and data protection law. It examines key legal areas that are relevant to information privacy. The areas covered have a statutory focus and includes an overview of the philosophy of privacy and the common law right to privacy, data protection and breaches, hacking and issues of cyber security and the General Data Protection Regulation. In each area the application of existing legal principles to privacy as well as regulation will be examined. This course is particularly useful to students who are involved in data collection either from a legal, marketing, or information technology point of view.

LAW3478 LAW CLINIC (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite: Students must be enrolled in one of the following Programs: LLBP or BALW or BCLW or BZLW and must have successfully completed a minimum of 8 law units in their program of study prior to submitting the Law Clinic Placement application

This course is designed to build the foundation for practical decision-making that combines an understanding of the law and its application to client problems, with current societal needs through working within a Community Legal Centre (CLC). Working in a CLC, students will assist the most disadvantaged clients in the community. They will be challenged with addressing a range of legal issues and may often be the last legal option for clients where other avenues for assistance have been exhausted. Students will be rostered in the Law Clinic at the appointed clinic times and deal directly with the clients under the supervision of the CLC supervising lawyer and the Law Clinic Director. Students will conduct client interviews, identify facts, legal issues, legal options, and prepare legal advice, legal letters and legal documentation as required and under supervision. The course contributes to student employability by providing practical legal experience and identifies UniSQ students as valuable assets to future employers.

LAW3479 FAMILY VIOLENCE AND CHILD PROTECTION LAW (FBELA - UGRD)

Units 1 (Business and Commercial Law) Band 7
Pre-requisite: LAW1111 or CMS1000 or HAC1000

This course will provide students with an understanding of domestic violence and child protection issues, and of legal developments dealing with them. Evidentiary research, along with theoretical and practical analysis, will address developments in both legislative and preventative measures relating to these issues. This course is designed to provide students with the requisite skills and knowledge for working within the legal, policy and social contexts that address family violence and child protection. Students, by way of course assessments, will demonstrate their skills and knowledge through application of legal processes and procedures, designed specifically to provide a theoretical, yet practical basis for both areas of law.

LAW3481 LAW, TECHNOLOGY AND YOUR FUTURE (FBELA - UGRD)

Units 1 (Legal Practice) Band 7
Pre-requisite: LAW1111

The course introduces students to new ways of thinking about the access to, and the delivery and practice of law. The course encourages students to think creatively about utilising technology and to identify potential gaps in the legal sector in terms of access and delivery of legal services. The course prepares students to embrace disruptive thinking around the use of technology in the legal sector and to give them access to hands-on experience with some of the emerging technologies. Students will be prepared and encouraged to challenge existing frameworks and technologies and to harness creativity so that they can adapt and respond to a constantly changing legal environment. The course contributes to student employability and identifies UniSQ students as valuable assets to employers.

LAW3482 LAW AND RELIGION (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite or Co-requisite: LAW2211

The primary aim of this course is to familiarise students with the twin liberal democratic norms of freedom of religion and separation of church and state. This will be accomplished through an exploration of concepts like toleration, pluralism, accommodation, and secularism. Australian constitutional and statutory law will be examined to prepare students for issues they may encounter in legal practice. In addition, students will be exposed to current and pressing issues in the field of law and religion, such as the ethical responsibilities of religious lawyers, the human rights protections afforded religious minorities, and the complexities of private systems of religious law. Course material will be delivered through extensive readings, guest speakers, and classroom discussion. Assessment will be through reflective responses on key course themes.

LAW3484 MEDIA LAW (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite: LAW1111 and (LAW1124 or LAW1126)

This course will examine the legal issues applicable to both the print and digital media in Australia. A key component of the course is an understanding of the law of defamation: what is defamation; who can be defamed; defamation and social media and truth and other defences available. This course will also examine whether there is a right to freedom of speech and the legal and ethical issues surrounding censorship and restrictions imposed on publications and 'hate speech'. Consideration will be given to the right to privacy and restrictions on reporting court proceedings and other suppression orders that might be issued, such as those based on national security laws. Intellectual property issues, such as the law of copyright will be addressed. A comparative analysis with current and developing media law issues in other jurisdictions will identify trends and law reform areas that might impact on the regulation of the Australian media.

LAW3490 PHILIP C JESSUP INTERNATIONAL LAW MOOT COMPETITION (FBELA - UGRD)

Semester 3 (ONC)Ipswich (ONC)Ipswich
Units 2 (Law not elsewhere classified) Band 7

Pre-requisite: LAW2222 or LAW5222 (or equivalent) and Students must be enrolled in one of the following Law Programs: LLBP or LLBH or DJUR or BALW or BCLW. Enrolment is not permitted in LAW3490 if LAW3480 has been previously completed.

This course enables students to gain significant experience in international law and advocacy by participating in the Phillip C Jessup International Law Moot Court Competition. Students work as a team to represent fictitious States in a dispute before the International Court of Justice. The team comprises 5 students. Selection is competitive and involves consideration of a student's completed application form, academic record, willingness to commit to the competition from November to February, prior mooted or debating experience and an interview. The competition problem (the compromise) is released in September, after which the team will research together areas of public international law relevant to the compromise and prepare submissions (called memorials) for both States in the hypothetical dispute. The memorials are submitted in January. The team then prepares and refines oral pleadings, before competing against other Australian university teams in Canberra in February. Two Australian finalist teams then compete in the international finals in Washington DC. Team registration, travel and accommodation expenses are paid by the University. This course involves intensive work from November to February, and may involve additional work outside that period. A full-time commitment is required in this period, and only minimal part-time employment is permissible.

LAW3491 LAW AND JUSTICE PLACEMENT (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: Students must be enrolled in one of the following: LLBP or BALW or BCLW or BZLW or ADCJ or BART. Students must have successfully completed a minimum of 8 Law units in their program of study prior to submitting the Placement Proposal.

The purpose of this course is to give students the opportunity to experience the applied aspects of working in the area of their degree. This course aims to provide the student with experience in applying discipline knowledge and skills in the context of professional practice in order to strengthen discipline-specific learning and specialisation. The course allows students to gain a critical understanding of the role of reflection on learning and self-evaluation in professional environments.

LAW3500 TAXATION LAW A (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Taxation Law) Band 7

Pre-requisite: ACC1202 and LAW1501 Enrolment is not permitted in LAW3500 if LAW3130 and LAW3131 have been previously completed.

To participate in planning 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. Therefore, this course primarily introduces you to the Income Tax Assessment Acts (ITAA36 and ITAA97) and the Goods and Services Tax Act 1999 (GSTA). Topics covered include assessable income, residency, capital gains tax, allowable deductions, taxpayers' classes, tax payable and off sets/rebates of tax, tax administration provisions, the taxation of business entities, and goods and services tax. This course uses real-world case studies to solve taxation problems.

LAW3501 TAXATION LAW B (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Business and Commercial Law) Band 7

Pre-requisite: LAW3500 Enrolment is not permitted in LAW3501 if LAW3131 has been previously completed

The material covered in the course will build upon the concepts covered in LAW3500 Taxation Law A and students will be expected to have retained a working knowledge of material covered in that course. This course primarily deals with concepts not covered in LAW3500 in order to provide students with a greater understanding and knowledge of the Australian taxation system. Specifically it covers more advanced topics relating to the taxation of various business organisations (partnerships, trusts, companies); the taxation of superannuation funds; more specific Fringe Benefits Tax topics; General and Specific Tax Avoidance rules; the ethical and professional responsibilities of tax agents; and some specialist tax topics including: the taxation of primary producers; advanced CGT issues; advanced GST issues; stamp duty; and payroll tax. This course uses real world case studies to solve taxation problems.

LAW3719 MEDIATION PROCESSES AND SKILLS (FBELA - UGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite: LAW1111 and LAW1122

Mediation Processes and Skills examines the steps of mediation, different models of mediation, the role of the mediator, ethics and values in mediation, and communication skills and techniques required for the conduct of mediations. Students will develop advanced knowledge of mediation processes and the role of mediators, and the communication skills and capabilities needed to undertake mediations. It is delivered through three intensives that can occur online or via face-to-face classes that involve role-plays and potentially mediator assessment before a panel of assessors. This course offers two streams. Stream A is for elective coursework in which students will gain knowledge concerning mediation processes and do research on related topics. Stream A will only need to attend Intensive A. Stream B is optional for students to select at the commencement of the course (via the StudyDesk). Stream B provides students with the necessary training to become a Nationally Accredited Mediator under the National Mediator Accreditation Standards (NMAS). Students selecting Stream B will need to attend all three intensives.

LAW5111 ADVANCED AUSTRALIAN LEGAL SYSTEM (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: Students must be enrolled in the following Program: DJUR Enrolment is not permitted in LAW5111 if LAW5201 or LAW5501 or LAW1500 has been previously completed.

This course is the foundation course for the Juris Doctor program. It provides students with the introductory skills necessary to then complete remaining law courses. This is a core course in the Juris Doctor program and is approved by the Legal Practitioners' Admission Board. This course provides students with an introduction to the key skills necessary to undertake their substantive law courses, including knowledge of Australian legal institutions; sources of law (judge made law and statute law); professional identity and the importance of legal ethics; how to interpret the law (both case law and statute law) and how to conduct legal research. This course also includes the development of skills relating to problem solving within the context of statutory interpretation. These skills are explicitly taught and assessed throughout the course. Students will continue to build and develop these skills as they progress through other core courses in the Juris Doctor program.

LAW5115 ADVANCED LEGAL HISTORY (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite or Co-requisite: LAW5111 Enrolment is not permitted in LAW5115 if LAW5114 or LAW5502 or HIS5115 has been previously completed

Law is shaped by its surrounding society. The study of history requires an appreciation of the effect changing social habits and attitudes have on law, and the study of law requires an understanding of social and historical setting in which political institutions and law developed. Students will address concepts that have affected the development of Australian institutions and law, and the historical circumstances that gave rise to constitutional principles such as the rule of law, sovereignty, the role of Parliament, the electoral franchise and the separation of powers. The impact of law on Indigenous Australians will also be included.

LAW5116 ADVANCED CONTRACT (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite or Co-requisite: LAW5111 Enrolment is not permitted in LAW5116 if (LAW5113 and LAW5123) have been previously completed

This course concerns the law of contract which is the basis of all commercial transactions and essential for all facets of professional endeavour. Students will gain a broad theoretical understanding of the basis of the law of contract. Specifically, the aim of this course is to equip students with knowledge of the legal requirements for contract formation; the capacity of parties to enter into contracts; the required content of a legally enforceable contract; the manner in which contracts are interpreted; vitiating factors; the manner in which contracts may be performed or discharged, and the legal remedies available in the event of a breach or non-performance of a contract.

LAW5119 ADVANCED CRIMINAL PROCEDURE (FBELA - PGRD)

Units 0.25 (Law not elsewhere classified) Band 7

This course deals with Elements of Criminal Procedure, specifically the classification of offences, process to compel appearance, bail, preliminary examination and trial of indictable offences.

LAW5121 ADVANCED CRIMINAL LAW AND PROCEDURE (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite or Co-requisite: LAW5111

This is a core course in the Juris Doctor program. It is approved by the Legal Practitioners Admissions Board (QLD) and the Chief Justice of Queensland as meeting the criminal law and procedure area of knowledge under the Supreme Court (Admission) Rules 2004 (Qld) and therefore deals with elements of Criminal Law and Procedure, specifically: the definition of crime; elements of crime; aims of the criminal law; homicide and defences; non-fatal offences against the person and defences; offences against property; general doctrines; attempts, participation in crime, drunkenness, mistake and strict responsibility; and elements of criminal procedure including classification of offences, process to compel appearance, bail, preliminary examination and trial of indictable offences.

LAW5122 ADVANCED DISPUTE MANAGEMENT (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite or Co-requisite: LAW5111

A fundamental skill of a lawyer is the ability to successfully manage disputes in their professional arena. The course will introduce students to analysis of disputes based on theory and approaches to communication and the legal environment when dealing with disputes. Students will explore important skills in communication such as listening, interviewing and negotiating. Students will be introduced to the array of possible processes for managing disputes, including litigation. The processes will be considered in depth on a weekly basis. The course gives students grounding in the fundamentals of dispute management in the Australian legal system.

LAW5126 ADVANCED TORTS (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite or Co-requisite: LAW5111 Enrolment is not permitted in LAW5126 if (LAW5113 and LAW5124) have been previously completed

This course concerns the law of torts which sets the standards of behaviour between members of society. Students will study negligence and a representative range of torts, with consideration of defences and damages, and of alternative methods of providing compensation for accidental injury. Examples include: concurrent liability, trespass, defamation, nuisance, and compensation schemes.

LAW5127 ADVANCED EQUITY AND TRUSTS (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW5111 and (LAW5116 or (LAW5113 and LAW5123)) Co-requisite: LAW5126 Enrolment is not permitted in LAW5127 if (LAW5121 and LAW5122) have been previously completed

No study of law is complete without an understanding of the area of law which lessens and ameliorates the harsh impacts of common law rules. First, 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 the common law and an analysis of its current applications. Students will have an appreciation for its special characteristics and the operation of guided discretion. The course will examine the practical application of equitable actions and remedies. In particular, a focus will be the manner in which equity may intervene in the application of more strict common law rights. The focus of the course then turns to trusts, with particular reference to the various kinds of trusts and the manner and form of their creation and variation: the duties, rights, and powers of trustees; the consequences of breach of trust; the statutory and equitable remedies available to beneficiaries; and the respective rights of beneficiaries. Finally, students may be expected to be able to critique recent developments and comment on the direction of equitable principles to deal with new circumstances. The course also provides students with opportunities to learn the importance of equitable principles and remedies in supplementing the common law and introduces students to skills required in drafting a legal memorandum of advice.

LAW5211 ADVANCED CONSTITUTIONAL LAW (FBELA - PGRD)

Units 1 (Constitutional Law) Band 7

Pre-requisite: LAW5121 and LAW5111 Pre-requisite or Co-requisite: LAW5115 or HIS5115

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

LAW5214 ADVANCED PROPERTY (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW5212 or LAW5127 Enrolment is not permitted in LAW5214 if LAW5213 and LAW5223 have been previously completed

Queensland has a specialised legal system relating to Property Law which is an integral part of legal process in Queensland. As such, understanding Property Law is a crucial part of fully understanding the law generally. Students will be challenged to consider objects as more than just physical items of property, but as a reflection of a complex set of legal rights in relation to the item itself, including the position of owners and any third party which might have an interest in the item or any person to whom it might be transferred. The distinction between legal and equitable interests in considering the legal effect of that 'bundle of rights' will be carefully and practically considered as those different rights have historical significance that retains practical importance to this day. 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 concepts of real and personal property and principles governing the possession, creation and transfer of interests in property, tenures and estates in co-ownership. The recognition of native title and subsequent case law and legislation will be examined, as will concepts of Crown land.

LAW5221 ADVANCED ADMINISTRATIVE LAW (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW5211

Government agencies and officials constantly make decisions that affect us. Administrative law is the body of law that defines the responsibilities of these decision-makers (ensuring amongst other things that powers are not exceeded and correct processes are followed). It also provides avenues of challenge for aggrieved persons and bodies. Administrative law is the second major component of domestic 'public law' (the law governing the exercise of public power). Prior study in constitutional law focused principally on the validity of legislation. Administrative law generally assumes legislative validity and focuses on the validity and appropriateness of executive action taken under legislation (or under other powers) - especially insofar as that action affects the rights and interests of individuals. The course first focuses on the principles and processes of 'judicial review' including the 'grounds' upon which such proceedings may be brought (and relevant questions of statutory interpretation), who may bring them, and what remedies may be obtained. The course then turns to the core non-judicial components of contemporary administrative law: 'merits review', ombudsman investigation and freedom of information.

LAW5222 ADVANCED PUBLIC INTERNATIONAL LAW (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW5111 and LAW5121

Advanced Public International Law develops an understanding of the sources, principles and institutions of international law, with specific applications of international human rights law. The course explores fundamental concepts such as the nature and sources of international law and the international legal system, the relationship between international and domestic law, criteria for statehood, state personality, jurisdiction and responsibility, and the use of force. It provides a broad introduction to international human rights law, the law of the sea and international environmental law.

LAW5223 ADVANCED PROPERTY AND TRUSTS B (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW5212 and LAW5213

LAW5223 Advanced Property and Trusts B continues the study of property and trusts law commenced in Advanced Property and Trusts A and builds upon the study of equitable principles begun in Advanced Equity. The course examines important elements of Queensland legislation, and the Australian general law including equitable principles, as relevant to property law and trusts law in Queensland. The early focus of the course is on statutory schemes of registration for Torrens land, including detailed treatment of sale of land, leases, mortgages, easements and restrictive covenants, and related topics of fixtures and concurrent interests. The focus of the course then turns to trusts, with particular reference to the various kinds of trusts and the manner and form of their creation and variation: the duties, rights, duties and powers of trustees, the consequences of breach of trust, the statutory and equitable remedies available to beneficiaries and the respective rights of beneficiaries. Students learn to apply the relevant legal (statutory and common law) and equitable principles in real and practical circumstances where interests are commonly in dispute.

LAW5224 ADVANCED THEORIES OF LAW (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW5111 and (LAW5114 or LAW5115 or HIS5115)

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

LAW5311 ADVANCED COMPANY LAW (FBELA - PGRD)

Units 1 (Business and Commercial Law) Band 7

Pre-requisite: LAW5212 or LAW5127

Companies are the business form of choice which dominate the commercial landscape. The variety, size and structure of companies varies greatly. The object of this course is to provide students with an overview of the major principles and mechanisms of company law. On completion of this course, students will have sufficient legal information concerning choice of the corporate business form, including formation and characteristics of a company; the corporate constitution; corporate finance, share structure and membership; constitution and powers of corporate organs (board and general meeting); corporate authority; corporate governance including directors' duties; shareholders' remedies; and administration and winding up of the company. The course also provides students with opportunities to develop their skills in problem solving and statutory interpretation.

LAW5312 ADVANCED LAWYERS' ETHICS (FBELA - PGRD)

Units 1 (Legal Practice) Band 7

Pre-requisite: LAW5224 and (LAW5127 or LAW5212)

The course deals with the various pertinent rules concerning a practitioner's duty to the law, the Courts, clients and fellow practitioners, and a basic knowledge of the principles relating to the holding of money on trust. It looks at the nature of legal practice, and involves further study of philosophies of applied ethics in legal practice. It includes skills exercises in letter drafting, and accounting for client money. Topics studied include the regulation of the legal profession; admission and discipline; engagement; billing; and responsibilities in relation to client money; the conduct of litigation and advocacy; competence and careful practice; confidences; and loyalty to clients. It also deals with civility and courtesy in dealings with clients and other lawyers.

LAW5321 ADVANCED EVIDENCE (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW5121 and LAW5214 Pre-requisite or Co-requisite: LAW5223

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

LAW5322 ADVANCED CIVIL PROCEDURE (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: (LAW5123 or LAW5116) and (LAW5124 or LAW5126) and LAW5111

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

LAW6132 ADVANCED TAXATION LAW (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW5223 or LAW5214 Enrolment is not permitted in LAW6132 if (LAW3130 or LAW3500) has been previously completed

A study of taxation law involves not only an attainment of knowledge of the provisions of the various Tax Acts, but also a large volume of case law which has defined and/or clarified both the acts or general concepts not defined in the Acts, as well as the ability to apply this knowledge to factual situations. In order to participate in the planning of a client's tax affairs it is necessary to understand the relevant sections of the appropriate taxation laws applicable to the transaction or entity structure. This course primarily introduces students to the Income Tax Assessment Acts (ITAA36 and ITAA97) and the Goods and Services Tax Act 1999 (GSTA).

LAW6405 ADVANCED HUMAN RIGHTS AND ANTI-DISCRIMINATION LAW (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW5111 and LAW5121 and (LAW5115 or HIS5115 or LAW5114) Enrolment is not permitted in LAW6405 if LAW3405 has been previously completed

This course is designed to develop students' knowledge of human rights and anti-discrimination law in federal and Queensland jurisdictions. The course encourages students to apply critical thinking skills to evaluate complex legal problems and identify solutions drawn from relevant federal and Queensland legislation and case law, informed by international human rights law and developments. This is an elective Law course and completion of the course is not required for admission as a legal practitioner. This is a course on international human rights law and Australian human rights and anti-discrimination law. Students will examine international human rights treaties, institutions and procedures and the incorporation of Australia's human rights obligations into domestic law, before turning to Commonwealth and Queensland human rights and anti-discrimination legislation. Students will review the human rights protected under the Human Rights Act 2019 (Qld) and procedures to protect those rights, including public entity obligations. The course will cover grounds and procedures for lodging complaints about a human rights breach or unlawful discrimination, noting the functions of the Australian Human Rights Commission, Federal Courts, the Queensland Human Rights Commission and the Queensland Civil and Administrative Tribunal. This course is designed to equip students with the necessary skills and knowledge to recognise when a human rights breach or unlawful discrimination has occurred, understand the relevant laws and procedures and identify appropriate remedies.

LAW6421 AUSTRALIAN FAMILY LAW (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW5111 Enrolment is not permitted in LAW6421 if LAW3421 has been previously completed

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

LAW6422 ADVANCED SUCCESSION (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: (LAW5213 and LAW5223) or LAW5214 Enrolment is not permitted in LAW6422 if LAW3422 has been previously completed

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

LAW6424 ADVANCED PROPERTY CONVEYANCING (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW5213 or LAW5214 Enrolment is not permitted in LAW6424 if LAW3424 has been previously completed

This course enables you to apply the legal principles from your earlier years of the LLB to an examination of a standard land sale contract, and develops your skills of problem solving, legal analysis and written communication in the context of the legal principles and practice of conveyancing in Queensland. The course will examine the major elements in a land contract from pre-contract negotiations to post transfer rights and obligations. Students will be expected to use precedent documents and draft various clauses applicable to the standard land contract to overcome various problematic situations and know the standard land contract conditions in detail. Whilst some emphasis is placed on a residential conveyance, the peculiarities of commercial and community title land contracts are also considered.

LAW6466 ADVANCED ADVOCACY (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW5111 and (LAW5113 or LAW5116) Enrolment is not permitted in LAW6466 if LAW3466 has been previously completed

Mooting involves preparing for and then appearing in a simulated court on behalf of a hypothetical client. It is an authentic form of learning that develops many of the core skills required by professional advocates and lawyers of all types, including: advocacy, verbal and written communication, team work, collaboration and legal research. The Moot Court Bench gives students the opportunity to receive instruction in these core skills to then apply and develop the skills in competitive and non-competitive moods. The course will also develop and strengthen the mooting culture at the School of Law and Justice and students will have the opportunity to further develop their skills by nominating for various local, state and national mooting competitions. Students will study, practise and be assessed in the various skills involved in advocacy and mooting. They will receive instructions from simulated clients as instructing solicitors. They will prepare written briefs for counsel. They will prepare written and oral submissions alone and in teams. They will appear in moots as barristers, instructing solicitors, judges and judges' associates. They will receive written and verbal feedback from the instructor and also from other students and team members. They will visit local courts and observe professional advocates in action.

LAW6478 ADVANCED LAW CLINIC (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-req: Students must be enrolled in DJUR & must have successfully completed a minimum of 8 units in their program prior to submitting the Law Clinic Placement application Enrolment is not permitted in LAW6478 if LAW3478 has been previously completed

This course is designed to build the foundation for practical decision-making that combines an understanding of the law and its application to client problems, with current societal needs through working within a Community Legal Centre (CLC). Working in a CLC, students will assist the most disadvantaged clients in the community. They will be challenged with addressing a range of legal issues and may often be the last legal option for clients where other avenues for assistance have been exhausted. Students will be rostered in the Law Clinic at the appointed clinic times and deal directly with the clients under the supervision of the CLC supervising lawyer and the Law Clinic Director. Students will conduct client interviews, identify facts, legal issues, legal options, and prepare legal advice, legal letters and legal documentation as required and under supervision. The course contributes to student employability by providing practical legal experience and identifies UniSQ students as valuable assets to future employers.

LAW6479 ADVANCED FAMILY VIOLENCE AND CHILD PROTECTION LAW (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW5111 Enrolment is not permitted in LAW6479 if LAW3479 has been previously completed

Domestic and family violence and child protection are complex and significant social issues which have severe and long-lasting implications for all parties concerned, including those tasked with the job of implementing the law when charges are laid. It is therefore essential that those who work in this space thoroughly understand the legal options available to them. In this course, students will explore the public and legislative responses to the needs of children who fall into these areas, including (but not limited to) culture, socio-economics and gender. Further, ethical, professional and legislative implications for practitioners will also be considered. This course will provide students with an understanding of domestic violence and child protection issues, and of legal developments dealing with them. Evidentiary research, along with theoretical and practical analysis, will address developments in both legislative and preventative measures relating to these issues. This course is designed to provide students with the requisite skills and knowledge for working within the legal, policy and social contexts that address family violence and child protection. Students, by way of course assessments, will demonstrate their skills and knowledge through application of legal processes and procedures, designed specifically to provide a theoretical, yet practical basis for both areas of law.

LAW6484 ADVANCED MEDIA LAW (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: LAW5111 and (LAW5124 or LAW5126) Enrolment is not permitted in LAW6484 if LAW3484 has been previously completed

This course will examine the legal issues applicable to both the print and digital media in Australia. A key component of the course is an understanding of the law of defamation: what is defamation; who can be defamed; defamation and social media and truth and other defences available. This course will also examine whether there is a right to freedom of speech and the legal and ethical issues surrounding censorship and restrictions imposed on publications and 'hate speech'. Consideration will be given to the right to privacy and restrictions on reporting court proceedings and other suppression orders that might be issued, such as those based on national security laws. Intellectual property issues, such as the law of copyright will be addressed. A comparative analysis with current and developing media law issues in other jurisdictions will identify trends and law reform areas that might impact on the regulation of the Australian media.

LAW6490 ADVANCED PHILIP C JESSUP INTERNATIONAL LAW MOOT (FBELA - PGRD)

Semester 3 (ONC) Ipswich (ONC) Ipswich

Units 2 (Law not elsewhere classified) Band 7

Pre-requisite: LAW5222 and Students must be enrolled in one of the following Programs: LLBH or DJUR Enrolment is not permitted in LAW6490 if LAW3480 or LAW3490 has been previously completed

Mooting is a fundamental element of legal education that allows students to use and refine written and oral communication skills which are essential for success in future careers. This course enables students to develop sophisticated research skills, persuasive oral skills and a developed capacity to think on their feet through participating in the Philip C Jessup International Law Moot Court Competition. Successful participation in the course will provide students with a comprehensive understanding of the key substantive areas of international law raised by the competition problem and dispute resolution in the International Court of Justice. Mooting also provides law students with an authentic learning experience in a 'real world' context which has direct application in a professional legal environment. Students who have successfully completed mooting courses are well placed for a good transition to the workforce. This course enables students to gain significant experience in international law and advocacy by participating in the Philip C Jessup International Law Moot Court Competition. Students work as a team to represent fictitious States in a dispute before the International Court of Justice. The team comprises 5 students. Selection is competitive and involves consideration of a student's completed application form, academic record, willingness to commit to the competition from November to February, prior mooting or debating experience and an interview. The competition problem (the compromise) is released in September, after which the team will research together areas of public international law relevant to the compromise and prepare submissions (called memorials) for both States in the hypothetical dispute. The memorials are submitted in January. The team then prepares and refines oral pleadings, before competing against other Australian university teams in Canberra in February. Two Australian finalist teams then compete in the international finals in Washington DC. Team registration, travel and accommodation expenses are paid by the University. This course involves intensive work from November to February, and may involve additional work outside that period. A full-time commitment is required in this period, and only minimal part-time employment is permissible.

LAW6491 ADVANCED LAW AND JUSTICE PLACEMENT (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: Students must be enrolled in DJUR and must have successfully completed a minimum of 8 units in their program prior to submitting the Placement Proposal Enrolment is not permitted in LAW6491 if LAW3491 has been previously completed

The purpose of this course is to give students the opportunity to experience the applied aspects of working in the area of their degree. This course aims to provide the student with experience in applying discipline knowledge and skills in the context of professional practice in order to strengthen discipline-specific learning and specialisation. The course allows students to gain a critical understanding of the role of reflection on learning and self-evaluation in professional environments.

LAW8001 LEGAL RESEARCH METHODOLOGY (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

Pre-requisite: Students must be enrolled in one of the following programs: DPHD, DJUR, LLBH, LLMR or LLMC

This course provides an introduction to basic research for students undertaking an LL.B. Honours year, a J.D., an LL.M., or a Ph.D. in Law. Students will discuss the philosophy of research and gain a deep understanding of theoretical perspectives and epistemological assumptions underpinning different research approaches in legal scholarship. The focus of this course is on preparing students to develop their research proposals and to ensure that they have skills which allow them to identify and formulate meaningful research problems, to plan and execute a critical literature review, 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 provides an overview of both qualitative and quantitative research methodology and associated methods. Research quality is emphasized throughout the course as students begin to make critical decisions about the formulation of their research question and the most effective research design to address that question.

LAW8002 LAW MASTERS DISSERTATION A (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7

This is a one-unit course that contributes towards the Master of Laws Research Dissertation. 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 background. Each candidate for the applied research project is required to submit a research proposal to the Head of School and Faculty Research and Higher Degrees Committee for approval and endorsement by the Dean prior to the commencement of research. Most topics are drawn from the candidate's work experience and interest; however it is recognised that the work of some candidates is not necessarily suited for that purpose and the Head of School and Faculty Research and Higher Degrees Committee then considers topics drawn from elsewhere if necessary. The dissertation will be a significant piece of independently conducted and written research. To successfully complete the dissertation, students will be required to select a research topic, develop a proposal, carry out supervised research on the chosen topic using an appropriate research method, and present and defend the results.

LAW8003 LAW MASTERS DISSERTATION B (FBELA - PGRD)

Units 2 (Law not elsewhere classified) Band 7

Pre-requisite: LAW8002

This is a two-unit course that contributes towards the Master of Laws Research Dissertation. 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 background. Each candidate for the applied research project is required to submit a research proposal to the Head of School and Faculty Research and Higher Degrees Committee for approval and endorsement by the Dean prior to the commencement of research. Most topics are drawn from the candidate's work experience and interest; however it is recognised that the work of some candidates is not necessarily suited for that purpose and the Head of School and Faculty Research and Higher Degrees Committee then considers topics drawn from elsewhere if necessary. The dissertation will be a significant piece of independently conducted and written research. To successfully complete the dissertation, students will be required to select a research topic, develop a proposal, carry out supervised research on the chosen topic using an appropriate research method, and present and defend the results.

LAW8004 LAW MASTERS DISSERTATION C (FBELA - PGRD)

Units 4 (Law not elsewhere classified) Band 7

Pre-requisite: LAW8003

This is a four-unit course that contributes towards the Master of Laws Research Dissertation. 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 background. Each candidate for the applied research project is required to submit a research proposal to the Head of School and Faculty Research and Higher Degrees Committee for approval and endorsement by the Dean prior to the commencement of research. Most topics are drawn from the candidate's work experience and interest; however it is recognised that the work of some candidates is not necessarily suited for that purpose and the Head of School and Faculty Research and Higher Degrees Committee then considers topics drawn from elsewhere if necessary. The dissertation will be a significant piece of independently conducted and written research. To successfully complete the dissertation, students will be required to select a research topic, develop a proposal, carry out supervised research on the chosen topic using an appropriate research method, and present and defend the results.

LAW8006 MAJOR LAW HONOURS DISSERTATION (FBELA - PGRD)

Units 2 (Law not elsewhere classified) Band 7
Pre-requisite or Co-requisite: LAW8001

This course requires students to undertake a major project that involves initiative, organisation, research and other activities that may include analysis, problem-solving, reflection, written communication, teamwork, interpersonal skills and ethical inquiry. The course is intended to provide students with a capstone experience that requires and allows them to demonstrate detailed legal knowledge, together with various skills, in multiple areas as they prepare to complete and exit the law program.

LAW8701 CONSTITUTIONAL HUMAN RIGHTS (FBELA - PGRD)

Units 1 (Constitutional Law) Band 7
Pre-requisite: LAW5211 or Students must be enrolled in one of the following Programs: LLBH or LLMC

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

LAW8706 INTERNATIONAL HUMANITARIAN LAW (FBELA - PGRD)

Units 1 (International Law) Band 7
Pre-requisite: LAW5222 or Students must be enrolled in one of the following Programs: LLBH or LLMC

It is important for those acquiring the skills of lawyers to understand that the law is part of the social fabric and reflects the views and values not only of the society in which it operates but the wider international community. This course is aimed to introduce students to international obligations and their application domestically in relation to armed conflicts. Consideration of core fundamental principles such as distinction, humanity, proportionality and military necessity will be addressed. A comparative element between Australia and other jurisdictions such as the US and UK will occur. Students outcomes will deliver the skills necessary to discuss and debate through written communication the key legal concepts that relate to legal principles surrounding both 'jus ad bellum': the legal constraints on going to war, and 'jus in bello': the limits imposed by law once armed conflict exists. Students will achieve practical skills in producing research and a potential outcome will be delivery of a publishable journal article and a keen understanding of the research process.

LAW8713 SUSTAINABLE ENVIRONMENTAL GOVERNANCE (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite: LAW5111 or Students must be enrolled in one of the following Programs: LLBH or LLMC

Sustainable Environmental Governance covers the national regulatory systems of Australian industry for environmental governance, and the legal and managerial requirements for the effectiveness of these. The course includes the broader framework of environmental rules; issues of regulatory innovation, co-regulation, and the replacement or supplementation of government rules by industry codes, rules created by agreements, and social rules; regulatory frameworks, liability regimes and enforcement for environmental pollution and remediation; and environmental dispute resolution. It is delivered intensively in four seminars over two weeks (two seminars in each of two weeks), and will involve closely supervised research assignments.

LAW8715 EUROPEAN UNION LAW (FBELA - PGRD)

Units 1 (International Law) Band 7
Pre-requisite: LAW5111 or Students must be enrolled in one of the following Programs: LLBH or LLMC

The course deals with the European Union Law as it applies to the development of international organisations, free trade agreements, and the protection of individual rights. It is delivered intensively in four seminars over two weeks (two seminars in each of two weeks), and will involve closely supervised research assignments.

LAW8716 GOVERNMENT ACCOUNTABILITY (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite: LAW5221 or Students must be enrolled in one of the following Programs: LLBH or LLMC

Government Accountability is available in the Master of Laws, Juris Doctor and Bachelor of Laws (Honours) programs. It explores at an advanced level the evolution of key principles and frameworks in Australian administrative law, and the problematic and now fading 'public/private divide'. It examines the drivers, structures and core operations of the burgeoning 'integrity sector' in Australia - which includes auditors-general, anti-corruption bodies, public sector commissioners, freedom of information commissioners and ombudsman offices. The course also focusses in on select contemporary pressure points in current law and policy, and the broader patterns and trajectories that these reflect. It is delivered in four extended seminars (two seminars in each of two weeks), and will involve supervised research tasks and assignments.

LAW8717 INTERNATIONAL ENVIRONMENTAL LAW (FBELA - PGRD)

Units 1 (International Law) Band 7
Pre-requisite: LAW5111 or Students must be enrolled in one of the following Programs: LLBH or LLMC

International Environmental Law covers the sources of current international environmental law, the principal institutional structures and the processes by which international conventions and other agreements are enforced. It will interrogate key conventions and soft law instruments, and consider the role of states, international bodies, businesses and non-government organisations actors in developing and monitoring environmental issues. It covers the law of ozone protection and climate change, moveable and fixed world heritage and wildlife and biodiversity. The course is delivered intensively in four seminars over two weeks (two seminars in each of two weeks), and will involve closely supervised research assignments.

LAW8718 INTERNATIONAL FAMILY LAW (FBELA - PGRD)

Units 1 (Family Law) Band 7
Pre-requisite: LAW5111 or Students must be enrolled in one of the following Programs: LLBH or LLMC

The course deals with the private international law of Australia, the European Union and the United States as it applies to questions of the validity of marriage, the recognition of foreign matrimonial and property decrees, and international child abduction. It is delivered intensively in four seminars over two weeks (two seminars in each of two weeks), and will involve closely supervised research assignments.

LAW8719 ACCREDITED GENERAL MEDIATION (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite: LAW5111 and LAW5122 or Students must be enrolled in one of the following Programs: LLBH or LLMC

Accredited General Mediation examines the steps of mediation, different models of mediation, the role of the mediator, ethics and values in mediation, and communication skills and techniques required for the conduct of mediations. This includes the necessary training to assist students to become a Nationally Accredited Mediator under the National Mediator Accreditation Standards (NMAS) and enable progression to register with an Australian Recognised Mediator Body. It is delivered through three intensives that can occur online or via face-to-face classes that involve role-plays and potentially mediator assessment before a panel of assessors. Stream A will only need to attend Intensive A. Stream B will need to attend all three intensives.

LAW8721 ESTATE PLANNING (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7
Pre-requisite: (LAW5223 or LAW5214) or Students must be enrolled in one of the following Programs: LLBH or LLMC

This course provides the fundamental legal knowledge required for effective taxation and estate planning. The course provides a structured approach for effective taxation and estate planning by commencing with the purpose of estate planning, duties of care and professional responsibilities. Students will learn and have opportunities to apply legal problem solving skills in the areas of wills, testamentary trusts, taxation of estates, family breakdown before and after death, business and superannuation succession planning. Students will be assessed via two in-depth case studies which focus on the research and application of legal principles relevant both pre and post death.

LAW8750 MASTER OF LAWS COMMERCIAL LAW PROJECT (FBELA - PGRD)

Units 1 (Business and Commercial Law) Band 7
Master of Laws Commercial Law Project involves a review of the literature associated with a unique project in commercial law. Students nominate a substantial project in commercial law that may incorporate significant theoretical issues or practical experiences relevant to the student's career development. The research and writing of the project

LAW8751 MASTER OF LAWS COMPARATIVE LAW PROJECT (FBELA - PGRD)

Units 1 (International Law) Band 7
Master of Laws Comparative Law Project involves a review of the literature associated with a unique project in comparative law. Students nominate a substantial project in comparative law that may incorporate significant theoretical issues or practical experiences relevant to the student's career development. The research and writing of the project will be undertaken with the guidance of an expert supervisor.

LAW8752 MASTER OF LAWS SUSTAINABLE DEVELOPMENT LAW PROJECT (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7
Master of Laws Sustainable Development Project involves a review of the literature associated with a unique project in the law of sustainable development. Students nominate a substantial project in sustainable development that may incorporate significant theoretical issues or practical experiences relevant to the student's career development. The research and writing of the project will be undertaken with the guidance of an expert supervisor.

LAW8753 MASTER OF LAWS INTERNATIONAL LAW PROJECT (FBELA - PGRD)

Units 1 (International Law) Band 7
Master of Laws International Law Project involves a review of the literature associated with a unique project in public international law. Students nominate a substantial project in public international law that may incorporate significant theoretical issues or practical experiences relevant to the student's career development. The research and writing of the project will be undertaken with the guidance of an expert supervisor.

LAW8754 MASTER OF LAWS PUBLIC LAW PROJECT (FBELA - PGRD)

Units 1 (Law not elsewhere classified) Band 7
Master of Laws Public Law Project involves a review of the literature associated with a unique project in public law. Students nominate a substantial project in public law that may incorporate significant theoretical issues or practical experiences relevant to the student's career development. The research and writing of the project will be undertaken with the guidance of an expert supervisor.

LIN5000 THE NATURE OF LANGUAGE (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (English as a SecLangTeach) Band 1

Students will be introduced to the main characteristics of syntax, phonology and other facets of language, the systems which underlie each of these facets, and the relationship between each one and the social and cultural context in which it is embedded.

LIN8001 PRINCIPLES OF SECOND LANGUAGE LEARNING (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (English as a SecLangTeach) Band 1

The course emphasises 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 first language in second language learning; (d) cognitive processes and strategies involved in second language learning and communication; (e) individual learner characteristics, learning and environments; (f) social and cultural factors affecting L1 and L2 use; (g) consideration of the implications of second language learning research and theory for language teaching.

LIN8002 METHODOLOGY IN TEACHING A SECOND LANGUAGE (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (English as a SecLangTeach) Band 1

This course links theory with practice in teaching the four macroskills: listening, speaking, reading and writing with vocabulary and grammar incorporated. Language learning objectives and outcomes are based on a student learning orientation aimed at developing communicative competence in contexts that are socially and culturally relevant. Principles of second language teaching methodology are grounded in principles of second language learning that are addressed in the LIN8001 course and are assumed knowledge for this course. It is highly recommended that LIN8001 be studied prior to LIN8002.

LIN8006 TECHNOLOGY-ENHANCED LANGUAGE TEACHING (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (English as a SecLangTeach) Band 1

This course provides language teachers with an introduction to theory and practice of Computer-Assisted Language Learning (CALL). Course topics include theoretical bases for CALL; current trends and issues of CALL research; language teachers' roles in CALL environments; the development and use of CALL applications such as multimedia / hypermedia materials and Internet tools; and strategies for integrating CALL into second language programs.

LIN8019 TEACHING LANGUAGES TO YOUNG LEARNERS (FBELA - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (English as a SecLangTeach) Band 1

The 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 contexts.

MAC2901 MATHEMATICS FOR TEACHERS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Mathematics) Band 1
Enrolment is not permitted in MAC2901 if MAC1901 has been previously completed.

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 many success experiences, 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.

MAC8901 ISSUES IN TEACHING MATHEMATICS (FHESC - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Teacher Education not elsewhere) Band 1

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 many successful experiences, gain confidence in solving mathematical problems. The content of the course will include investigating troublesome knowledge in concepts aligned to the Australian Curriculum: measurement and geometry; number and algebra; statistics and probability and will cater for those teaching up to Year 10 and options for those wanting to teach Years 11 and 12.

MAR8003 MASTER OF ARTS PROJECT A (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 2 (Studies in Human Society n.e.c) Band 1B
Pre-requisite: Students must be enrolled in MSTA or MARA or MAEP. Students in the MSTA or MARA must have successfully completed HMT4005 or BCA8002 or HMT4007 (or equivalent). Students in the MAEP must have successfully completed PUB8001 (or equivalent).

This two-unit course enables students enrolled in the Master of Arts program to commence their research project, which may be either a traditional thesis, or a practice-led thesis with creative work and exegesis. A traditional 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. A practice-led thesis will include an exegesis and creative work/s and will enable students to explore at an advanced level the intersection between theory and practice. The research project commenced in MAR8003 will be continued in MAR8004, and finalised in either MAR8004 (for a 4-unit thesis) or MAR8008 (for a 6-unit thesis).

MAR8004 MASTER OF ARTS PROJECT B (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 2 (Studies in Human Society n.e.c) Band 1B
Pre-requisite: Students must be enrolled in one of the following Programs: MSTA or MARA or MAEP Co-requisite: 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 written exegesis. The thesis shall consist of 20,000 words 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 experiential knowledge. The emphasis will be primarily on practice in order to identify and articulate significant discoveries made through experiential methodologies to increase Masters-level discipline expertise.

MAR8006 GUIDED ARTS STUDIES A (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Studies in Human Society n.e.c) Band 1B
Pre-requisite: Students must have successfully completed HMT4005 or BCA8002 or HMT4007 or be enrolled in DPHD program

This 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 professional reports 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)

Semester 1 (ONL)Toowoomba
Units 2 (Studies in Human Society n.e.c) Band 1B
Pre-requisite: MAR8003 and MAR8004

This 2-unit course enables selected students enrolled in the Masters to complete under supervision an 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)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Mathematics) Band 1

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.

MAT1100 FOUNDATION MATHEMATICS (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba
Units 1 (Mathematics) Band 1
Enrolment is not permitted in MAT1100 if ENM1500 or MAT2100 or MAT1102 or ENM1600 or ENM2600 has been previously completed

Assuming current skills at the level of Queensland Senior Secondary School Studies Year 11 Mathematics B (or Mathematical Methods or equivalent), this course strengthens and further develops algebra, functions, trigonometric, exponential, logarithmic and graphing competencies, and introduces matrices, vectors and calculus. Emphasis is placed on developing strong foundation mathematical skills in these areas for use in tertiary studies, and on exploring and applying these skills to a range of contexts. Students without this level should take MAT1000 prior to doing this course. Students contemplating enrolment in MAT1100 who are not familiar with the content of at least Queensland Year 11 Maths B or Queensland Year 11 Mathematical Methods, or Queensland Year 12 General Mathematics or their equivalents (e.g., TPP7182 Mathematics Tertiary Preparation 2) should contact the examiner before enrolling. In your e-mail, please state your course of study and your mathematics background.

MAT1101 DISCRETE MATHEMATICS FOR COMPUTING (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld
Units 1 (Mathematics) Band 1

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.

MAT1102 ALGEBRA AND CALCULUS I (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Mathematics) Band 1

It is assumed that students entering this course have up-to-date Old Maths B competencies, that is, well-established algebra, function, graphing and trigonometry competencies, and introductory level skills in matrices, vectors and calculus. This course advances conceptual and technical competencies in these fields by investigating limits, continuity, inverse functions, compositions, rational functions and implicit functions. Calculus concepts, differentiation and integration are advanced and used in problem-solving applications. Vector algebra is extended and applied to the description of lines and planes in space. Matrix algebra is extended to determinants, and used for modelling and to solve systems of linear equations in a range of settings. Euler notation is used to represent complex numbers and functions.

MAT2100 ALGEBRA AND CALCULUS II (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Mathematics) Band 1
Pre-requisite: MAT1102 or MAT1502 or ENM1600 or Students must be enrolled in the following program: MSCN or MEPR or BSED

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, Taylor and Fourier series. Module 2 covers multivariable calculus including representation of functions of several variables, surfaces and curves in space, partial differentiation, optimisation, directional derivatives, gradient, divergence and curl, line integrals of the 1-st and 2-nd kinds, iterated integrals, Green's theorem. Module 3 extends the linear algebra of MAT1102 Algebra and Calculus 1 to cover eigenvalues and eigenvectors, vector space, bases, dimensions, rank, systems of linear equations, symmetric matrices, transformations, diagonalisation with applications.

MAT2200 OPERATIONS RESEARCH 1 (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Mathematics) Band 1
Pre-requisite: MAT1102 or ENM1600 or equivalent or approval from the examiner. Enrolment is not permitted in MAT2200 if MAT1200 has been previously completed.

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

MAT2409 HIGH PERFORMANCE NUMERICAL COMPUTING (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Mathematics) Band 1
Pre-requisite: (CSC2410 or CSC1401) and (MAT1102 or ENM1600) or Students must be enrolled in one of the following Programs: MPIT or MCOT or MCTE

This course develops skills in programming modern high-performance computers. It examines some of the typical hardware architectures and how they affect performance and programming. Algorithms to illustrate the principles are chosen from a range of scientific tasks. The course includes the study of numerical solutions of linear and non-linear equations, numerical interpolation and curve fitting, the numerical solution of ordinary differential equations, and Monte Carlo simulation. Interaction utilising modern graphics is exploited.

MAT3103 MATHEMATICAL MODELLING AND DYNAMICAL SYSTEMS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Mathematics) Band 1
Pre-requisite: MAT2100 or MAT2500 or ENM2600

The course uses mathematical tools introduced in pre-requisite studies to model a variety of realistic phenomena surrounding us in everyday life and introduces calculus of variations for optimisation problems. The course emphasises the importance of the dimensional analysis and demonstrates the close connection between phase-plane concept and qualitative analysis of solutions of ODE. The basics of technical communication in the mathematical sciences are 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)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Mathematics) Band 1

Pre-requisite: (STA2300 or STA1003 or equivalent) and (MAT2100 or MAT2500 or ENM2600)

This course begins by investigating models of economic activity and the financial and economic strategies which are used to stimulate economic activity. After these 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 scilab which are supplied on the course web page (students may choose whether to use R or scilab - 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 Ito's formula are explained and applied. This is applied to financial process problems and the Black-Scholes differential equation is formulated and solved. Binomial tree models are introduced and used to solve a variety of option pricing models. In the last part of the course the method for solving option pricing problems based on the equivalent martingale measure. The on-campus offering of this course is normally available only in odd numbered years. The external offering of this course is available yearly.

MAT3105 HARMONY OF PARTIAL DIFFERENTIAL EQUATIONS (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Mathematics) Band 1

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 emphasises mathematical and physical interpretation. Nonlinear PDEs are introduced and discussed. The on-campus offering of this course is normally available only in even numbered years. The external offering of this course is available yearly.

MAT3201 OPERATIONS RESEARCH 2 (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Mathematics) Band 1

Pre-requisite: MAT1200 or MAT2200 or Students must be enrolled in one of the following Programs: MSCN or GDSI

This course requires students to be capable of applying managerial control techniques to the outputs of projects; to understand the implications of decision making under uncertainty; to formulate and solve dynamic programming models; to model and solve queueing and inventory problems. Concepts in simulation are developed through the design of probabilistic simulation models for inventory and queueing problems. The oncampus offering of this course is normally available only in odd years. The external offering of this course is available yearly.

MAT8180 MATHEMATICS/STATISTICS COMPLEMENTARY STUDIES A (FHESC - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Mathematical Sciences not else) 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 program. Typically the course will consist of specialised investigations extending knowledge and skills in one of the areas listed in the Topics section below, or another Topic where appropriate and where a supervisor is available.

MAT8190 MATHEMATICS/STATISTICS COMPLEMENTARY STUDIES B (FHESC - PGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Biological Sciences not elsewh) Band 2

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 specialised investigations extending knowledge and skills in one of the areas listed in the Topics section below, or another Topic where appropriate and where a supervisor is available.

MBA8000 APPLIED BUSINESS RESEARCH AND ETHICS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 7

This course will expose students to a range of complex and problem ethical dilemmas in business and research. Students will be required to consider a variety of possible solutions for these dilemmas and to explore the ethical consequences of those solutions. The design of the course, and the associated assessment items, will result in students developing a holistic understanding of ethical business practice and ethical business research along with the associated issues, challenges and consequences of ethical decision making.

MBA8001 LEVERAGING YOUR LEADERSHIP IDENTITY (FBELA - PGRD)

Units 1 (Business Mgt not classified) Band 7

Pre-requisite: Students must be enrolled in one of the following Programs: MBAL or GDBA or GCBA

This course is fundamental to your learning journey through the MBA as it provides the foundation for the whole program. You will begin the course by considering what it means to think strategically and how leveraging your leadership identity is part of being a strategic leader. You will have the opportunity to identify your personal attributes and capabilities, your personality, your values and your limitations and recognise how they shape your leadership identity. You will use this awareness to develop a contextually appropriate approach to leadership and a personal brand that reflects your leadership identity. You will draw from key leadership theories and styles to understand, strengthen and leverage your leadership identity through your personal brand.

MBA8002 MAKING DECISIONS STRATEGICALLY (FBELA - PGRD)

Units 1 (Business Mgt not classified) Band 7

Pre-requisite: Students must be enrolled in one of the following Programs: MBAL or GDBA or GCBA Co-requisite: MBA8001

This course will explore what it means to approach decision-making strategically and how your leadership identity will influence this. You will analyse various approaches to decision-making to determine the approach most suited for the stimulus, type and context of the decision being made. You will critically analyse the various factors that influence decision-making in an organisational context. You will examine the various forms of evidence that can inform decision-making as well as ways of validating, interrogating and integrating that evidence to ensure you make sound and intentional decisions. The concept of wicked problems will be introduced to highlight the challenges faced by senior leaders when making decisions. You will also explore the ways to measure the impact and consequences of your decision making.

MBA8003 ANALYSING BUSINESS DATA (FBELA - PGRD)

Units 1 (Business Mgt not classified) Band 7

Pre-requisite: MBA8001 and MBA8002 and Students must be enrolled in one of the following Programs: MBAL or GDBA or GCBA

This course will provide you with the opportunity to build capacity to fluently and confidently interact with and direct the financial and business analysis sections of the organisation. This course prepares you to be able to interrogate data and information to diagnose organisational performance and identify opportunities. Knowing your data and their relationship to organisational performance is a skill that strategic leaders need to be comfortable with. This course will help you move from operational thinking to strategic thinking through developing a sophisticated approach to issues of financial and performance analysis.

MBA8004 LEADING A HIGH-PERFORMANCE CULTURE (FBELA - PGRD)

Units 1 (Business Mgt not classified) Band 7

Pre-requisite: MBA8001 and MBA8002 and Students must be enrolled in one of the following Programs: MBAL or GDBA or GCBA

This course focuses on providing you with the skills and knowledge required to build and lead a high-performance culture that is aligned to the organisation's mission and vision. You will integrate models of relevant theories and perspectives to inform your understanding of the organisation's purpose, structure and culture. You will develop strategies to create an inclusive organisational culture that considers the impact of power, diversity and geography and that aligns with the organisation's mission. Your leadership identity will also inform the strategic approach to take when building and sustaining a high-performance culture.

MBA8005 SHAPING ORGANISATIONAL POLICY (FBELA - PGRD)

Units 1 (Business Mgt not classified) Band 7

Pre-requisite: MBA8001 and MBA8002 and Students must be enrolled in one of the following Programs: MBAL or GDBA or GCBA

This course will examine the range of factors that influence the shaping of organisational policy. Effective leaders need to be able to navigate the sometimes competing or conflicting demands of these various factors, to ensure they meet compliance obligations whilst still maintaining opportunities for growth. You will learn to consult, collect and consider multiple perspectives to shape appropriate policies and to evaluate policies in relation to the principles of good governance, risk, public interest and ethical and legal requirements. The final step in the process of shaping organisational policy is the evaluation and reporting of outcomes. To achieve this, you will be required to apply appropriate communication strategies to advocate to, and engage, key stakeholders in the adoption and implementation of these policies.

MBA8006 BALANCING DRIVERS OF BUSINESS PERFORMANCE (FBELA - PGRD)

Units 1 (Business Mgt not classified) Band 7

Pre-requisite: MBA8001 and MBA8002 and Students must be enrolled in one of the following Programs: MBAL or GDBA or GCBA

You will learn to navigate the business environment in which an organisation operates whilst balancing the mechanisms that drive business performance, while simultaneously managing the planning and operational activities of the organisation to maintain quality standards and align with organisational values. You will learn how to make decisions that drive business performance by considering the influences of governance micro and macro external forces, risk, ethics, regulatory requirements and corporate social responsibility on performance outcomes such as profitability, cash flow and other financial KPIs. Finally, you will explore how the needs and constraints of the organisation's people, resources and systems need to be considered, and how collaboration plays a role in the strategies and decisions designed to drive performance outcomes.

MBA8007 DESIGNING SYSTEMS FOR IMPACT (FBELA - PGRD)

Units 1 (Business Mgt not classified) Band 7

Pre-requisite: MBA8001 and MBA8002 and Students must be enrolled in one of the following Programs: MBAL or GDBA or GCBA

This course is focussed on developing your capabilities to lead and oversee organisational systems and processes that are fit for purpose. Effective systems and process development is contingent on the analysis of complex information incorporating knowledge of how the parts of a business work together. You will learn to drive business process improvements that eliminate waste and maximise efficiency. Theories related to design thinking, business analysis and agile methodologies will provide you with a solid foundation from which to build your capabilities in this area. You will also consider issues related to information and digital security in systems used by the organisation.

MBA8008 COMMUNICATING STRATEGICALLY (FBELA - PGRD)

Units 1 (Business Mgt not classified) Band 7

Pre-requisite: MBA8001 and MBA8002 and Students must be enrolled in one of the following Programs: MBAL or GDBA or GCBA

This course focuses on communication strategies needed to engage with the stakeholders of the organisation. It involves knowledge and understanding of how people receive and interpret communications and the factors that impact upon this process. You will explore how communication can be used to build relationships with both internal and external stakeholders to achieve organisational purpose and objectives. You will evaluate the effectiveness of communication strategies and tactics targeted to specific stakeholders and consider their impact on the brand and reputation of the organisation.

MBA8009 MOBILISING YOUR PEOPLE (FBELA - PGRD)

Units 1 (Business Mgt not classified) Band 7

Pre-requisite: MBA8001 and MBA8002 and Students must be enrolled in one of the following Programs: MBAL or GDBA or GCBA

This course will challenge students to investigate different models of staff engagement supported by well-crafted HR policies and procedures. You will identify strategies and approaches that can mobilise people, both as individuals and in teams, to achieve organisational purpose within the boundaries of regulatory and legislative requirements. As a successful leader you need to create and lead teams, communicating appropriately and with impact and managing performance. At the completion of this course, you will have developed mobilisation strategies at the individual, group and systems levels of an organisation that will ultimately allow the organisation to achieve its goals.

MBA8010 LEADING THROUGH A CRISIS (FBELA - PGRD)

Units 1 (Business Mgt not classified) Band 7

Pre-requisite: MBA8001 and MBA8002 and Students must be enrolled in one of the following Programs: MBAL or GDBA or GCBA

In this course, you will investigate the different levels and types of crises that leaders may need to face in their organisations and how each requires a different style of leadership in response. Early warning systems and crisis detection and prevention will be explored and the policy and cultural implication s of these considered. The importance of timely and reliable information will be highlighted as will be the role of authentic and strategic communication in success fully dealing with the crisis within a business context. Finally, you will critique and develop strategic responses to crises that integrate your learnings from the program to this point.

MBA8011 DRIVING GROWTH AND INNOVATION (FBELA - PGRD)

Units 1 (Business Mgt not classified) Band 7

Pre-requisite: MBA8001 and MBA8002 and MBA8003 and MBA8004 and MBA8005 and MBA8006 and MBA8007 and MBA8008 and MBA8009 and MBA8010 and Students must be enrolled in the following Program: MBAL

This course provides you with the capabilities to develop strategic responses to challenges and opportunities for business growth within the context of global and digital disruption. An understanding of where your opportunities lie in response to these forces is developed through careful analysis and review of data and mega trend. You will learn how to exercise professional judgement to interpret these trends and their potential impact on the performance of the business and to contextualise the constraints on your options through consideration of risk and governance. You will create strategic responses to the challenges and opportunities identified from this analysis that shows evidence of creativity, innovative and agile thinking aligned to the purpose of the organisation.

MBA8012 DREAMING BIG (CAPSTONE) (FBELA - PGRD)

Units 1 (Business Mgt not classified) Band 7

Pre-requisite: MBA8001 and MBA8002 and MBA8003 and MBA8004 and MBA8005 and MBA8006 and MBA8007 and MBA8008 and MBA8009 and MBA8010 and Students must be enrolled in the following Program: MBAL Pre-requisite or Co-requisite: MBA8011

As a capstone course, you will have the opportunity to apply and integrate the knowledge and skills you have developed through the program to a real-world problem that may be local or global in nature. In doing so you will be encouraged to reflect on and leverage your personal transformation from operational to strategic thinking. This course will require you to demonstrate research and analytical skills to create a strategic response to a problem that shows the ability to integrate all facets of the organisation and balance issues of risk and governance with quality and growth.

MEC1201 ENGINEERING MATERIALS (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld

Semester 3 (ONL)Toowoomba

Units 1 (Materials Engineering) Band 2

Materials science and engineering course has come into its own as a field of endeavour during the past 25 years. The central theme in this development is the concept that the properties and behaviour of a material are closely related to the internal structure of that material. The properties (which may be regarded as the responses of the material to its immediate environment) are functions of: (i) the kinds of atoms present and the type of bonding among them, and (ii) the geometrical arrangement of large numbers of atoms, microstructure and macrostructure. As a result, in order to modify properties, appropriate changes must be made in the internal structure. Also, if processing or service conditions alter the structure, the characteristics of the material are altered. Over the same period, noticeable changes have taken place in the teaching of engineering materials to the engineering students. Previously, elementary courses emphasised on the mechanical properties of materials with long dull lists of chemical specifications and descriptions of processing. More recently, elementary courses seek to provide a thorough grasp of the structures encountered in the principal families of materials - metals, ceramics and polymers - and then to show how the properties of important engineering materials depend on these structures. This course seeks to provide a background knowledge of the more commonly used engineering materials. This will be achieved by promoting an understanding of the interrelation of structure and properties in the principal families of materials and the mechanisms by which the structural changes may be accomplished.

MEC1501 INTRODUCTION TO INDUSTRIAL PROCESSES (FHESC - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Process and Resources Engineer) Band 2

Pre-requisite: CIV1500 or CIV1501

This introductory course enables the student to achieve a basic understanding of the control systems used in a number of different industrial processes. This is further developed in the next course 'Process Control Systems', where process controllers are designed and implemented by applying the fundamental principles covered in this course, together with the theory and application of Fluid Mechanics, Thermodynamics, Electrical and Electronic Circuits, Sensors and Actuators, Programmable Logic Controllers and Human-Machine 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 food processing, petro-chemical processing, mining and ore processing, and manufacturing. The course is structured so that for each process there is discussion on the equipment used, safety considerations, sustainability, by-products, and control requirements and control strategies.

MEC2106 INTRODUCTION TO THERMOFLUIDS (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld

Units 1 (Mechanical, Industrial Engineer) Band 2

Pre-requisite: CIV1500 or CIV1501 or Students must be enrolled in one of the following Programs: BENH or BEBC or BEHS or GCEN or MENS or GEPR

Students will learn how pressure controls the movement of fluids and fluids exert pressure on their surroundings. They will study how the exchange of energy via work and/or heat transfer enables the design of practical devices. The implications of these processes are used in the analysis of practical systems.

MEC2202 MANUFACTURING PROCESSES (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Manufacturing Engineering) Band 2

Pre-requisite: MEC1201 or Students must be enrolled in one of the following Programs: MEPR or GCEN

Manufacturing involves the transformation of raw materials from their initial form into finished, functional products. Man achieves this transformation by numerous methods utilising a variety of processes each designed to perform a specific function in the transformation process. Inherent in the design and operation of processes must be a knowledge of the properties of engineering materials and specific methods to utilise these properties during the various stages of the manufacturing process. Because of the competitive nature of the manufacturing industry, engineers are constantly striving to create new materials, better transformation methods and processes which are cheap to operate, efficient, fast and accurate. This course provides an introductory study of manufacturing processes and is complemented by further studies at higher levels of the program. Various material forming and cutting processes are considered, and theoretical knowledge is reinforced by practical demonstrations and videos.

MEC2301 DESIGN OF MACHINE ELEMENTS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Units 1 (Mechanical Engineering) Band 2

Pre-requisite: (MEC2402 and ENG1100) or Students must be enrolled in one of the following Programs: MEPR or GCEN or GEPR

This course aims to integrate the knowledge that the student has gained earlier in their program and to focus the student's analytical skills towards synthesis of solutions by working through the design of several simple, commonly used devices.

MEC2304 SOLID MODELLING (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Mechanical Engineering) Band 2

This course will provide opportunities for students to develop skills in the use of feature based, parametric solid modelling. The course also develops the student's skills and confidence in those techniques and principles deemed to be essential for solid modelling. Further more, it aims to develop their awareness of the importance of modelling as a design, drafting, communications and manufacturing tool.

MEC2401 DYNAMICS I (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Mechanical Engineering) Band 2

Pre-requisite: ((MAT1502 or MAT1102 or ENM1600) and CIV1501) or Students must be enrolled in one of the following Programs: GCEN or GCNS or METC or MEPR or MENS or GEPR

A working knowledge of the basic laws of motion and of the concepts of force, energy, momentum, impulse and vibration is fundamental to the study of mechanics and the solution of many engineering problems. In this course these basic concepts are reviewed and a number of techniques are developed to assist in the analysis of the plane motion of particles, bodies, interconnected bodies, mechanisms and geared systems.

MEC2402 STRESS ANALYSIS (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Mechanical Engineering) Band 2

Pre-requisite: CIV1501 or Students must be enrolled in one of the following Programs: GCEN or METC or MEPR or GCNS or GDNS or MENS or GEPR

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 machines while under load. It predicts how force is carried through a structure or machine and how the materials at any point in any individual member resist the force. As such, stress analysis is essential to the design function and the analysis function. Every engineer who has to make a judgement on the strength and stability of any structure, machine or mechanism, no matter how simple or how complex, must understand the fundamental principles of stress analysis.

MEC2405 MACHINE DYNAMICS (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Mechanical Engineering) Band 2

Pre-requisite: CIV1501 or Students must be enrolled in the following Program: GCEN

A knowledge of the basic laws of dynamics, vibration and mechanisms are fundamental for the solution of many engineering problems. This course develops, at an appropriate level, theoretical and practical methods used in the design of machine elements.

MEC2406 INTRODUCTION TO MECHATRONICS AND AUTOMATION (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Mechanical Engineering) Band 2

A Graduate Mechatronics Engineer must have mastery of the topics introduced in this course, including Mechatronic Design, Control Systems, System Dynamics, Actuators/Motors, Sensors and Micro controllers. Throughout the course, Control and Microcontroller interfacing will be a common theme and will be consistently reinforced. The first assignment requires the student to undertake a report detailing the mechatronic system breakdown of a device. The remaining assignments encompass a hands-on approach to solve a specific control task using control techniques, motors, sensors, and microcontroller programming.

MEC2501 PROCESS CONTROL SYSTEMS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Process and Resources Engineer) Band 2

Pre-requisite: ELE2103 or (MEC1501 and ELE2101 as Co-requisite or Pre-requisite) or Students must be enrolled in the following Program: GEPR

This course takes a multi-disciplinary approach to provide the student with the knowledge base and application skills to 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 is covered in the co-requisite course 'Control and Instrumentation'. The course also further expands on the fundamental knowledge gained in the pre-requisite course 'Introduction to Industrial Processes' by enabling students to undertake the specification, design and implementation of selected control systems suitable for food processing, manufacturing, mining, ore processing, and petro-chemical processes. An awareness of safety system roles and architectures is also developed.

MEC2901 MECHANICAL PRACTICE 1 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld

Semester 3 (EXT)Toowoomba (EXT)Toowoomba

Units 0 (Mechanical, Industrial Engineer) Band 2

This course presents a series of activities designed to develop specific skills and knowledge relevant to Mechanical Engineering. These activities are to be carried out on an individual or small group basis. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students.

MEC2902 MECHANICAL PRACTICE 2 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (EXT)Toowoomba (EXT)Toowoomba

Units 0 (Mechanical Engineering) Band 2

This course falls naturally into three parts: Part One consists of a design activity where a small team of students develop a design concept and specification for a device capable of satisfying a broadly specified task. Part Two comprises the procurement of appropriate resources and the design and construction of the device in accord with the design specification developed in Part One. Part Three covers the testing of the device and encourages the student to reflect on the activities and outcomes of the work conducted in Part One and Part Two above. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students.

MEC3107 THERMOFLUIDS (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Mechanical, Industrial Engineer) Band 2

Pre-requisite: (MEC2106 and ENM1600) or Students must be enrolled in one of the following Programs: GCNS or GDNS Enrolment is not permitted in MEC3107 if MEC2101 or MEC3102 have been previously completed

The analysis of thermofluids is based around forces and energy; this is how fluids interact with other fluids and solids as part of their environment. A consequence of every process is an increase in the chaos in the universe; the implications for this in engineering systems are explored. The effects of friction on subsonic fluid flow are investigated, while the nature of heat transfer transmitted by solids and fluids is explored in detail for practical situations.

MEC3203 MATERIALS TECHNOLOGY (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

Units 1 (Materials Engineering) Band 2

Pre-requisite: MEC1201 or Students must be enrolled in one of the following Programs: GCEN or METC or GCNS or GDNS or MEPR or MENS

This course is an advanced level materials engineering course, and builds onto prior engineering materials knowledge. The course design is primarily based on a case study that seeks to consolidate and assess higher-level analytical and critical thinking, but also seeks to introduce professional practice and judgement in applying various materials application methods. The relevant "materials science" content will be inherently explored through the case study, but the main emphasis will be on applications and practice. The objective here in this course is about getting student engineers to "think" rather than just "learn". This approach is demonstrated through systematic exploration, evaluation, synthesis, and application in material selection and failure analysis methods.

MEC3204 PRODUCTION ENGINEERING (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld

Units 1 (Industrial Engineering) Band 2

The design and organisation of methods used in manufacturing is of fundamental importance to a manufacturing firm. Methods may also be termed the management of a process, the way in which physical facilities are arranged to provide an environment which is inductive to efficient, fast transformation. A measure of this efficiency is the time in which the transformation occurs. Time being one of the critical factors involved in the measurement of productivity. The transformation process requires an exact knowledge of the size, shape and finish desired on the finished product. In manufacturing, the ability to measure accurately both size and form, is of paramount importance to the quality and performance of the end product. Because of the wide diversity of types of processes, materials and products associated with manufacturing, the management function of a firm must be highly organised, efficient and responsive to provide an environment capable of meeting the demands and needs of its customers. Engineers must keep abreast with advancing production and operations techniques to ensure that their products remain competitive. Computer technology has made tremendous inroads into the manufacturing scene over the past decade and firms must incorporate computer monitoring and control in their operations if they are to remain in today's manufacturing arena.

MEC3303 MECHANICAL AND MECHATRONIC SYSTEM DESIGN (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Mechanical Engineering) Band 2

Pre-requisite: MEC2301 or Students must be enrolled in one of the following Programs: GCEN or METC or GCNS or GDNS or MEPR or MENS

In this course, the student engages in assignments and workshops to develop the student's ability to discern the relevant factors and design accordingly, to interact within a design team, and to communicate ideas and concepts through oral and written presentation. An essential skill for the design engineer is to be able to work across disciplines and therefore they often must "learn" new specialisations. In this course the student is introduced to several specialist topics not covered elsewhere in their course of study. This is a senior course, and it is assumed that the student has the maturity, knowledge, and skills base commensurate with having completed the first two years of their undergraduate course.

MEC3903 MECHANICAL PRACTICE 3 (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba

Semester 3 (EXT)Toowoomba (EXT)Toowoomba

Units 0 (Mechanical, Industrial Engineer) Band 2

The course comprises two parts - engineering metrology and computer assisted machining. It is the aim of this course to provide students with practical skills associated with each of these areas. Metrology activities include precision measurement of component features, form and geometry utilising specialised measuring instruments and equipment. Subsequent analysis and presentation of measurement data also form part of metrology. Computer assisted machining encompasses NC programming methods, program preparation, program verification and machining utilising computer software and technologies. The activities will be carried out individually and in groups. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students.

MEC3904 MECHANICAL PRACTICE 4 (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (ONC)Springfld (ONC)Toowoomba

Units 0 (Mechanical, Industrial Engineer) Band 2

Pre-requisite: MEC3102 or MEC2106 or Students must be enrolled in one of the following Programs: GDNS or MENS or MEPR

This course aims at providing you with practical skills needed in many industrial processes. The course is designed to help you review and apply some of the basics of fluid mechanics and heat transfer to practical situations. You will conduct five tasks through which you will gain practical experience with flow visualization, measuring velocity of fluids (gases or liquids), pressures, forces due to fluids and temperature of a fluid or a solid. You will also learn how to experimentally estimate flow rates in pipes and ducts, head losses in fluid systems, and heat flux in steady and transient thermal systems. You will work as part of a team and will be given the opportunity to lead the team. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students.

MEC3905 MECHATRONIC PRACTICE (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba

Units 0 (Mechanical, Industrial Engineer) Band 2

This course draws together mechanical, electrical, software and interfacing aspects of a mechatronic system through a progressive sequence of design and control experiments. Students will create and analyse a series of hands-on design experiments.

MEC4104 RENEWABLE ENERGY TECHNOLOGY (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Mechanical, Industrial Engineer) Band 2

Pre-requisite: ((MEC2101 and MEC3102) or MEC2106) or Students must be enrolled in one of the following Programs: GCEN or GCNS or GDNS or METC or MENS or MEPR

Students will investigate the wide range of renewable energy resources available to society and how engineers can implement them. Transitioning from fossil fuels to biofuels is an important component because many processes require the output of combustion to function efficiently; the inherent challenges involved are studied. Solar power is so abundant that it could easily satisfy the world's energy needs if storage and transmission challenges are overcome; how solar energy can be used for photo-voltaic or thermal applications is examined. The design considerations for harnessing wind and hydro energy are explored. The key issue of storing renewable energy when there is an over-abundance so that it can be supplied when there is insufficient is studied along with how the energy can be distributed to society. Some of the other forms of renewable energy which an engineer can utilise will also be studied.

MEC4108 ADVANCED THERMOFLUIDS (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Mechanical, Industrial Engineer) Band 2

Pre-requisite: (MEC3107 & ENM2600 & ENG3104) or Students must be enrolled in one of the following Programs: MENS or MEPR or GCNS or GDNS or GEPR Students cannot enrol in MEC4108 if they have successfully completed, or are currently enrolled in, MEC4103

The analysis of thermofluids is based around forces and energy; this is how fluids interact with other fluids and solids as part of their environment. Complex heat transfer behaviour is explored, with its impact on power generation, refrigeration and air conditioning. Multi-dimensional fluid dynamics and the effects of compressibility on fluid flow are examined.

MEC4302 COMPUTATIONAL MECHANICS IN DESIGN (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Mechanical Engineering) Band 2

Pre-requisite: (MEC2304 and MEC2401 and MEC2402) or Students must be enrolled in one of the following Programs: GCEN or METC or MEPR or GCNS or GDNS or MENS

This course will provide students with an understanding of the operation and limitations of computer aided engineering (CAE) and analysis systems, and provide opportunities to develop the basic skills required to operate such systems. Material presented will include brief discussion on the architecture of CAE systems, numerical methods and finite element methods. The advantage of CAE analysis is demonstrated by several engineering assignments that students must complete on a CAE facility throughout the semester. Considerable emphasis is placed on the appropriate use of the finite element method in the design process.

MEC4403 ADVANCED DYNAMICS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Units 1 (Mechanical Engineering) Band 2

Pre-requisite: (MEC2401 and (MAT2500 or ENM2600)) or Students must be enrolled in one of the following Programs: MENS or MEPR or GCNS or GDNS or GEPR

A characteristic of mechanical engineering is that things move. Parts are subject to forces, causing them to accelerate. They impact on each other, the resulting impulses causing changes in momentum. Parts spin and must be balanced while gyroscopic forces operate. Vehicles in space are subject to gravitational fields and propulsive thrusts. Fluctuating forces cause vibrations that can have many modes that must be damped out. The student of this advanced course must develop the ability to analyse all of these. The ability to analyse comes with a cost. Motions, forces, moments and energy are all subject to mathematical equations, many of them of an advanced nature. In grasping the fundamentals, the student will come to grips with differential equations, vectors, operators, matrices and tensors. These skills are built up as understandable solutions to practical engineering problems, illustrated where possible by real-time simulations.

MEC4406 ROBOTICS AND MACHINE VISION (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Units 1 (Mechanical, Industrial Engineer) Band 2

Pre-requisite: MEC2401 or ELE2103 or Students must be enrolled in one of the following Programs: MENS or GCEN

Kinematic methods are taught for the design and analysis of robot manipulators and similar mechanisms. Aspects of control theory cover modelling and synthesis of nonlinear controllers such as the saturating drives demanded for real life actuator systems. The vision syllabus ranges over the variety of image acquisition systems now available, leading on to methods of image analysis. Image filtering and edge detection are compared with more pragmatic methods and examples are taken from research outcomes such as a vision guidance system for agricultural tractors and mobile robot systems.

MEC5100 COMPUTATIONAL FLUID DYNAMICS (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (EnginTech not classified) Band 2

Pre-requisite: MEC3107 or MEC3102 or MEC4108 or MEC5107 or ENV3104 or ENV5104 or Students must be enrolled in the following Program: MEPR

This course covers the theoretical and practical components of the CFD framework to enable the student to simulate real fluid flow problems which are more complex than solved in prior undergraduate courses in fluid mechanics. Students will become fluent in conducting each stage of the process so that they can solve practical problems using advanced analysis. These problems can be simple fluid flow (either liquid or gas), involve heat transfer, chemical reactions and/or multiple phases [i.e. a flow containing a mixture of gas, liquid and solid (normally solid particles)]. Problems which students will analyse will be drawn from cases such as: pipe flows (gaseous or liquid), airflows over vehicles (e.g. cars, trucks and aircraft), wind loading on structures, hydraulic flows (e.g. rivers and water treatment plants), heat exchangers and combustion (e.g. engines and furnaces). Students who wish to simulate combustion cases will have a stronger foundation if they have also completed MEC5105 Combustion; they will also have the opportunity to perform more detailed and accurate combustion simulations if they complete MEC5105 Combustion in the future.

MEC5105 COMBUSTION (FHESC - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Automotive Engineering) Band 2

Pre-requisite: MEC3107 or MEC3102 or MEC4108 or MEC5107 or Students must be enrolled in the following Program: MEPR

This course will provide an overview of the nature of combustion, in cluding the chemical reactions which drive the heat release from the fuel and air (the "reactants") and the fluid mechanics which enable the reactants to interact with the ignition source. Students will analyse how reactants are converted to products in the various types of combustion engines and furnaces. They will then investigate the special nature of liquid and solid fuels. Advanced content will include the application of the knowledge obtained to model or simulate real combustion systems. Students who have also completed MEC5100 Computational Fluid Dynamics will have the opportunity to perform more detailed and accurate simulations.

MEC5107 THERMOFLUIDS (FHESC - PGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Mechanical Engineering) Band 2

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

This course presents the fundamental concepts of fluid behaviour, both under static and dynamic conditions, and deals with heat, work and temperature and their relation to energy and entropy. 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 statics and dynamics of fluid flow, first and second law of thermodynamics, inviscid fluid flow, internal viscous flow and turbomachinery. The course includes practical components which are mandatory, and students cannot complete assignment 2 without attending. Online students can do complete the practical components online (using RAL system), while on-campus students are required to attend the mandatory laboratories to complete the experiments.

MEC5109 AEROSPACE PROPULSION SYSTEMS (FHESC - PGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Aerospace Engineering) Band 2

Pre-requisite: MEC3107 or MEC4108 or MEC5107

This course will present an introduction to aerospace propulsion concepts, explaining the fundamentals of propulsion and different types of propulsive devices. This course teaches the tools required to analyse propulsive systems for design purposes. The emphasis will be on rockets and airbreathing propulsion, and there will be an introduction to space propulsion concepts.

MEC5203 FIBRE REINFORCED COMPOSITES (FHESC - PGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Mechanical Engineering) Band 2

Pre-requisite: (MEC1201 and (ENM2600 or MAT2100) and MEC2402) or Students must be enrolled in one of the following Programs: GCNS or GDNS or MEPR or MENS

This course deals with the general principles, properties and mechanical performance of fibre reinforced polymeric composites under different loading conditions, including their failure. Students will be able to model and optimise the performance of the composites as well as develop skills in common fabrication techniques. They will conduct laminate analysis to design composite laminates with tailored mechanical responses.

MGT1001 CULTIVATING TALENT (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Human Resource Management) Band 7

This introductory course provides you with an overview of how a human resources framework provides a supportive culture for people working in the organisation, i.e., the 'talent', to contribute to core business. You will be exposed to the methods for cultivating the organisation's competitive advantage and sustainable value via the people who work for and within the organisation. You will spend time exploring how the work of HRM specialists intersect with and serve other specialist functions and stakeholder interests. You will examine the strategic linkage between people, culture, and organisational strategy before over-viewing the more typical processes and practices associated with building a talented workforce. Students will also examine how the people responsible for delivering this expertise in the organisation need to reflect ethical and professional standards and the human capabilities required for being an effective contributor to the organisation's architecture. This course uses real world scenarios, reflective practice and critical thinking to identify, solve and evaluate problems, develop evaluation skills and develop professional skills and knowledge.

MGT1101 HUMAN CAPABILITIES FOR BUSINESS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld

Semester 2 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 7

Enrolment is not permitted in MGT1101 if MGT1000 has been previously completed.

This course will discuss the personal human capabilities that drive organisations forward. Concepts covered will include emotional intelligence, ethical business practices, collaboration in teams, communication and conflict resolution, problem-solving, systems thinking, creativity, and developing a professional identity. We will work through these topics at an introductory level, and they will then be embedded and built upon throughout your program of study. We will work in groups and teams to identify solutions for real-world organisational issues. Finally, you will engage in reflective practice to initiate the development of a strong professional identity as a foundation entry in your student portfolio.

MGT2001 RISK MITIGATION, WORK HEALTH AND SAFETY (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

Units 1 (Occupational Health and Safety) Band 2

This course is an important one for future or current managers, business owners and employees generally. Students will learn about the work related risks to individuals and organisations that can arise as a result of not giving sufficient attention to the risks to human health and safety and the environment in which the business operates. This learning includes exploring the links between work health and safety and environmental threats, along with models of accident and incident causation. Central to the course is the concept and application of mitigating risk via risk management and risk management systems, using principles contained in international standards as well as practical methods used in business and government. The legal perspective of the course orientates students to the relevant legal responsibilities of managers and organisations. The course also provides time for students to address matters surrounding bullying, other examples of threats to human and environmental health, and worker rehabilitation. Students will examine the benefits to organisations when all these processes are managed correctly.

MGT2002 PERSPECTIVES OF ORGANISATION (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Units 1 (Organisation Management) Band 7

The content of the course provides the opportunity to apply critical thinking to alternative perspectives of organisation extending beyond the profit-seeking capitalist paradigm which seeks, as a central quest, to maximise shareholder return on investment. Students are introduced to a more advanced range of contextual information surrounding management and organisations, including topics such as philosophical views on the motivation behind organisations, a typology of organisations in which management activities occur, and the historical origins of current management theory. Students will examine how contemporary managers need to draw from a toolkit of skills, actions and behaviours, so that they can operate within organisational environments that typically consist of paradoxes and tensions arising from competing imperatives to compete, collaborate, control and create.

MGT2004 ENHANCING PERFORMANCE (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba

Units 1 (Human Resource Management) Band 7

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 how organisations can design and use talent management initiatives to enhance performance by motivating, developing and rewarding people. Students will have the opportunity to improve their management 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 organisation. This course considers approaches to managing these issues if they arise.

MGT2007 LEADERSHIP (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Organisation Management) Band 7

This course commences with an examination of relevant theoretical and research perspectives on the nature and importance of leadership, after which, a study is made of various types, styles and approaches to leadership. These leadership styles and approaches include charismatic and transformational leadership as well as contingency and situational leadership. The roles, tasks and required attributes of leaders are also explored, as well as the interplay between leadership and a broad range of organisational dynamics. The studying of such themes is contextualised within the shift from the industrial to the knowledge and information era and strategic thinking as an integrating mechanism is therefore also explored. Students have the opportunity to analyse and evaluate contrasting leadership styles to develop their critical thinking and communication skills through academic writing. The course content contains a blend of theory, research and practical perspectives and applications.

MGT2204 BUSINESS ETHICS AND GOVERNANCE (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 7

This course aims to develop students' understanding of the ethical dimensions of managerial decision making and of issues relating to the governance of organisations. Topics include normative and descriptive ethical theories, the capitalist economic environment and its impact on ethical business behaviour, managing ethical behaviour within organizations, as well as ethical issues arising in the contexts of shareholders, workers, consumers and government. It challenges students to think creatively to resolve ethical dilemmas and reflect critically and constructively about how we organise to conduct business activities. This course is specifically designed to promote cultural learning and Werhane's (1998) notion of moral imagination, which is less concerned with whether one has, or sticks to, a set of moral values, but with whether one has a 'sense of the variety of possibilities and moral consequences of their decisions, the ability to imagine a wide range of possible issues, consequences and solutions'.

MGT2303 CULTIVATING EMPLOYEE ENGAGEMENT (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Human Resource Management) Band 7

In this intermediate course, you will learn about the different aspects of employee engagement theory and how much of the work laid down by leaders and human resource experts in the organisation can influence employee engagement. You will explore, for instance, the need for meaningful work, the contribution of the HR value chain, the importance of trust, psychological and cultural safety and risks such as job burnout. You will examine approaches to measuring employee engagement and recommend plans related to managing employee engagement. This course uses scenario based tasks, reflective and reflective thinking, and will engage you in planning communicating suggestions associated with building an engaged workforce.

MGT3001 GLOBAL MANAGEMENT (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Business Mgt not classified) Band 7

This course examines the dynamics and challenges that today's managers face as the worlds of business, work and organisational life become more 'globalised' and culturally diversified. Learning topics have been developed to provide students with theoretical knowledge and skills necessary to operate in the globalised business environment and to develop a global awareness of business realities and challenges faced by today's managers, professionals and technical experts. While the focus of the course is on understanding cultural differences and to comparatively discuss management issues across cultures; cross-cultural communication and intercultural problem solving skills will also be developed in the course. In addition, ethical principles that impact on international business and management will be explored. Whilst there are no pre-requisite courses for MGT3001, it is a third-year level course and students enrolling should

MGT3002 MANAGING CHANGE (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld
Units 1 (Organisation Management) Band 7

Students enrolled in this course are exposed to the theories and concepts of organisational change with an overarching objective of examining the forms change can take, why and how change occurs, and how its complexities can be managed. Students will analyse the range of different dynamics that are in play when change occurs, such as the scale of change and the type of change, which influences decisions about selecting an appropriate change intervention. To this end, students will evaluate the merits of the 'planned approach' to organisational change and various management change interventions. The learning in this course extends to the processes involved in managing change, including the important task of carrying out system diagnostics and dealing with resistance and challenges to change in order to achieve meaningful and timely change. The course is arranged on three tiers, with exploration of change conducted at the individual, group and organisation-wide levels of analysis. Personal adaptation to change features earlier in the course, before the focus shifts to the broader organisation context as the course unfolds. This latter aspect of the course considers examples of organisational change and development interventions which are included to give students skills in applying specific change programs.

MGT3004 CREATIVITY, INNOVATION AND ENTREPRENEURSHIP (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Business Management) Band 7

Students of this course will be introduced to the challenges accompanying the entrepreneurial revolution. Theoretical and practical perspectives pertaining to creative thinking and behaviour are explored, laying the foundation for further learning about the organisational challenges related to innovation. Students are encouraged to search for ways that creative ideas can be channelled into innovative organisational outcomes, such as 'new' value-adding services and/or products as well as other forms of organisational innovation and entrepreneurship such as 'intrapreneurship' (corporate entrepreneur ship). This course helps students to integrate contemporary theory with practice and the 'real world' of entrepreneurship.

MGT3005 WORKFORCE DESIGN (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Human Resource Management) Band 7
Enrolment is not permitted in MGT3005 if MGT2000 has been previously completed.

Talent management is a broad concept that refers to the processes that organisations use to attract, motivate and develop its people, for now and for the future. In this course, students examine how the success of any business rests upon an alliance between talent management, organisational strategy and workforce planning in the contemporary and unpredictable business and social environment. Students will learn initially about HR's responsibility to advise, lead and create a workforce that can meet organisational needs while also offering psychologically rewarding work to the employees. Flowing on from these imperatives, the remainder of the course examines talent acquisition principles, processes and lawful obligations.

MGT3006 EMPLOYMENT RELATIONS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba
Units 1 (Industrial Relations) Band 7
Enrolment is not permitted in MGT3006 if MGT2006 has been previously completed.

Upon the completion of this course, students will be able to comprehend the complexity and critical nature of the industrial environment on the human resource function within the organisation. Employment relations constructs provide the basis of the organisational regulatory environment. The employment relations skills required by business owners, managers and human resource professionals are important for maintaining a sound approach to managing workers and maintaining best practice within the organisation, particularly where meeting industrial regulations is crucial. Through critical examination, students will be able to acquire an in-depth knowledge of this environment which enables them, in practice, to manage the complex and inherently political nature of this environment. Concepts explored in the course include agreement making, the causes of industrial conflict, the role of trade unions and employer associations, IR legislation, negotiation, managing workforce diversity, and recent developments in the organisation of work. It is recommended that students have a developed understanding of basic human resource and organisational behaviour theory prior to commencing this course.

MGT3007 BUILDING INTELLIGENT ORGANISATIONS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Organisation Management) Band 7
Enrolment is not permitted in MGT3007 if MGT2008 and MGT3003 have been previously completed.

This advanced course examines the rise of the knowledge-intensive organisation and its broad relationship to the new demands of the knowledge economy. Key elements of the course consider the nature and purpose of knowledge, knowledge work, and learning within and across organisations. These connections form the basis for having purposeful knowledge management and organisational learning strategies and systems for developing high performance knowledge and learning organisations. The course equips you with skills related to organisation learning through a complex lens of external environmental inputs and internal processes related to learning cycles and learning routines enabling reflection between thought and action. This will help you to move toward a more strategic use of knowledge and learning in organisations. You will work together on a professional project that showcases your ability to examine and provide advice on a relevant knowledge management and (or) organisational learning process.

MGT3010 BUSINESS STRATEGY IN A GLOBAL ENVIRONMENT (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Business Management) Band 7
Enrolment is not permitted in MGT3010 if MGT3002 has been previously completed.

This course provides both a traditional and contemporary study of business strategy by using important traditional analytic tools in the analysis of organisations facing the modern-day challenges of a globalised world. Much of this course will focus on decision making from a strategic management viewpoint and students will develop skills to use a systematic approach to conducting environmental analyses, strategy formulation, strategy implementation and strategy evaluation. The study of business strategy should be seen as the capstone of a professional business education. Since this is an integrative course which draws on prior subject areas, it is advisable that students complete this course in the final year of their study.

MGT3201 ORGANISATIONAL ADMINISTRATION (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Office Studies not elsewhere c) Band 7

Effective administration is a key component of successful and sustainable business. In this course, students will learn the about the ways in which we classify and administer the various roles and aspects of the work conducted within the organisation by exploring the diversity of ideas and approaches to the study of work. This exploration includes the examination of the context of work, the ways in which work is carried out and issues pertinent to the management of work. Students will consider the evolution of administrative management as a contemporary manifestation of scientific management, its historical antecedent. All managers, irrespective of their specialist expertise, need a sound understanding of a range of administrative functions and, since most administrative functions are conducted in doors, an appreciation of the required features of an effective office environment including the virtual workplace. The importance of time management, problem solving ability, efficient workflow and an appreciation of cultural diversity are emphasised throughout the course. Having completed this course, students should be able to plan and organise a range of administrative functions in support of an organisation's operations.

MGT3203 PROJECT MANAGEMENT PROCESSES (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld
Units 1 (Project Management) Band 7
Enrolment is not permitted in MGT3203 if MGT2203 has been previously completed.

The course provides an overview, through the use of problem-based learning, of the two dominant methodologies for managing project work: agile and waterfall. These two methodologies vary in their underlying principles, iterative versus incremental, and have distinct toolsets. In this course students explore the strengths and weaknesses of both methodologies to determine the situations in which they are best applied. The course also equips students to appreciate the similarities and differences between the methodologies and how hybrid approaches may operate in practice. For both the agile and waterfall methodologies they will develop, through group learning, skills in applying the foundational concepts and tools to real-world problems.

MGT3303 THE EQUIPPED GRADUATE (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld
Units 1 (Business Mgt not classified) Band 7
Pre-requisite: Students must have completed a minimum of 16 units prior to enrolling in this course

In this Capstone course, we will leverage the personal capabilities that we have developed over this program of study to drive an organisation forward. We will display skills and competencies in emotional intelligence, ethical business practices, collaboration in teams, communication and conflict resolution, problem solving, and creativity to resolve an organisational issue or exploit a new opportunity. We will build on the suite of skills and experiences you have gained throughout the program and work in consultative teams to add value to an organisation via a real world project. At the culmination of the project, you will engage in reflective practice to develop your personal value proposition (PVP) in your student portfolio as you move into the next phase of your career post-graduation.

MGT5000 MANAGING ORGANISATIONAL BEHAVIOUR (FBELA - PGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba
Units 1 (Organisation Management) Band 7

All students undertaking graduate studies in Business need to appreciate and understand the nature of organisational behaviour. They should also be able to articulate behavioural issues in business situations. This course provides a framework in which students are exposed to a range of theories and experiences within the field of organisational behaviour which will allow them to further develop insights, attitudes and skills to a level consistent with the expectations for senior management. The course aims to provide an understanding of the behaviour of people at work. It analyses behaviour at the individual, group and organisational levels. Managers must understand the complex interactions that influence the effectiveness of different management strategies and organisational structures under different environmental and technological conditions. As well as reviewing the current theories and research in the area, the course uses case studies to examine the implications for practising managers.

MGT5100 HARNESSING HUMAN CAPABILITIES FOR THE FUTURE OF WORK (FBELA - PGRD)

Units 1 (Business Mgt not classified) Band 7
Enrolment is not permitted in MGT5100 if MGT5000 has been previously completed.

In this introductory course, we will discuss the personal, human capabilities that all professionals within organisations need to exhibit to drive both their professional careers and their organisations forward. Concepts covered will include emotional intelligence, ethical business practices and research, collaboration in teams, communication and conflict resolution, problem solving, systems thinking, creativity, and developing a professional identity. The capabilities covered in this course will be reinforced as you journey through the remainder of your study program. As part of this course, you will work collaboratively with others to identify solutions for real world organisational issues. You will engage in reflective practice to consolidate your personal value proposition as a professional within your area of practice and industry that you serve.

MGT5101 ADAPTIVE LEADERSHIP (FBELA - PGRD)

Units 1 (Business Mgt not classified) Band 7

This introductory course covers multiple leadership themes including adaptation versus exploration knowledge, authentic and collective leadership plus team-based and other organisational leadership styles. The aim of the course is to help learners develop their individual adaptive leadership capability by enabling them to change their leadership approach to suit changing organisational contexts. Here, we discuss why different organisational leadership scenarios require more individual and adaptive team responses. You will acquire critical skills related to 'doing' leadership as distinct from learning 'about' leadership. You will also examine how to solve organisational leadership issues across national and international contexts and be able to communicate leadership changes to key stakeholders. The course requires you to record the events, experiences, and observations of adaptive leaders. Moreover, you will have the chance to apply problem solving skills to scenario-based tasks, and to communicate your thoughts and feelings by reflecting on a range of leadership events.

MGT5102 STRATEGY, INNOVATION AND BUSINESS RESEARCH (FBELA - PGRD)

Units 1 (Business Mgt not classified) Band 7

In this introductory course, we define and explain how ambidextrous strategy supports organisations to survive in fast-paced competitive environments. We explore the different types of adaptive challenges organisations face and how to respond to them. Next, we investigate why strategic ambidexterity is important within the context of adaptive capacity such as the ability of an organisation to acquire knowledge and share it. Time to practice researching and responding to different ambidextrous states by developing skills related to internal and external innovation will take place. For instance, you will be able to develop an absorptive capacity checklist and measure this against an organisation's ambidextrous current state to determine the gaps. You will be able to interpret an organisation's ability to learn such as matching different kinds of digital technologies to ambidextrous outcomes. The course requires you to record your findings by diarising learning events, apply business research and problem solving skills to scenario-based tasks, and to communicate your thoughts and feelings by reflecting on ambidextrous events.

MGT5103 TALENT STRATEGY (FBELA - PGRD)

Units 1 (Human Resource Management) Band 7

The overarching focus of the introductory course is to examine how the people component (i.e., human resources) positively contribute to core business and how this function intersects and serves the needs of other functional areas and stakeholders within the organisation. People are continually impacted by the turbulent external and internal environments and technological change, and for HR leader ship these challenges are particularly relevant. Therefore, you will explore and evaluate the impacts of digitalisation on HR. You will identify the external and internal environmental forces shaping the organisation's people philosophy and talent strategy and analyse how these dynamics feed into the process and practices associated with building a talented workforce. You will also explore how the people responsible for delivering this expertise in the organisation need to reflect cultural competence, ethical and professional standards and the human capabilities required for being an effective contributor to the organisation's architecture. This course uses scenarios, case studies and reflective approaches to analyse current issues and challenges and to develop evaluation skills, professional skills and knowledge.

MGT6002 ORGANISATIONAL PROJECT MANAGEMENT FUTURES (FBELA - PGRD)

Units 1 (Project Management) Band 7

Enrolment is not permitted in MGT6002 if MGT8022 has been previously completed.

Whether you are working at the project, program or portfolio level, the aim of this course is to help you determine the high-level framework and structures necessary to manage project work. You will draw on contemporary research as a lens to explore how high-level frameworks and structures can be leveraged to best support the organisation of project work in your industry context and make clear and justified recommendations. You will make your judgements regarding suitable frameworks and structures with reference to the operational work that occurs in parallel with project work, the complexities inherent in organisational life, and the expectation that a sustainable and resilient approach to work is cultivated. This course provides the foundations for exploring projects, programs, and portfolios.

MGT6133 LEADING ORGANISATIONAL CHANGE (FBELA - PGRD)

Units 1 (Organisation Management) Band 7

Enrolment is not permitted in MGT6133 if MGT8033 has been previously completed.

In this course, you will cover the planned approach to change and be introduced to ideas related to meta-models of change. You will also develop skills in designing change interventions which are used as a solution for implementing change. The course seeks to explore both learning and change, given that there are reciprocal relationships between thinking, behaviour and action. Change must be carefully researched, planned, linked to broader organisational goals and strategies, and involve key systems and processes. You will learn in the course why change is about context, how context is (re)produced daily providing the basis by which people learn. This course uses research and case studies to identify, evaluate and make decisions in relation to change management techniques.

MGT6147 THE LEADER'S MIND (FBELA - PGRD)

Units 1 (Organisation Management) Band 7

Enrolment is not permitted in MGT6147 if MGT8047 has been previously completed.

In this course, you will discover the differences between self-assessment and self-awareness. You will learn a range of advanced cognitive strategies designed to overcome the typical neural functions of the brain that limit the effectiveness of individual decision making. Here, you will gain advanced knowledge about brain functions and how to identify when different thoughts, feeling, and emotions take over the executive decision-making function of the brain. Moreover, you will learn different cognitive strategies related to self, team, and organisation and why a leader's actions and decisions depend on their ability to identify their cognitive limitations as well as their cognitive potential. You will be able to practice different cognitive strategies that help to develop more proactive and benevolent decision outcomes by identifying narcissistic, egoistic, and self-serving behaviour. You will be asked to deconstruct the assumptions and worldviews you bring to work, to critically reflect on the cognitive strategies you have employed in the past to solve workplace problems, and to collaborate to develop a response to a leadership problem that invokes mindful solutions on the part of leaders.

MGT6606 THE READY BUSINESS PROFESSIONAL (FBELA - PGRD)

Units 1 (Business Mgt not classified) Band 7

You will be required to undertake research into a real-world business project that involves addressing real problems and needs for an industry or community organisation. Subject to enrolment numbers, you will collaborate to research and present advice regarding an organisational business problem. Once your team has been assigned their business problem, you will collaborate to review the literature, engage with relevant organisational stakeholders to undertake preliminary fact-finding necessary to develop and recommend ethical and sustainable solution(s) that demonstrate specialist knowledge. This project work has a concurrent reflective practice component requiring you to autonomously reflect on your cognitions and experiences post the collaborative project as evidence of a growth mindset associated with your professional practice.

MGT8006 INCLUSIVE WORKPLACES (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Human Resource Management) Band 7

This course sets the scene by exploring concepts of diversity as they relate to inclusion strategies within organisations. Cases and examples exploring inclusion best practice are examined. Students are encouraged to reflect on their personal understandings of inclusion, and explore the changing face of diversity and inclusion within organisations. Students will explore the importance of successful and seamless inclusion as an outcome of diversity management. This is achieved through the development of insight into individual and group aspects of diversity, participants will reflect on their values, context and practice as these relate to the workforce diversity and inclusion literature and practice.

MGT8022 PROJECT-BASED MANAGEMENT (FBELA - PGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfield (ONC)Springfield

Semester 3 (ONL)Toowoomba

Units 1 (Project Management) Band 7

The course examines what differentiates project work from operational work and the implications for management. It explores the concepts and relationships between project, programme and portfolio management and the use of waterfall versus agile project management approaches. Project governance, managing executive stakeholders and leading teams, and project management maturity frameworks are also examined.

MGT8030 PERFORMANCE MANAGEMENT AND PEOPLE DEVELOPMENT (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Human Resource Management) Band 7

It is the responsibility of managers and leaders of organisations to ensure the full potential and talent locked up in the organisation's human resources are utilised and developed. It is only through skills and competencies enhancement that organisations are able to compete, survive and be successful in an increasingly volatile and uncertain business environment. This requires a professional approach to the management of work performance and to the continuous development of staff. Through a strategic approach to performance management and people development organisations not only develop people, but the organisation as a whole. The underlying philosophy is therefore that through effective performance management and the concomitant development of human resources, organisations are more able to compete and be successful in a sustainable way. This course deals with issues that relate to how the strategic performance targets of organisations can be supported and achieved through managing the performance of staff and the continuous development of employees as individuals as well as groups. The main focus is on learning experiences and interventions that are intended to change and improve the behaviour and performance of the members of organisations in order to bring about improved organisational performance.

MGT8031 GLOBAL ISSUES IN EMPLOYMENT RELATIONS (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Industrial Relations) Band 7

The relations between 'employers' (and managers as their 'agents' in the workplace) and workers (or non-managerial employees mainly) throughout the world have faced enormous pressures arising from changes related to things like the increasingly global nature of work, increased domestic and international competition and other political and socio-economic pressures specific to different countries. Amongst others, organisations are pressured into becoming increasingly more flexible, efficient and productive. This course will assist students in developing an understanding of the complexity of these relations by putting it into an appropriate contextual setting, and by focusing on several critical issues surrounding the management of work and working people in the global workforce. The course adopts a critical perspective on a range of issues arising from employment relations and the broader socio-economic and political contexts within which these develop. The course considers, from an analytical and critical angle, aspects that relate to various concepts and themes such as human resource management, employee participation, trade unionism and empowerment. Apart from the global emphasis there are also specific international comparative perspectives woven into the course.

MGT8033 LEADING ORGANISATIONAL CHANGE (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Springfield (ONC)Springfield

Units 1 (Organisation Management) Band 7

This course is a core foundational unit in the MBA and consists of many high level concepts. The material covers the planned approach to change and introduces ideas related to meta-models of change. The latter are ways of thinking about change, both from a life-cycle approach, a systems approach and a situational approach which is often called 'situated learning' within the organizational learning literature. We take you on a journey of discovery here by first exploring how the various meta-models establish ways of thinking about and implementing change. We next examine interventions of change. Interventions are used as a solution for implementing change approaches. So if a CEO or a GM decides that a hard change approach is required such as restructuring the organization, interventions can be used to help her achieve various process milestones. The course seeks to explore both learning and change given that there are reciprocal relationships between thinking, behaviour and action. Change processes do not just happen. They have to be carefully planned out, linked to broader organizational goals and strategies and involve key systems and processes. We will learn in the course why change is about context, how context is (re)produced on a daily basis providing the basis by which people learn. But we will also learn how to challenge the context through change and learning.

MGT8034 STRATEGIC MANAGEMENT OF HUMAN RESOURCES AND INNOVATION (FBELA - PGRD)

Semester 3 (ONL)Toowoomba

Units 1 (Organisation Management) Band 7

This course is an advanced study of strategic human resource management (SHRM). The course is designed to not only provide students with knowledge but to relate knowledge to practice specifically relating to the diagnosis and development of contemporary HRM strategy. HRM strategy influences the emergence of workplace culture aligned to the corporate plan. Emphasis is also directed to exploring a range of strategies to build the dynamic capability and the adaptive capacity of the workforce. Accordingly, this course adopts a resource-based view of strategy as a basis to formulate complementary HRM policies, programs and practices such as HR planning, job design, talent management, and managing diversity, inclusion and well-being. The application of HRM analytics to identify emerging workforce trends and to measure the effectiveness of strategy is also examined. As the course navigates its way through various HR theoretical frameworks students are encouraged to view SHRM in an international context. The course is designed to develop problem solving and critical reflection skills to help students solve complex organisational problems across different contexts.

MGT8037 LEADING TEAMS TO SUCCESS (FBELA - PGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Organisation Management) Band 7

This course critically examines the changing nature of teams within organisations through past and present perspectives on team leadership. The course pays specific attention to leading diverse and cross-functional teams addressing the specific complexities and challenges of these through critical review, activities and case studies. More contemporary issues such as the emergence of virtual teams and shared leadership allows participants to challenge their thinking and anticipate future leadership trends. This course takes an innovative approach to developing and assessing participants' overall team leadership skills through the lens of the 'soft' skills that lead to improved collaboration, communication and problem-solving. As these 'soft' skills are not as readily apparent or measurable as other more technical skills, participants gain not only skills but also credentials to support their leadership goals. It is envisaged that this approach to the team will augment other leadership approaches offered across the program of study.

MGT8038 LEADERSHIP DEVELOPMENT (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Organisation Management) Band 7

While this course focuses on dyadic relationships, students will learn about their own leadership style and how these can be adapted to help meet the overall goals of the work institution. The course is a journey of narratives about what contemporary leaders have learned from past leadership approaches. For instance, the transformational leader style is grounded firmly in a behavioural and inspirational approach to developing people at work. The course introduces multiple contexts in which leadership skills can be practiced. For example, in highly discontinuous environments, we will learn that a fixed style may not be flexible enough to forge change that requires more adaptive leader skills. Similarly, within a context where the culture and organisation code reflects many competing interests and power plays, we will learn that the dyadic relationship is less about a transformational approach and more about an authentic and servant leader interaction. Students will focus on the value of coaching and building personal relationships such that mentoring is part of being an authentic leader. Taken together, the leadership skills learned will be invaluable for dealing with multiple and changing environments. It is envisaged that the approach on the individual will augment other leadership approaches offered across the program of study such as team and strategic leadership.

MGT8039 STRATEGIC LEADERSHIP (FBELA - PGRD)

Semester 3 (ONL)Toowoomba

Units 1 (Organisation Management) Band 7

Top-level managers guide organisations in ways that result in sustainable performance that is optimally beneficial to all its stakeholders. The primary responsibility for thinking and acting strategically rests with the top leadership echelons from the smallest to the largest multinational conglomerate corporation as well as to other types of organisations (such as in the public sector). Organisational leaders most likely include chief executive officers, managing directors and other members of boards of directors and general managers; collectively, these managers play a role in top management teams. Leaders usually have responsibilities and accountabilities that cannot be delegated. As such they have to make decisions that affect the direction and success of the organisation. Leaders require superior levels of holistic, conceptual and strategic thinking abilities. Top management positions carry with them inherently risky outcomes often resulting in 'fallen idols' and rejection by the Board of Directors. Top-level leaders are expected to lead organisations through continuous strategic renewal and transformational change; their responsibilities extend to transforming the organisation to become 'high-performing' and 'world-class.' As a result, leaders are required to add value to stakeholder interests in a balanced way. This course is aimed at addressing the complexity of strategic leadership and application of leadership principles in practice. Other issues covered in the course include corporate governance, top management team dynamics, ethical practices, strategic performance management, knowledge management, organisational culture and strategic change.

MGT8040 ENTREPRENEURSHIP, INNOVATION AND CREATIVITY (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Business Management) Band 7

The course provides entrepreneurs and entrepreneurial leaders with the opportunity to explore the nature and challenge of entrepreneurial work and specifically aims at putting into place the initial building blocks for coming to better grips with the exciting and increasingly prominent field of theory and practice related to creativity, innovation and entrepreneurship. Participants develop their own capacity to be creative and show how creativity can be put to work in organisational contexts. The nexus between creativity and innovation is considered and what innovation means and entails and where it comes from. Finally, participants are exposed to a number of managerial leadership challenges including the different ways or options of going into business, how to do market research, analyse entrepreneurial opportunities, how to draft a business plan, how to finance new and growing entrepreneurial ventures and their legal considerations.

MGT8043 CONTEMPORARY HRM ISSUES FOR MANAGERS (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Human Resource Management) Band 7

This course has relevance to students enrolled in any program of study leading to employment in roles where they are expected to lead, manage, and/or supervise people, or who are already performing such roles in their careers. The aim of this course is to develop the student's inquiry and problem-solving skills and improve their use of persuasive written and oral communication techniques. Students will engage in self-directed learning and independent desktop-based research in order to distinguish and examine, in detail, a contemporary or emergent HRM issue or issues relevant to their current role, or future role, in managing people. The selected issue(s) will be evaluated in relation to current HRM approaches and for their ethical implications for the organisation and/or on their professional ethics as a HRM practitioner or manager/leader generally. Students can expect to analyse and persuasively recommend solutions to identified HRM issues through the submission of written and oral presentations. Students with prior knowledge and/or experience in dealing with HRM-related issues in their work are assumed to have the foundation knowledge for this course. Students without prior HRM exposure, or those who wish to refresh their HRM knowledge, will be provided the option to pursue further reading about HRM practice as an additional aspect of their self-directed learning in this course.

MGT8047 THE LEADER'S MIND (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 7

'The Leader's Mind' is a course about self-discovery, how to mindfully-lead yourself including the concept of selflessness and getting out of the way of your people and how to develop compassion, self-confidence and humility. Students will explore the value of self-awareness as distinct from self-assessment, and learn about the difference between passion-bias versus inclusiveness. Students will be exposed to several 'awareness training' methods through which they should learn to know more about the 'self' - what one thinks and why, what one feels and why - and discover what things are consciously considered as important, and why. Importantly, students should learn about the real consequences of leader actions when the leader is not present, has their own agenda, does not focus, is less self-aware, and becomes less effective as a result. When a leader is constantly distracted, they will not be present in leader-led activities such as committees and meetings. In this course, students should acquire new cognitive and behavioural skills that enable them to increase their focus, avoid action for the sake of action, create focused time, and apply a range of ethical practices. They should also learn that many barriers exist to selfless leadership that need to be overcome before becoming an effective leader. Students will be required to work with the cooperation of their supervisor at work and to engage in peer mentoring. Decisions made in relation to mindfulness activities are a matter of reflection. Finally, they should be able to measure their own leadership archetype so that they can match self-assessment with self-awareness.

MGT8049 BUILDING AN ENGAGED WORKFORCE (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Business Mgt not classified) Band 7

In this course, students will learn about the different aspects of employee engagement theory, in particular, job design, job satisfaction, employee support, psychological safety, job burnout and trust and respect among others. Students will need to acquire a solid body of knowledge in relation to the theoretical background that helps to explain how organisations can best engage their workers and to keep them interested and motivated at work. For instance, students will learn how to align organisational strategy with HR engagement activities. Students however will need to practise a series of work engagement activities designed to help them synthesise between the different approaches, how they can be applied, why one methodology works better than another, why workers become disengaged and what the overall effect of disengaged workers has on organisation productivity. Students will therefore acquire different knowledge and creative skills to be able to evaluate complex ideas and concepts at an abstract level while at the same time be able to interpret theoretical propositions, methodologies, conclusions and professional decisions related to managing employee engagement.

MGT8073 PROJECT PROCESSES AND SYSTEMS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Project Management) Band 7

Enrolment is not permitted in MGT8073 if MGT8025 has been previously completed.

In this course students will learn about project processes, business processes and the relationships between them. Project plan development, project control and project lifecycle development will also be covered. Complex systems and systems thinking approach for project management will be examined in detail.

MGT8074 PROJECT TEAM LEADERSHIP (FBELA - PGRD)

Semester 2 (ONC)Springfld (ONL)Toowoomba (ONC)Springfld

Units 1 (Project Management) Band 7

Enrolment is not permitted in MGT8074 if MGT8027 has been previously completed.

This course examines the role of the project manager and her/his emerging role as a leader and advisor within the project organisation setting. The course covers common practices underlying the structure and design of the modern project focused organisation to harness the power of individuals and teams to build organisational ability around project work. It requires students to undertake part of their learning activities in a team-based environment to highlight the challenges of team membership and team leadership. It examines the role of the project manager as leader of project teams and relationship builder. It also addresses the role of projects in corporate society and examines the socio-cultural challenges that arise.

MGT8075 PROJECT DELIVERY (FBELA - PGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Project Management) Band 7

Enrolment is not permitted in MGT8075 if MGT8028 has been previously completed.

This course examines the critical stages and methods related to project delivery. It will examine various aspects of the procurement process which is vital to harness internal and external resources for successful project completion. Contract management and other legal aspects of project management will also be covered in detail.

MGT8076 PROJECT-BASED CHANGE MANAGEMENT (FBELA - PGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Project Management) Band 7

Project-based methods can be used to enable organisations to adapt. This course examines how change management theory can be incorporated into a project-based methodology to guide the change process, and to ensure achievement of the desired project outcomes (benefits). This includes methods that assist in managing the impact to the organisation and individuals. The course demonstrates why the evaluation of the project outcomes is required to ensure that the intended benefits have been achieved. The course also addresses the management of changes to project baselines.

MGT8077 PROJECT RISK MANAGEMENT (FBELA - PGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Project Management) Band 7

Enrolment is not permitted in MGT8077 if MGT8024 has been previously completed.

This course examines the methods of understanding and identifying various risks involved in a project. It will then introduce tools and techniques to analyse, estimate and prioritise risks. Appropriate risk response skills will then be developed.

MGT8078 PORTFOLIO, PROGRAM AND BENEFITS MANAGEMENT (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Project Management) Band 7

Enrolment is not permitted in MGT8078 if MGT8021 has been previously completed.

This course shows how a project or program develops out of the business lifecycle and also feeds into that lifecycle. This course provides participants with an advanced understanding of a body of knowledge in regard to portfolio and program management as applied in professional practice. It also details contemporary program and portfolio management approaches and practically relates them to organisational dynamics and project benefits realization.

MGT8079 PROJECT MANAGEMENT RESEARCH PROJECT (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Project Management) Band 7

This capstone course will call on the student to synthesise their learning throughout their program of study in a holistic way, and focus it in the context of a selected and contemporary project which enables them to explore key aspects of their areas of interest/specialisation. Students will develop appropriate research skills and specialist knowledge which will enhance their career prospects and prepare them for an evidence-based practice approach to their profession. This course explores complex organisational project concepts and applies them in a global context. It discusses how information from academic and professional sources can be used to critically analyse complex issues. It covers how to communicate information clearly and fluently for appropriate project stakeholders, and how to design and execute a substantial research-based approach to solving project design and delivery problems.

MHN5120 ADVANCED MENTAL HEALTH NURSING 1 (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Mental Health Nursing) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BHEH or MOHH or GDHH or MNSG or GDNG or GCNG

This course has two modules. The first introduces students to complementary theoretical perspectives used in mental health nursing including Peplau's theory of interpersonal relationships, the behaviourist perspective, the cognitive approach, the psychoanalytic perspective, and the humanist perspective. Students will apply these theories directly to practice. The second module of this course will relate these theories to enhance mental health nurses' knowledge of mental illnesses.

MHN5160 ADVANCED MENTAL HEALTH NURSING 2 (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Mental Health Nursing) Band 1

This course builds on learning about theoretical perspectives, the National Practice Standards for the Mental Health workforce and the ACMHN Standards of Practice for Australian Mental Health Nurses 2010 in other courses. 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 are explored. Students will learn to critically evaluate alternative, holistic and empowering approaches to the care of clients from across the lifespan in a range of settings including community, rehabilitation, acute inpatient and specialty areas, with an emphasis on inter-cultural care. Students will have the opportunity to apply knowledge and develop the related skills and attitudes appropriate when working with a person with a mental illness utilising previously learned theoretical perspectives and standards of practice.

MID1101 CONTEXTS OF PROFESSIONAL MIDWIFERY PRACTICE (FHESC - UGRD)

Units 1 (Midwifery) Band 1

Pre-requisite: Students must be enrolled in the following Program: BMID Pre-requisite or Co-requisite: MID2102 and MID1199 Co-requisite: MID1299

This course aims to provide foundational knowledge in order to develop a midwifery philosophy and begin to practice as a primary carer. 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 expand their knowledge of evidence-based practice to include the discipline of midwifery in order to enhance clinical decision making. This course also addresses content specific to professional issues aligned with international, national, regional and remote practice. The course will provide students with an awareness of relevant midwifery practice and content surrounding ongoing professional development, Medicare eligibility and sustaining midwifery practice.

MID1199 MIDWIFERY PROFESSIONAL PRACTICE 1 (FHESC - UGRD)

Units 2 (Midwifery) Band 1

Pre-requisite: Students must be enrolled in the following Program: BMID Co-requisite: MID2102 and MID2201

This clinical practice course enables students to develop beginning clinical midwifery skills and practices related to antenatal assessment, foetal growth and wellbeing, practical examination, history taking, monitoring of the unborn baby and breastfeeding. The course has a significant focus on the development of skills for the student to monitor maternal wellbeing, progression of pregnancy and antenatal screening and antenatal monitoring and breastfeeding skills.

MID1299 MIDWIFERY PROFESSIONAL PRACTICE 2 (FHESC - UGRD)

Units 2 (Midwifery) Band 1

Pre-requisite: Students must be enrolled in the following Program: BMID Co-requisite: MID1101 and MID2202

This course enables students to provide midwifery care as a primary carer to strengthen midwifery skills when supporting women and their families during labour and birth. In this course students will demonstrate assessment skills, critical thinking, reflection and the ability to prioritise labour and birth care within a woman-centred partnership model of care. Students will further develop clinical skills in providing non-pharmaceutical, physiological and psychological labour support. Students will also employ a holistic approach to assessment and management of women in relation to induction of labour and of epidural analgesia. Students will demonstrate ability to perform and interpret the use of cardiotocograph during labour, midwifery labour assessments skills and care of a woman as she progresses through labour. This course will also enable the student to develop skills to care for the infant at birth and assess maternal and infant wellbeing following birth. The student will apply knowledge and critical thinking to assist in initiating breastfeeding, sampling of blood from the infant and administration of an injection to the infant.

MID2101 PROFESSIONAL, POLITICAL, LEGAL AND ETHICAL CONTEXTS OF MIDWIFERY (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Midwifery) Band 1

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

This course aims to provide foundational knowledge in order to develop a midwifery philosophy and begin to practice as a primary carer. 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 expand their knowledge of evidence based practice to include the discipline of midwifery in order to enhance clinical decision making.

MID2102 FOUNDATIONS FOR MIDWIFERY PRACTICE (FHESC - UGRD)

Units 1 (Midwifery) Band 1

Pre-requisite: Students must be enrolled in the following Program: BMID Co-requisite: MID1199

This course aims to provide the student with foundational knowledge of the anatomy and physiology of maternal, fetal and placental development in conjunction with the changes to the reproductive system. Content will assist students to recognise 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 normal physiological labour and birth care and care during the postnatal period. There will be an introduction to content associated with the neonate such as examination of the newborn, infant feeding, and provide a foundation prior to and in association with undertaking a midwifery placement. This course contains a mandatory residential school.

MID2199 MIDWIFERY PRACTICE 1 (FHESC - UGRD)

Semester 1 (EXT)Toowoomba

Units 1 (Midwifery) Band 1

Pre-requisite: Students must be enrolled in the following Program: BMID Co-requisite: MID2102

This clinical practice course enables students to develop beginning clinical midwifery skills and practices related to antenatal assessment, foetal growth and wellbeing, practical examination and history taking. The course has a significant focus on the development of skills for the student to monitor maternal wellbeing, progression of pregnancy and antenatal screening and diagnostic skills. Students will also develop skills in providing child birth education for the woman and her family. Finally, this course will introduce students to the concepts of reflective practice and life-long learning.

MID2201 DEVELOPING THE MIDWIFE PRACTITIONER (FHESC - UGRD)

Units 1 (Midwifery) Band 1

Pre-requisite: MID2102 Co-requisite: MID1199

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 MID2102 Foundations for Midwifery Practice and builds on uncomplicated midwifery care with the care of women requiring additional care during introduction 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 (VBAC) in relation to physiological and psychological contexts. There is a focus on pharmaceutical and non-pharmaceutical therapies for pain management during labour and potential implications on the infant. This course will combine early parenting skills with infant feeding strategies to enable students to provide best practice in supporting women. This course has a mandatory residential school.

MID2202 ABORIGINAL AND TORRES STRAIT ISLANDER: HEALTH AND CULTURAL PRACTICES FOR THE MIDWIFE (FHESC - UGRD)

Units 1 (Midwifery) Band 1

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

This course aims to provide the student with the knowledge and skills to be able to identify and explore Aboriginal and Torres Strait Islander people history, identity, health, wellness and culture. Students will be able to identify inequalities in the health status of individuals and their families. They will gain an understanding of the maternity care needs of Aboriginal and Torres Strait Islander women and their families and to ensure that midwifery care is culturally safe. They will learn about, and respect, customary law. They will further develop their knowledge and skills to work with people from cultures other than their own. The principles of Primary Health Care will be included in the strategies for care to enable women and their families to have access to affordable, equitable and appropriate midwifery care. Inter cultural interactions are examined and strategies discussed for positive interactions to be developed.

MID2299 MIDWIFERY PRACTICE 2 (FHESC - UGRD)

Semester 1 (EXT)Toowoomba

Semester 2 (EXT)Toowoomba

Units 1 (Midwifery) Band 1

Pre-requisite or Co-requisite: MID2199

This clinical practice course enables students to develop beginning clinical midwifery skills and practices related to practical examination, monitoring of the unborn baby and breastfeeding. The course has a significant focus on the development of skills for the student to monitor maternal wellbeing, progression of pregnancy and antenatal monitoring and breastfeeding skills. Students will also develop skills in providing child birth education for the woman and her family. Finally, this course will introduce students to the concepts of reflective practice and life-long learning.

MID2399 MIDWIFERY PRACTICE 3 (FHESC - UGRD)

Units 1 (Midwifery) Band 1

Pre-requisite: MID2199 and MID2299

This course enables students to provide midwifery care as a primary carer to strengthen midwifery skills when supporting women and their families during labour and birth. In this course students will demonstrate assessment skills, critical thinking, reflection and the ability to prioritise labour and birth care within a woman-centred partnership model of care. Students will further develop clinical skills in providing non-pharmaceutical, physiological and psychological labour support. Students will demonstrate ability to perform and interpret the use of cardiotocograph during labour, midwifery labour assessments skills and care of a woman as she progresses through labour.

MID2499 MIDWIFERY PRACTICE 4 (FHESC - UGRD)

Units 1 (Midwifery) Band 1

Pre-requisite or Co-requisite: MID2399

This course enables students to apply the concepts of holistic and theoretical analysis to provide professional and competent skills to women as they progress during labour. Students will employ a holistic approach to assessment and management of women in relation to induction of labour and of epidural analgesia. This course will enable the student to develop skills to care for the infant at birth and assess maternal and infant wellbeing following birth. The student will apply knowledge and critical thinking to assist in initiating breastfeeding, sampling of blood from the infant and administration of an injection to the infant.

MID2599 MIDWIFERY PROFESSIONAL PRACTICE 3 (FHESC - UGRD)

Units 2 (Midwifery) Band 1

Pre-requisite: Students must be enrolled in the following Program: BMID Co-requisite: MID3101 and MID3202

The student will apply knowledge and critical thinking to assist supporting women and babies during more challenging situations. This course enables students to apply the concepts of holistic and theoretical analysis to provide professional and competent skills to women who have increased needs during labour. Students will employ a holistic approach to assessment and management of women in relation to challenging situations that require intensive midwifery labour surveillance. This course will enable the student to develop skills to care for the woman who has a caesarean section, and assessment and management when examining well babies and babies who are unwell and require oxygen therapy and enteral or tube feeding. This course will also enable the student to develop skills to care for the mother and baby when the baby is receiving phototherapy.

MID2699 MIDWIFERY PROFESSIONAL PRACTICE 4 (FHESC - UGRD)

Units 2 (Midwifery) Band 1

Pre-requisite: Students must be enrolled in the following Program: BMID Pre-requisite or Co-requisite: MID2599 Co-requisite: MID3102 and MID3211

This course enables students to apply the concepts of holistic and theoretical analysis to provide professional and competent skills to women and their families and babies in a continuity of care model. Students will employ a holistic approach to assessment, and the management and evaluation of care provided to women. The course employs a holistic approach to assessment and management as students extend their prior learning by applying knowledge to continuity of care and quality pharmacokinetics and pharmacodynamics. This course will facilitate the development of students' personal and therapeutic communication 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.

MID3101 MIDWIFERY CHALLENGES 1 - MATERNAL (FHESC - UGRD)

Units 1 (Midwifery) Band 1

Pre-requisite: MID1101 and MID2201 and MID2202 and MID1299
Co-requisite: MID2599

This course aims to provide the student with an understanding of the challenges associated with childbearing such as infertility, chronic illness, substance abuse, obesity, trauma and hypertension in pregnancy. Content also addresses complications related to birth such as breech, shoulder dystocia, maternal collapse, haemorrhage and malpresentation. Cultural aspects that can have an impact of child bearing, birth and the postnatal period are also addressed. This course contains a mandatory residential school.

MID3102 MIDWIFERY CHALLENGES 2 - NEONATAL (FHESC - UGRD)

Units 1 (Midwifery) Band 1

Pre-requisite: MID3101 Pre-requisite or Co-requisite: MID2599
Co-requisite: MID2699

This course aims to provide the student with the knowledge and skills to assist women who experiences breastfeeding challenges. Content will address the numerous variations that can occur pre or post birth such as congenital abnormalities, facial, neural tube and genitourinary defects, and respiratory and cardiac anomalies. Support and treatment modalities will be explored in terms of surgical intervention, and relevant physical strategies, support groups and national and international organisations. This course contains a mandatory residential school.

MID3199 MIDWIFERY PRACTICE 5 (FHESC - UGRD)

Units 1 (Midwifery) Band 1

Pre-requisite: MID2399 and MID2499

This course enables students to apply the concepts of holistic and theoretical analysis to provide professional and competent skills to women who have increased needs during labour. Students will employ a holistic approach to assessment and management of women in relation to challenging situations that require intensive midwifery labour surveillance. This course will enable the student to develop skills to care for the woman who has a caesarean section. The student will apply knowledge and critical thinking to assist supporting women and babies during more challenging situations.

MID3201 PREPARATION FOR AUTONOMOUS MIDWIFERY PRACTICE (FHESC - UGRD)

Units 1 (Midwifery) Band 1

Pre-requisite: MID3101 and MID3102

This course addresses content specific to professional issues aligned with international, national, regional and remote practice. The course will provide students with an awareness of relevant midwifery practice and content surrounding ongoing professional development, Medicare eligibility and sustaining midwifery practice. Finally, higher level practice skills will be introduced and examined to facilitate autonomous midwifery practice.

MID3202 FAMILY HEALTH AND MENTAL WELLBEING IN MIDWIFERY PRACTICE (FHESC - UGRD)

Units 1 (Midwifery) Band 1

Pre-requisite: MID3101 and MID3102 Pre-requisite or Co-requisite: MID2599 Co-requisite: MID2699

This course aims to provide the student with knowledge and skills aligned with family health and mental wellbeing. Mental health disorders will be explored and the impact on attachment, early parenting, the baby and family. The midwives role in assessment and caring for women with a mental illness will be critically analysed. Exploration of maternal infant attachment theories and styles of attachment will occur together with their impact on infant mental health. Pregnancy loss, stillbirth and neonatal death and the impact on the family will also be examined.

MID3211 PHARMACOLOGY, DIAGNOSTICS AND SCREENING FOR MIDWIVES (FHESC - UGRD)

Units 1 (Midwifery) Band 1

Pre-requisite: MID3101 and MID3102 Pre-requisite or Co-requisite: MID2599 Co-requisite: MID2699

This course addresses content specific to professional, safety, legislative and regulatory issues related to pharmacology, diagnostics and screening as applied to Australian midwifery practice. The course builds on the student's current knowledge of pharmacology and builds an understanding of the common drugs, and specific pharmacokinetic and pharmacodynamic considerations for childbearing women and neonates. This course also addresses routine screening and diagnostic investigations, their timing and application throughout pregnancy, birth, postpartum and neonatal care. Opportunities for the student to critically evaluate the evidence, guidelines and current practice related to pharmacology, diagnostics and screening in maternity care will be provided. This course contains a mandatory Residential School.

MID3299 MIDWIFERY PRACTICE 6 (FHESC - UGRD)

Units 1 (Midwifery) Band 1

Pre-requisite or Co-requisite: MID3199

This course enables students to apply the concepts of holistic and theoretical analysis to provide professional and competent skills when providing care for women as the lead midwifery carer. Students will employ a holistic approach to assessment and management when examining well babies and babies who are unwell and require oxygen therapy and enteral or tube feeding. This course will enable the student to develop skills to care for the mother and baby when the baby is receiving phototherapy.

MID3399 MIDWIFERY PRACTICE 7 (FHESC - UGRD)

Units 1 (Midwifery) Band 1

Pre-requisite: MID3199 and MID3299

This course enables students to apply the concepts of holistic and theoretical analysis to provide professional and competent skills to women and their families and babies in a continuity of care model. Students will employ a holistic approach to assessment and management of women. The course employs a holistic approach to assessment and management as students extend their prior learning by applying knowledge to continuity of care. This course will facilitate the development of students' personal and therapeutic communication 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.

MID3499 MIDWIFERY PRACTICE 8 (FHESC - UGRD)

Units 1 (Midwifery) Band 1

Pre-requisite: MID3199 and MID3299

This course enables students to apply the concepts of holistic and theoretical analysis to provide professional and competent skills to women and their families and babies in a continuity of care model. Students will employ a holistic approach to assessment, management and evaluation of care provided to women. The course employs a holistic approach to assessment and management as students extend their prior learning by applying knowledge to continuity of care and quality pharmacokinetics and pharmacodynamics. This course will facilitate the development of students' personal and therapeutic communication 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.

MIN2001 MINING TECHNOLOGY AND MINERAL PROCESSING (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Mining Engineering) Band 2

The aim of this course is to provide an overview of the methods by which minerals are extracted from the earth, and the common methods used to concentrate the extracted materials prior to final metal production. Mining processes include the digging of open pits, shafts, tunnels and stopes. The main method of breaking rock is by drilling and blasting, and all extracted material needs to be hauled to other areas, so the topics of drilling and blasting and haulage receive detailed coverage. Mining involves much more than the technical operations, hence the course also includes an introduction to topics such as the economics of mining and mine safety.

MIN2002 MINE PLANNING AND DESIGN (FHESC - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Mining Engineering) Band 2

Mines are dynamic engineering projects which are continually changing as the mining process is undertaken. In order to ensure continuous operation and viability, the development of a mine needs to be carefully planned. As mining progresses, and conditions change, design of various elements in the mining operation must occur. This course provides a background to how mines are planned and developed, and the major factors which will influence mine development. The course also focusses on the design of some of the major elements and processes of mining.

MIN2003 MINE OPERATIONS AND MANAGEMENT (FHESC - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Mining Engineering) Band 2

Pre-requisite or Co-requisite: SVY1500

The operation of a mine draws on a wide range of skills. In large mines, the para-professional may well specialise in a small number of areas such as contract administration or mine monitoring. In smaller mining operations, the para-professional will need to adopt many varied roles. This course provides a background to the operation of typical mines which will enable the graduate to undertake work in some of the major areas concerned with the day-to-day operation of a mine, including multi-task scheduling, contract administration and mine surveying.

MIN2901 MINING PRACTICE (FHESC - UGRD)

Semester 3 (EXT)Toowoomba (EXT)Toowoomba

Units 0 (Mining Engineering) Band 2

Pre-requisite or Co-requisite: MIN2001

This course will involve the student in site visits to some mining sites in order to understand the characteristics of commonly used mining techniques and equipment. The student will also participate in laboratory sessions related to the use of mine planning and design software, and the testing of soil, rock and concrete. This course contains a mandatory residential school.

MKT1001 MARKETING FUNDAMENTALS (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfield (ONC)Toowoomba (ONC)Springfield (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Marketing) Band 7

Enrolment is not permitted in MKT1001 if MKT1100 has been previously completed (excluding BBIZ 19398 Marketing major students)

This introductory course provides an overview of the theories and principles of marketing and discusses the concept of value exchange and creation. This course has been specifically designed for a dynamic learning journey that uses practical activities, online discussions and real world scenarios to develop professional skill and knowledge. The focus is on how organisational purpose and context shape the creation, delivery and communication of value to key stakeholders. The course also considers the impact of technology and disruption on the practice of marketing before providing context for you to consider for your professional identity as practicing marketers.

MKT1002 CONSUMER PSYCHOLOGY (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONC)Springfield (ONC)Springfield (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Sales and Marketing not elsewhere) Band 7

Consumer behaviour provides students with an understanding of value sought in an exchange (a concept introduced in MKT1001, Introduction to Marketing). This course unpacks hedonic, utilitarian and social value to facilitate student learning about consumer value and introduces the notion of co-creating value. Students learn how various factors such as: situational contexts, psychological and social cultural influences impact perceptions of value in the exchange in a multitude of markets. Students explore a range of ways in which consumer value can be applied in the marketplace, and consider the ethical nature of value application on consumers.

MKT1100 CUSTOMER EXPERIENCE (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfield (ONC)Springfield (ONC)Toowoomba

Semester 2 (ONC)Toowoomba (ONC)Springfield (ONC)Toowoomba (ONC)Springfield (ONL)Toowoomba

Units 1 (Marketing) Band 7

Enrolment is not permitted in MKT1100 if MKT1001 has been previously completed (except for Marketing Major students they need to complete MKT1100 and MKT1001).

This introductory course will help you to gain practical skills to identify, evaluate and shape consumer needs and develop breathtaking customer experiences. Using real-life examples, we will explore in-depth customer experience analysis, optimisation and strategy, consider the user experience in design, and customer journey mapping to create unique experiences that can be immediately applied in any workplace.

MKT2001 MARKETING COMMUNICATIONS (FBELA - UGRD)

Semester 2 (ONC)Springfield (ONC)Toowoomba (ONC)Springfield (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Sales and Marketing not elsewhere) Band 7

This course addresses the marketing communication elements of the marketing mix. The focus is upon developing an integrated marketing communication mix which presents a clear and consistent message to the marketing organisation's customer base. The various elements in the integrated marketing communications mix that include advertising, sales promotion, public relations, personal selling, direct marketing and internet marketing are examined. In this course, students will learn how to develop, implement and evaluate marketing communication plans.

MKT2014 GLOBAL MARKETING (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld
Units 1 (Marketing) Band 7

Enrolment is not permitted in MKT2014 if MKT2002 has been previously completed.

In this course, we introduce the complexities of international trade, and value chains that are common in modern business. The main perspective students will take out of this course is how to analyse the global marketing environment, evaluate a firm's internal capabilities, and provide reliable market information to assist management in making strategic global marketing decisions. Another key aspect of this course is the focus on understanding the importance of developing networks and strategic alliances, and managing global crisis. This course introduces students to a broad and coherent knowledge of global marketing, and develop their ability to critically analyse. Students will also learn about the complexities of social, cultural, legal and political, environmental, and ethical influences that as a professional marketer has to consider in a global business context. Students should have some fundamental understanding of marketing principles and knowledge to be effective learners in this course.

MKT2015 CREATING MARKETING VALUE (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Marketing) Band 7

Enrolment is not permitted in MKT2015 if MKT2012 has been previously completed.

The crux of marketing theory and practice is about the exchange of value. This course explores the concept of value creation and management. On the journey, the students develop an appreciation for the objective and subjective dimensions of value, and explore factors influencing the production and management of value and its purpose in the exchange. At the conclusion of the course students should have an understanding of products presented to the market, and the value components used by the parties involved in a successful exchange, which are elements all business professionals, accountants, engineers, psychologist and communicators must have an appreciation for the value they develop and present to the market.

MKT3001 MARKETING INTELLIGENCE (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Sales and Marketing not elsewhere) Band 7

Pre-requisite: MKT1001

This advanced course is designed to develop the analytical capabilities required by modern marketers to navigate data-rich environments, and extract meaningful insights that influence business decisions. This course uses real world scenarios, reflective practice, practical activities, and groupwork to evaluate problems, develop recommendations and professional skills.

MKT3007 MARKETING STRATEGY (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONL)Toowoomba (ONC)Springfld
Units 1 (Marketing) Band 7

Pre-requisite: MKT1001

This course builds upon and consolidates previously acquired knowledge of marketing concepts, principles, theories and processes. The course introduces the theory and practice underpinning strategic marketing planning and develops a sound understanding of strategic analysis and marketing strategy alternatives. Students will get the opportunity to conduct a marketing audit for a selected product or organisation and then build upon this by developing a marketing plan to address specific organisational marketing strategy issues/problems.

MKT3100 DIGITAL MARKETING AND SOCIAL MEDIA (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Marketing) Band 7

Enrolment is not permitted in MKT3100 if MKT2013 has been previously completed.

This course will provide you with the foundations of digital marketing fundamentals and data strategy tools. You will work through what it means to develop a digital marketing strategy which could include marketing automation software, tools for tracking relationship marketing, social media marketing, marketing communications using digital and social media and content creation, to ensure increased consumer experience and engagement, support and live chat systems, community forums, prospecting tools, and more. These concepts will be explored within the context of ethical and sustainable considerations.

MKT5001 SERVICE EXPERIENCE (FBELA - PGRD)

Units 1 (Marketing) Band 7

Enrolment is not permitted in MKT5001 if MKT5000 has been previously completed.

In this introductory course you will gain practical skills to identify, evaluate and shape consumer needs to develop breathtaking customer experiences, including recognition of cultural background. Using real-life examples and critical and reflective thinking you will explore in-depth customer experience analysis, optimisation and strategy, UX design and customer journey mapping to create unique experiences that can be immediately applied in the workplace.

MSC6001 RESEARCH PROJECT I (FHESC - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 2 (Information Technology not els) Band 2

Pre-requisite: Students must be enrolled in one of the following programs: MCTN or MCOP or MCTE or MSCN or MCCO or MADS or have the approval of their program coordinator

This course forms the first part of the research component of the Masters programs in the Health, Engineering and Science Faculty, developed further in MSC6002. It develops the foundation for ultimately completing a selected project in Computer Science, Counselling, Applied Data Science, Mathematics, Statistics or Science with the supervision of appropriate staff from the Faculty. The project will consist of reviewing, researching into and reporting of a specific area and exploring possible applications of knowledge and skills from that area. In this course, information and ideas for the project will be gathered, organised, and preliminarily analysed in a critical and evaluative manner guided by adequate research methodology. The topic of the project will be selected in consultation with the appropriate staff of the Faculty with a focus on the subject areas in the student's specialisation.

MSC6002 RESEARCH PROJECT II (FHESC - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 2 (Information Technology not els) Band 2

Pre-requisite: MSC8001 or MSC6001

This course forms the final part of the research component of the Masters programs in the Health, Engineering and Science Faculty. From the foundation established in MSC8001 and MSC6001, students will complete a selected project in Computer Science, Counselling, Applied Data Science, Mathematics, Statistics or Science with the supervision of appropriate staff from the Faculty. The project will consist of reviewing, researching into and reporting of a specific area in the student's specialisation and exploring possible applications of knowledge and skills from that area.

MSC6003 INDUSTRY BASED RESEARCH PRACTICE I (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba

Semester 2 (ONC)Toowoomba

Units 2 (Computer Science not elsewhere) Band 2

Pre-requisite: Students must be enrolled in one of the following programs: MSCN or MADS

This course forms the first part of the professional research component of the Master of Science program in the Health, Engineering and Science Faculty, being developed further in MSC8004. An industry engaged project allows students to learn through engagement with industry and community partners in an authentic activity that provides a context for integrating knowledge and skills for industry problem-solving with research. Students will develop a project in consultation with academic staff and engage in discussion with their supervisors throughout the course to develop innovative solutions that they can incorporate in their project work. Students are required to demonstrate evidence of the development of professional skills and knowledge to make connections between their experiences and the theoretical perspectives and research findings published in the literature. Students will compile evidence of achievement of the learning outcomes through the submission of a project report. Students are also required to submit a reflective journal that summarises their learning experience from the project work. The exact form of evidence in submission will be guided by the supervisor and will depend on the type of activities the student undertakes with industrial engagement.

MSC6004 INDUSTRY BASED RESEARCH PRACTICE II (FHESC - PGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba

Units 2 (Computer Science not elsewhere) Band 2

Pre-requisite: MSC8003 or MSC6003

This course forms the second part of the professional research component of the Master of Science program in the Health, Engineering and Science Faculty, being first developed in MSC8003 and MSC6003. An industry engaged project allows students to learn through engagement with industry and community partners in an authentic activity that provides a context for integrating knowledge and skills with industry problem-solving with research. Students will develop a project in consultation with the academic staff and engage in discussion with their supervisors throughout the course to develop innovative solutions that they can incorporate in their project work. Students are required to demonstrate evidence of the development of professional skills and knowledge to make connections between their experiences and the theoretical perspectives and research findings published in the literature. Students will compile evidence of achievement of the learning outcomes through the submission of a project report. Students are also required to submit a reflective journal that summarises their learning experience from the project work. The exact form of evidence in submission will be guided by the supervisor and will depend on the type of activities the student undertakes with industrial engagement.

MSD1000 UNDERSTANDING MEDIA (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

Enrolment is not permitted in MSD1000 if CMS1012 has been previously completed.

This course offers a foundational scholarly context for the study of media. Students explore a range of media texts, forms, and systems and survey key concepts and debates about the media. By developing media literacy, students will critically engage with the media and develop skills and knowledge that will complement study in any area that works within or uses media, both at university or as part of their employment.

MSD2500 READING FILM: HOLLYWOOD (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

Enrolment is not permitted in MSD2500 if CMS2019 has been previously completed.

In this course, students use Hollywood as a case study to begin to develop core skills in screen analysis, to help them develop an analytical skill set that can then be applied to a range of other media and foci. Students examine the emergence, development, and global expansion of the Hollywood film industry, arguably the most famous national cinema in the world. Students use textual and contextual approaches to examine the industry in light of changing cultural, economic, industrial, political, and technological contexts. Regular film screenings featuring a broad selection of influential Hollywood texts will provide context and enable students to complete the course with a film review for their job-ready Media Studies portfolios.

MSD2550 TELEVISION AND STREAMING PLATFORMS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

Enrolment is not permitted in MSD2550 if CMS2017 has been previously completed.

In this course, students examine television, chart its broadcast emergence to its streaming present, and consider it in the context of changing cultural, industrial, and technological developments. They are introduced to key televisual concepts, genres, and narratives, and are given the opportunity to engage with the televisual industry.

MUI1001 COLLABORATIVE MUSIC PRACTICE 1 (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba

Units 1 (Music) Band 1A

Pre-requisite: Students must be enrolled in one of the following programs: BMUC or BCAW

This course is designed to help students transition into the study of music at university level. Taught by staff possessing expertise in a wide range of musical skills, students are exposed to different genres, instruments, ensemble configurations and performance situations in real time or via the StudyDesk. Students will undertake musical cross-training within a group dynamic as well as gaining the requisite knowledge and skills and the application of technique specific to their solo instrument as it relates to performing in a contemporary ensemble, or where appropriate, performing as a lead instrument. Students will collaborate to create performances showcasing the learning that has been undertaken during the semester and will be assessed on activities relating to the development and execution of these performance outcomes. Learning activities are designed to provide students with formative feedback throughout the semester, with early assessment in place to assist in identifying students in need of extra support.

MUI1002 COLLABORATIVE MUSIC PRACTICE 2 (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Music) Band 1A
Pre-requisite: MUI1001

This course is designed to help students gain the knowledge and skills required to better adapt to the collaborative nature of the study of music at a university level. This course is taught by staff who have extensive collaborative experience, in a range of contexts. Students will explore authentic collaborative contexts, the musical and interpersonal considerations for playing music in a variety of ensemble configurations, as well as assuming more autonomy with respect to the selection and interpretation of repertoire, in real time or via the StudyDesk. Learning activities are designed to further develop students' knowledge and skills and the application of technique across a range of musical instrument as it relates to performing in a contemporary ensemble, or where appropriate, performing as a lead instrument. Classes also provide students with regular formative feedback, as well as valuable peer to peer support. In addition, this course employs early assessment to assist in identifying students in need of extra support. Students will collaborate to create performances showcasing the learning that has been undertaken during the semester and will be assessed on activities relating to the development and execution of these performance outcomes.

MUI1006 MUSICAL CONTEXTS: POPULAR MUSIC (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Music) Band 1A
Enrolment is not permitted in MUI1006 if MUI2006 has been previously completed.

With a focus on key musical works and trends from throughout the twentieth century, this course will provide an overview of the musical development, principal styles, and the social and cultural contexts of contemporary Western popular music including Australian popular music and Indigenous popular music. Students will explore, through discussion and research, the societal, technological and musicological aspects of popular music in order to better know the context of the music that they will play and listen to throughout their musical careers.

MUI1010 GUITAR SKILLS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Music) Band 1A

Through an introduction to the basic performance practices of the instrument, students examine the guitar's techniques and literatures, its place within 20th century music, and its cultural significance. Students will learn basic styles of guitar accompaniment and melody playing, and explore through playing the role of the guitar in a range of 20th century styles - folk, blues, popular and contemporary styles. Through listening to representative recordings, reading of key texts in the guitar cultures literature, and practical in-class and online playing instruction, students will develop their own creative practice on the instrument. Students are assessed on the creation and evaluation of resource folio, and practical playing assessments on the guitar.

MUI1011 DIGITAL COMPOSITION (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Music) Band 1A

This course explores the intersection of music technology and composition. Building on students existing knowledge and skills of the fundamentals of music theory and practice, through a mix of guided exercises and projects, students will be introduced to theoretical and practical strategies for creating new musical works inside the digital environment. Students will blend composition and digital music production techniques through the use of computers, MIDI (Musical Instrument Digital Interface) sequencing, and virtual instrument technology. This course is designed to help students transition into the study of music at university level. Learning activities are designed to provide students with formative feedback throughout the semester, with early assessment in place to assist in identifying students in need of extra support. Weekly learning activities and work created as part of assessment in this course will contribute directly to the development of a professional portfolio of creative work, as well as providing students with key practical and technical skills essential to their future employability in the creative arts. This course assumes students have the ability to operate a computer and navigate a file-system and be able to contribute to the creation of a new musical work.

MUI1013 DECODING MUSIC (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Springfld
Units 1 (Music) Band 1A
Enrolment is not permitted in MUI1013 if MUI1007 has been previously completed.

As a foundational course, MUI1013 will introduce students to basic requirements for the successful academic study of music. The course begins with analytical listening in a wide variety of genres. The fundamentals of traditional music theory are discovered through engagement with repertoire. A series of activities encompassing analysis, aural skills and notational literacy will guide the student through an understanding of tonality, rhythm, musical forms and expression through musical means. Students will learn to apply conventional musical terminology to familiar sounds in order to learn to communicate musical ideas effectively, enabling creative collaboration with peers throughout the program. Formative assessment tasks will be used to develop aural and music literacy skills.

MUI2002 POPULAR SONGWRITING (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba
Units 1 (Music) Band 1A

This course explores and activates student's prior knowledge of popular music and introduces the element of the lyric to musical language. Through a mix of guided exercises and projects students will apply a variety of skills (analytical, written, aural, performative) in a specialised manner to create popular songs. The course also offers students a chance to participate in collaborative learning activities introducing them to new perspectives and facilitating key network building opportunities. Weekly learning activities and work created as part of assessment in this course will contribute directly to the development of a professional portfolio of creative work. Fostering the creative and critical skills required for producing original musical works in turn supports students in their development of the creative enterprise and entrepreneurial skills that are essential to early career success in the creative arts.

MUI2003 COLLABORATIVE MUSIC PRACTICE 3 (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Music) Band 1A
Pre-requisite: MUI1002

This course further develops the skills acquired through completion of MUI1001 and MUI1002 by encouraging students to begin to take greater initiative on collaborative projects. Over the course of the semester, students will create their own ensemble project together with stated performance outcomes. Under the guidance of teaching staff, students must not only perform in the ensemble, but co-ordinate projects, be directed by fellow students, identify key resources to support individual and project development, and critically reflect upon practice.

MUI2004 COLLABORATIVE MUSIC PRACTICE 4 (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba
Units 1 (Music) Band 1A
Pre-requisite: MUI2003

This course further develops the skills acquired through completion of MUI2003 by requiring students to work both independently and collaboratively on a project. Under the guidance of teaching staff, students will identify a relevant industry specific performance outcome, and design and develop an ensemble project that explores music performance in that specific context. Students must not only perform in the ensemble, but co-ordinate projects, be directed by fellow students and staff, identify key resources to support individual and project development, and critically reflect upon all relevant processes and outcomes.

MUI2009 RECORDING AND MUSIC PRODUCTION (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba
Units 1 (Music) Band 1A
Enrolment is not permitted in MUI2009 if MUI1009 has been previously completed.

This course introduces the practical and theoretical procedures employed by musicians when recording a new musical work. Students are introduced to recording techniques and technologies. Students are then mentored through an application of their learning in generating new recorded material. The course also offers students a chance to participate in collaborative learning activities introducing them to new perspectives and facilitating key network building opportunities. Assessment outcomes in this course will contribute directly to the development of a professional portfolio of creative work. This course assumes students have the ability to operate a computer and navigate a file-system and the ability to contribute to the creation of a new musical work.

MUI3012 MUSICAL CONTEXTS: CRITICAL PERSPECTIVES (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONL)Toowoomba (ONC)Springfld
Units 1 (Music) Band 1A

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 and problematize the assumptions which underpin our knowledge of the role of music in culture and society. A range of perspectives will be explored, with an emphasis on those which provide alternative views to the dominant paradigm of Western art music. Students will research and formally articulate critical and evidenced knowledges of various aspects of music within culture and society.

MUI3013 MUSICAL CRAFT (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba
Units 1 (Music) Band 1A
Pre-requisite: MUI1013 Enrolment is not permitted in MUI3013 if MUI3011 has been previously completed

In this course, students will develop traditional music theory skills, developing arranging and compositional skills, building on skills gained in previous courses undertaken. Students will learn how to creatively tailor musical material for a variety of instrumental forces and studio situations, drawing on knowledge acquired in first and second year courses. Assessment tasks utilising notation software and digital recording will guide students through the acquisition of commonly used arranging skills for various types of musical ensembles and studio situations such as may be encountered in the musical education and industry landscape.

MUI3014 INVESTIGATING CONTEMPORARY MUSIC (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba
Units 1 (Music) Band 1A
Pre-requisite: Students must be enrolled in one of the following Programs: BMUC or BEDU or BCAW or have the approval of the program director

This course introduces students to methodologies for musical research within contemporary music styles - such as ethnography and practice-led research - to explore artefacts, languages and performance practice in contemporary music. Students will engage with discipline knowledge in workshop format and independent practice work in progress stages with reporting and consultation. Students develop and deliver a self-designed research project to interrogate the musical fabric of a chosen genre or sub-genre of popular music. Outcomes include a portfolio that may include a research paper, a folio of creative work or a lecture recital.

MUI3015 LEADERSHIP DEVELOPMENT FOR MUSICIANS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Music) Band 1A

This course considers the ways in which musicians lead, the skills required to do so, the contexts in which leadership is enacted and the ways in which leadership can be leveraged to support sustainable career development. The course explores leadership within music-specific contexts to guide students to consider how they develop their own leadership skills consistent with their personal values and career aspirations. Challenges faced by musicians when leading will also be considered, including issues relating to equity, diversity and representation. Students will draw on their previous experiences of leadership in music practice courses and their own practice more broadly to consider at an advanced level the role of leadership in their future careers. Students will be assessed via work-integrated learning tasks (personal inventory, case studies/self-experiment and video CV) to demonstrate their understanding of the leadership role of musicians, and to apply this knowledge to their own future career development.

MUI3016 MUSIC PROJECT 1 (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Music) Band 1A

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

This course seeks to explore at an advanced level the intersection between theory and practice in music and the student's readiness for independent creative work just prior to entering the profession or for future more advanced tertiary study. The two music project courses build on the knowledge and skill base accumulated in the first two years of study. This course forms an intermediate phase between acquiring proficiency in music performance, theory and context and being ready to launch oneself as an independent musician. Each student determines a practical and creative project, plans its execution and delivers Individually and/or in collaboration with peers, and under the supervision of teaching staff, an artistic or research-based outcome. The project will demonstrate their cumulative capability and musical expertise. This project-based learning promotes the technical, analytical and critical skill development essential to a professional creative practice in music. The assessment will focus on the student's capacity to formulate a 'doable' creative project, the stages of development of the project which could be reproducible in future creative tasks and the quality of the completed outcome based on the notion of readiness for professional work as a musician.

MUI3017 MUSIC PROJECT 2 (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba
Units 1 (Music) Band 1A

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

This course seeks to explore at an advanced level the intersection between theory and practice in music and the student's readiness for independent creative work just prior to entering the profession or for future more advanced tertiary study. The two music project courses build on the knowledge and skill base accumulated in the first two years of study. This course forms a second intermediate phase between acquiring proficiency in music performance, theory and context and being ready to launch oneself as an independent musician. Each student determines a practical and creative project, plans its execution and delivers Individually and/or in collaboration with peers, and under the supervision of teaching staff, an artistic or research-based outcome. The project will demonstrate their cumulative capability and musical expertise. This project-based learning promotes the technical, analytical and critical skill development essential to a professional creative practice in music. The assessment will focus on the student's capacity to formulate a 'doable' creative project, the stages of development of the project which could be reproducible in future creative tasks and the quality of the completed outcome based on the notion of readiness for professional work as a musician. This second project course may develop or expand the previous project topic with more advanced outcomes.

NSC1501 BIOSCIENCE FOR HEALTH PROFESSIONALS (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba
Semester 2 (EXT)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich (EXT)Toowoomba (EXT)Toowoomba

Units 1 (Human Biology) Band 2
Enrolment is not permitted in NSC1501 if BIO1203 has been previously completed

This introductory course will provide fundamental knowledge and skills in the study of the structure (anatomy) and function (physiology) of the human body as well as basic infection control principles required for the beginning health professional. This course will apply and integrate these areas of study in a series of authentic cases studies and hands on experiences to prepare students to identify body system presentations and how to minimise spread of infection. In addition, students will refine their anatomical and medical language literacy and communication skills. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students. To pass this course, students must attend at least 5 of the 6 residential school sessions or fortnightly laboratory classes. Student non-attendance will mean the student cannot pass the course. For all students enrolled in the course, students are required to attempt and submit all assessment items. This is required as part of UniSQ external accreditation agreements (such as the Australian Nursing & Midwifery Council [ANMAC]).

NSC2500 PHARMACOLOGY AND PATHOPHYSIOLOGY IN HEALTH (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba

Semester 2 (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONL)Toowoomba

Units 1 (Pharmacology) Band 2

All Students: Pre-requisite: BIO1203 or NSC1501 BNSG Students: Pre-requisite: NUR1100 and NUR1102 and NUR1103 and NUR1120 and NUR1203 and NUR1204 and (NUR1398 or NUR1299) and NSC1501 Pre-requisite or Co-requisite: NUR1399

This course focuses on students' learning the basis for disease states that are most prevalent in the developed world and how they can be treated. Major topics to be covered are the major burdens of disease, including central nervous system disorders, inflammatory, cardiovascular, endocrine, and respiratory diseases and cancer. For all students enrolled in the course, students are required to attempt and submit all assessment items. This is required as part of UniSQ external accreditation agreements (such as the Australian Nursing & Midwifery Council [ANMAC]).

NUR1100 INTRODUCTION TO NURSING (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich (EXT)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba (EXT)Toowoomba

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONC)Ipswich (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba

Units 1 (General Nursing) Band 1

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

In this course, students are introduced to beginning theory and clinical skills. Through a range of learning opportunities and activities including simulated nursing laboratories, students learn and practice the basic principles of: person centred care, infection prevention and control; holistic nursing assessments including vital signs; professional communication and documentation within normal parameters. This course consists of a mandatory residential school for external students and mandatory laboratories for on-campus students. Laboratory and Residential School attendance is mandatory to pass the course. As per the BNSG Program Rules, students are required to meet all mandatory course requirements including - mandatory residential school or clinical laboratory requirements where this is present in courses. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. These program rules form part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council (ANMAC).

NUR1102 LITERACIES AND COMMUNICATION FOR HEALTH CARE (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONL)Toowoomba

Semester 2 (ONC)Ipswich (ONC)Ipswich (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (General Nursing) Band 1

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

This course will introduce communication concepts and frameworks relevant to healthcare and prepare students for engaging in effective communication for a variety of clinical and professional situations. Students will develop their capacity to communicate with individuals and families in the delivery of both therapeutic communication as well as effective communication that achieves safe and quality nursing care, underpinned by evidence-based practice and the nursing standards of professional practice in Australia. Learning activities within this course will assist in equipping students with self-awareness and cultural awareness for their development of cultural safety, essential for safe and quality care for nursing care. Students will also develop foundational communication skills for inter-professional communications, both verbally and written, for effective communications and collaborations in patient care. Students will build understanding of the essential skills that achieve academic literacy and digital literacies, essential for the succession throughout the BNSG program and also prepares them for their introduction to digital health in preparation for professional practice. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC].

NUR1103 CONTEXT OF PROFESSIONAL NURSING PRACTICE (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONL)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONC)Ipswich (ONC)Toowoomba

Units 1 (General Nursing) Band 1

Pre-requisite: Students must be enrolled in the following Program:
BNSG Enrolment is not permitted in NUR1103 if NUR1202 has been previously completed

This course will introduce nursing theories and how they shape the nursing profession. It will acquaint students with how the law in Australia operates and impacts on the delivery of health care services, and the nursing governance that all nurses must follow including standards for practice, code of conduct, and the code of ethics. The student will be introduced to ethical principles and practices as they apply to self, intraprofessional, interprofessional, and person and family centred practice in a dynamic health care system. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC].

NUR1120 BURDEN OF DISEASE AND HEALTH EQUITY (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Ipswich (ONC)Ipswich (ONC)Toowoomba

Units 1 (General Nursing) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BNSG or BPTH

Students will be able to describe how health, illness and wellness can be conceptualised across the lifespan and how these concepts can be applied in terms of contemporary health models, theories and frameworks. Students will be able to identify a range of determinants which may impact on burden of disease including social, cultural, psychological and environmental factors. In addition, students will also begin to apply the knowledge of these determinants to the impact on an individual's experience of health or ill health. Students will also begin to develop knowledge of a health professional's role in preventing illness and the role of primary health care and health promotion. Students will develop an introductory understanding of the role of advocacy in health care for equity, social justice, community participation, cultural safety and inter-sectoral collaboration. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC].

NUR1203 CULTURAL SAFETY AND PROFESSIONAL PRACTICE (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 ((Community Nursing) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BNSG or ADAH or BOTH or BSWK or BSWH or SPYH Enrolment is not permitted in NUR1203 if NUR1201 has been previously completed

To fulfil Australian regulatory requirements and ethical and professional standards of health care professions this foundational course introduces the model of cultural safety. The cultural safety model is identified as essential in underpinning students' professional development and practice. This course enables student to develop an understanding of our own cultures including the cultures of nursing, midwifery and health systems as it is essential to provide health care that is free of racism, stigma and other forms of discrimination across all practice settings. This course further focuses on social and cultural determinants of health and their impacts upon individuals, communities and health systems. An online learning environment will be utilised to support the student journey towards best practice in their professional development. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC].

NUR1204 ABORIGINAL AND TORRES STRAIT ISLANDER HEALTH (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Community Nursing) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: BNSG or ADAH or BOTH or BSWK or BSWH or SPYH
Enrolment is not permitted in NUR1204 if NUR3030 has been previously completed

An understanding of the social and cultural determinants of health and the impacts of historical Acts and contemporary policies and their influence on First Nations Australians is essential in providing culturally safe health care with and for First Nations peoples. This course utilises cultural safety and contextual knowledge and skills to model contemporary health care delivery in Australia. It emphasises the contemporary nurse as a foundational member of the health partnership who is necessary in enhancing First Nations people's social and emotional wellbeing. It values the role of First Nations Australians in self-determining processes and leadership in health and research. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC].

NUR1398 FOUNDATIONS OF NURSING PRACTICE THEORY (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich (EXT)Toowoomba

Semester 2 (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich

Units 0.5 (General Nursing) Band 1

Pre-requisite: NUR1100 and NUR1102 and NSC1501 and Students must be enrolled in the following Program: BNSG Co-requisite: NUR1399 and NUR1103 Enrolment is not permitted in NUR1398 if NUR1299 has been previously completed

This course includes the theoretical foundations of clinical practice and the nursing process in the simulated clinical environment. Under graduate registered nursing students will develop an understanding of the process of applying knowledge and expertise to a simulated clinical situation to develop a solution. The Nursing and Midwifery Board of Australia (NMBA) standards for practice for the registered nurse are used as a framework to guide students in relation to person-centred care, patient safety, cultural and contextual competence, and developing practice. At a beginning level, student nurses will develop effective clinical reasoning skills that enable the collection of data, an ability to solve problems, make decisions, and provide quality patient care. Students will explore the application of the clinical reasoning process to fundamental patient assessments and care. Intensive clinical simulation and laboratory practice are used in this course to expand knowledge, skills, and confidence in safe non-parenteral medication calculation. This course contains a mandatory residential school for external students and mandatory laboratories for on-campus students. As per the BNSG Program Rules, students are required to meet all mandatory course requirements including - mandatory residential school or clinical laboratory requirements where this is present in courses. Clinical placement for NUR1399 will not be offered until 100% attendance is achieved. This course also contains an Australian Nursing and Midwifery Accreditation Council mandated medication calculations quiz. 100% in medication calculations is required to pass the course. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC].

NUR1399 FOUNDATIONS OF NURSING PRACTICE (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Toowoomba

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich

Semester 3 (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba

Units 0.5 (General Nursing) Band 1

Pre-requisite: NUR1100 and NUR1102 and NSC1501 and Students must be enrolled in the following Program: BNSG Co-requisite: NUR1398 and NUR1103 Enrolment is not permitted in NUR1399 if NUR1299 has been previously completed

This placement course includes professional experience placement aimed at developing fundamental assessment and practice skills applicable to all settings and age groups. Nursing students will develop an understanding of the process of applying knowledge and expertise to a clinical situation to develop a solution. The Nursing and Midwifery Board of Australia (NMBA) standards for practice for the Registered Nurse, are used as a framework to guide students. Specific areas are in relation to person-centred care, patient safety, cultural and contextual competence, and developing practice.

NUR2101 EPISODES OF CARE A (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONL)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba

Semester 2 (ONC)Ipswich (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (General Nursing) Band 1

Pre-requisite: (NUR1398 or NUR1299) and NUR1203 and NUR1204
Pre-requisite or Co-requisite: NUR1399

This theoretical course is designed to develop and augment requisite knowledge to care for individuals and families across the lifespan in a variety of health care contexts. In this course, students will examine both national and regional health priorities and current theoretical and evidenced based health care practice to manage episodes of illness or injury. Clinical reasoning frameworks for clinical decision making will be used to augment clinical judgment and critical thinking development. Students will engage with a variety of health care cases and develop skills in comprehensive and focused assessment, identification of individual problems, prioritisation, and nursing care interventions, to promote optimal biopsychosocial individual outcomes. Relevant concepts in pathophysiology; life span, cultural competency, and ethico-legal considerations; will be applied to the care of individuals, families within various health care contexts. Pharmacological and non-pharmacological treatment options will be examined along with the independent, collaborative and interprofessional roles of the nurse. Students will have the opportunity to engage in a range of learning and teaching strategies complementary to an inquiry-based approach throughout the semester. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC].

NUR2102 CLINICAL SKILLS FOR PRACTICE A (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONC)Ipswich (ONC)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba

Semester 2 (ONC)Toowoomba (ONC)Ipswich (ONC)Ipswich (ONC)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba

Units 1 (General Nursing) Band 1

Pre-requisite: ((NUR1398 and Pre-requisite or Co-requisite NUR1399) or NUR1299) and NUR1203 and NUR1204

In this course, students apply theoretical understanding and evidence-based practice to manage individuals and situations within simulated environments. Students apply understanding of anatomy and physiology, pathophysiology, pharmacology and non-pharmacological treatment options, cultural safety, ethico-legal considerations, and person-centered care to nursing practice within simulated environments to ensure optimal patient outcomes. Critical thinking and clinical reasoning skills are developed through engagement with case studies and through the application of understanding within simulated environments. Students will develop their nursing skills in communication, teamwork, infection control, safety, medication management, and vital signs assessment, as well as develop skills and strategies for assessing, planning, managing, and evaluating individuals experiencing acute illness and episodic health concerns across the lifespan. This course will also engage students in applying knowledge to the nursing practice of the predominant disorders which contribute to disability and death. This course contains a mandatory residential school for external students and/or mandatory on-campus laboratories or practical classes for on-campus students and an Australian Nursing and Midwifery Accreditation Council mandated medication calculations quiz. Medication errors are a serious concern and highly preventable. Any medication error can lead to mortality, morbidity, complications, prolonged, long length of stay and other serious adverse reactions. Therefore, students must achieve 100% on the Medication Calculations Quiz and must pass an oral and intravenous clinical medication skills assessment to pass the course overall. There are individual due dates to accommodate all students in this course. The medication calculation quiz is an invigilated assessment. Students can have up to three attempts of the Medication Calculation Quiz. The Medication Calculation Quiz is also set up to assist students with employability as many clinical settings use the Medication Calculation Quiz during interviews, often with only one attempt. All registered nurses need to complete a medication calculations annually. Students can have up to two attempts of the clinical medication skills in this course. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC].

NUR2200 MENTAL HEALTH CARE ACROSS THE LIFESPAN (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONL)Toowoomba

Semester 2 (ONC)Ipswich (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Mental Health Nursing) Band 1

Pre-requisite: NUR1120 and ((NUR1398 and Pre-requisite or Co-requisite NUR1399) or NUR1299) and NUR1203 and NUR1204

In this course, students will be introduced to a spectrum of mental health disorders affecting people across the lifespan. The content will enhance your understanding of mental health and illness, and develop knowledge to analyse, critically assess, safely intervene and manage consumers experiencing mental health challenges using case-based scenarios, evidenced based practices and contemporary nursing skills. Students will also learn to apply a high level of written and verbal communication in relation to the care of mental health consumers. Individual and carer's perspective of their journey with mental illness will be reviewed, incorporating recovery orientated mental health care, with stigma and students' personal views of mental illness being explored. The importance of ethical and legal aspects for mental health consumers will be delivered in case studies related to specific mental health disorders. The theoretical content of this course will provide students the opportunity for application of theory into practice with their future mental health clinical placements, and with core skills required for industry and future work. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC].

NUR2203 EPISODES OF CARE B (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONL)Toowoomba

Units 1 (General Nursing) Band 1

Pre-requisite: NSC2500 and NUR2101 and NUR2102

This theoretical course is designed to develop and augment specific knowledge for the care of individuals and families across the lifespan in a variety of health care settings. Students will use an evidence based approach to introduce the pathophysiology, health assessment, diagnosis and management of individuals with complex health conditions. Students will examine a selection of the acute exacerbation of illness, chronic diseases and complex conditions across the lifespan and will develop the critical skills required to effectively assess, intervene, and manage exacerbations of conditions and support individuals with self-management strategies. Theoretical knowledge, which supports the independent and collaborative responsibilities of Registered Nurses using pharmacological and non-pharmacological therapies, will be discussed. Clinical reasoning frameworks for clinical decisions making will be used to improve clinical, judgement and critical thinking. Cultural competency and ethico-legal considerations will be applied to patients and families in weekly content and assessments. Students will have the opportunity to engage in a range of learning and teaching strategies complementary to an inquiry-based approach throughout the semester. This course will require students to develop telehealth educational packages for people post discharge to assist them self-manage their conditions. It will also include digital learning of the electronic Medical Administration Records software. Students will have access to virtual learning with online software package on nursing management of medical conditions and medications management. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC].

NUR2204 CLINICAL SKILLS FOR PRACTICE B (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONC)Ipswich (ONC)Toowoomba (EXT)Toowoomba (EXT)Toowoomba

Semester 2 (ONC)Ipswich (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba (ONC)Ipswich (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba

Units 1 (Nursing not classified) Band 1

Pre-requisite: NSC2500 and NUR2101 and NUR2102

In this course students will use an experiential learning framework to further develop their clinical skills in an authentic simulated environment. Students will apply their developing understanding of anatomy and physiology, pathophysiology, pharmacology, interdisciplinary teamwork, cultural safety, and person-centred care to engage in simulated safe, ethical nursing practice. Students consolidate high level nursing skills in communication, infection control, teamwork, safety, medication management, vital signs assessment and situational management using a range of skills and strategies for assessing, planning, managing, and evaluating individuals experiencing acute exacerbations of chronic illness, acute illnesses, and those with complex health care needs. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students, and all students must pass the clinical skills assessment to pass the course overall. Each student will be offered two attempts at the clinical skills assessment. Students will have an ANMAC mandated medication calculations quiz, that all students must attain a result of 100% to pass this course overall. Each student will be offered three attempts at the medication calculation quiz. This also prepares students as future Registered Nurses as all Registered Nurses must get 100% on a medication calculation quiz annually to ensure the safety of the public, as part of their employment. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC].

NUR2299 DEVELOPING NURSING PRACTICE A (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba

Semester 3 (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba

Units 1 (General Nursing) Band 1

Pre-requisite: ((NUR1398 and NUR1399) or NUR1299) and NUR2102

In this placement course students are allocated to a clinical setting and undertake 160 hours of professional experience. The main themes of this course include therapeutic communication skills, assessment skills, collaborative practice with the interprofessional team, education of individuals and families, developing critical thinking skills, medication preparation and administration, clinical reflection, and planning and prioritising patient centred care. Working alongside registered nurses to deliver nursing care, this clinical practicum experience will enable students to apply their learning to professional nursing practice. To enhance employability there is a focus on the continued formation and maintenance of students' professional nursing identity. The placement experience builds industry-specific knowledge and know-how of acute and non-acute environments. It includes opportunities to build industry networks and consider career pathways.

NUR2399 DEVELOPING NURSING PRACTICE B (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba

Semester 2 (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba

Semester 3 (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich

Units 1 (General Nursing) Band 1

Pre-requisite: NUR2204 and NUR2299

In this placement course students are allocated to a clinical setting and undertake 160 hours of professional experience. The main themes of this course include further practice and development of key nursing skills including medication preparation and administration, therapeutic communication, assessment skills, collaborative practice with the interprofessional team, education of individuals and families, developing critical thinking skills, clinical reflection, and planning, prioritising and evaluating patient centred care. The clinical experience enables students to work alongside registered nurses to deliver nursing care, enabling students to apply their learning to professional nursing practice. To enhance employability there is a focus on the continued formation and maintenance of students' professional nursing identity. The placement experience builds industry-specific knowledge and know-how of acute and non-acute environments. It includes opportunities to build industry networks and consider career pathways.

NUR3020 PROFESSIONAL TRANSITIONS (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba

Semester 2 (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba

Units 1 (General Nursing) Band 1

Pre-requisite: ((NUR3397 and NUR3398) or (NUR2000 and NUR3101)) and NUR2399 and NUR3300

The course content will utilise critical reflection and decision-making strategies to advance professional responsibility, ethico-legal decision making, and leadership concepts introduced in previous courses. Concepts include ethical decision making, leadership development, 'Code of Conduct', employability, and digital citizenship parameters for nurses in clinical practice underpinned by the competency standards for the registered nurse in practice. The transition process and professional identity formation is explored relative to scope of practice, global health priorities and the care and decision-making practices of the beginning registered nurse in health. Students will consolidate skills in critical thought and autonomous practice through leadership principles that guide decision making and registered nurse account ability in practice environments caring safely for individuals of all ages. This course contains a highly recommended online workshop for all students to attend. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC]. Students must be in their final semester of study. However, students considering S3 clinical placement, may enrol into NUR3020 in their second last semester.

NUR3201 QUALITY, SAFETY AND RISK (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich (EXT)Toowoomba

(EXT)Toowoomba (EXT)Toowoomba

Semester 2 (EXT)Toowoomba (ONC)Ipswich (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich (EXT)Toowoomba

(EXT)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba

Units 1 (General Nursing) Band 1

Pre-requisite: ((NUR3397 and NUR3398) or (NUR2000 and NUR3101)) and NUR2399 and NUR3300 and NUR3599

Students will explore safety and quality principles and standards with particular focus on integrated risk management, corporate and clinical governance, root cause analysis, and evidence-based applications as they relate to positive patient care outcomes. In addition, students will learn and apply legislative and professional standards as they relate to inter-professional practice. Students will further develop critical thinking/reasoning and decision-making skills to apply principles of quality, safety and risk to their practice and patient care. This course contains a mandatory residential school. Residential School attendance is mandatory to pass the course. As per the BNSG Program Rules, students are required to meet all mandatory course requirements including - mandatory residential school or clinical laboratory requirements where this is present in courses. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC]. These program rules form part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council (ANMAC).

NUR3299 CONTEMPORARY NURSING PRACTICE (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba

Semester 2 (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba

Semester 3 (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba

Units 1 (General Nursing) Band 1

Pre-requisite: ((NUR3397 and NUR3398) or (NUR2000 and NUR3101)) and NUR2399 and NUR3300

In this placement course students are allocated to a clinical setting and undertake 160 hours of professional experience. Themes for this placement include more advanced therapeutic communication skills and assessment skills, collaborative practice with the interprofessional team, education of individuals and families, critical thinking skills, medication preparation and administration, clinical reflection, and the ability to plan and prioritise patient centred care. This clinical experience enables students to work within a variety of contemporary health care settings, caring for individuals with conditions where they can apply their learning from theoretical and professional nursing practice. To enhance employability there is a focus on the critical capabilities and transferable skills developed through this course that can be deployed in any clinical context. The aim is for students to develop industry-specific knowledge and know-how to effectively manage nursing care within multiple healthcare contexts. Professional identity formation, and maintenance is enhanced through the clinical placement experience. The focus is on developing knowledge, skills, attributes, reflective disposition and identity that graduates need to succeed in the workforce.

NUR3300 CLINICAL INQUIRY AND EVIDENCE BASED PRACTICE (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba

Semester 2 (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich

Units 1 (General Nursing) Band 1

Pre-requisite: NUR2203 and NUR2204 and NUR2299 Enrolment is not permitted in NUR3300 if NUR2300 has been previously completed

This course builds on and provides knowledge regarding clinical inquiry, the principles of evidence-based practice, a framework for evidence-based practice and the skills to apply the evidence-based practice process in their everyday professional practice to deliver safe and effective care. Students are also introduced to common research methodology, designs and methods used in health to generate evidence, skills in conducting electronic database searches, and the ability to critically read, interpret, and synthesise the scholarly literature to formulate and articulate recommendations for practice. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC].

NUR3397 COMPLEX CARE A (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba

Semester 2 (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba

Units 1 (General Nursing) Band 1

Pre-requisite: NUR2203 and NUR2204 and NUR2299 Enrolment is not permitted in NUR3397 if NUR2000 and NUR3101 has been previously completed

In this course an inquiry-based framework will ensure that students can consolidate, apply and integrate previous learnings of anatomy and pathophysiology, health assessment, diagnostics, pharmacology and management of individuals with complex acute health conditions in high acuity health care settings. Students will examine complex conditions across the lifespan and will apply critical thinking, clinical reasoning and reflective practice skills to person centred, evidence-based nursing care. In this course students will integrate and apply principles of effective collaborative interprofessional communication, teamwork, as well as ethical and legal practice in decision making to integrate person-centred care that meets the requirements for beginning Registered Nurse practice. *This course includes a mandatory 2-day residential School for international student enrolments. 2-day mandatory online workshop for domestic students. (Note: Domestic students may choose the on-campus workshop or the online workshop.) As per the BNSG Program Rules, students are required to meet all mandatory course requirements including - mandatory residential school or clinical laboratory requirements where this is present in courses. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC]. These program rules form part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council (ANMAC).

NUR3398 COMPLEX CARE B (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba

Semester 2 (EXT)Toowoomba (EXT)Toowoomba (EXT)Toowoomba

Units 1 (General Nursing) Band 1

Pre-requisite: NUR2203 and NUR2204 and NUR2299 Enrolment is not permitted in NUR3398 if NUR2000 and NUR3101 has been previously completed

This course aims to provide students with the skills and knowledge to confidently and competently perform a comprehensive assessment of patient and safely perform increasingly complex nursing interventions. This course will enable students to make safe and effective clinical decisions and to understand and apply theories of clinical decision-making including the clinical reasoning model in clinical practice. This course contains a mandatory residential school. Residential School attendance is mandatory to pass the course. As per the BNSG Program Rules, students are required to meet all mandatory course requirements including - mandatory residential school or clinical laboratory requirements where this is present in courses. This course contains an Australian Nursing and Midwifery Accreditation Council mandated medication calculations quiz. 100% in medication calculations is required to pass the course. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC]. These program rules form part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council (ANMAC).

NUR3499 TRANSITION TO PROFESSIONAL PRACTICE (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich
Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich
Semester 3 (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich
Units 1 (General Nursing) Band 1

Pre-requisite: ((NUR3397 and NUR3398) or (NUR2000 and NUR3101)) and NUR2399 and NUR3300 Co-requisite: NUR3299

In this final transition to practice course, students have the opportunity to be allocated to a clinical setting of their choice and undertake 160 hours of professional experience. Students may experience and engage in professional practice in highly specialised health care settings. The main themes of this course include: practice and consolidation of nursing skills and knowledge to care for individuals across the lifespan with acute and complex conditions. Other themes include advancements related to therapeutic communication skills, assessment skills, collaborative practice with the interprofessional team, education of individuals and families, critical thinking skills, medication preparation and administration, clinical reflection, and the ability to plan and prioritise patient centred care independently. To enhance employability there is a focus on the critical capabilities and transferable skills developed through this course that can be deployed in any clinical context. The aim is for students to develop industry-specific knowledge and know-how to effectively manage nursing care within multiple healthcare contexts. Professional identity formation, and maintenance is enhanced through the clinical placement experience. The focus is on developing knowledge, skills, attributes, reflective disposition, and identity that graduates need to succeed in the workforce. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council (ANMAC).

NUR3599 MENTAL HEALTH CARE IN PRACTICE (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba
Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba
Semester 3 (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich
Units 1 (Mental Health Nursing) Band 1

Pre-requisite: NUR2200 Co-requisite: NUR2299

In this placement course students are allocated to a mental health clinical setting and undertake 120 hours of professional experience. Students will further develop professional interactions, therapeutic relationships and nursing care practices associated with caring for individuals, families and significant others in mental health practice settings. The mental health needs of inpatients, groups requiring a specialised approach such as child and youth, older people, people from rural and isolated areas, Indigenous and culturally diverse populations and the homeless may be experienced. Students will further develop critical thinking and clinical decision making within these types of clinical environments. Students are required to be reflective about their clinical practice experiences for both their professional development and lifelong learning journey. To enhance employability there is a focus on the continued formation and maintenance of students' professional nursing identity. The placement experience builds industry-specific knowledge and know-how of acute and non-acute environments. It includes opportunities to build industry networks and consider career pathways. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC].

NUR3799 TRANSITION TO RURAL AND REMOTE PRACTICE (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Toowoomba
Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich
Semester 3 (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba
Units 2 (General Nursing) Band 1

Pre-requisite: (NUR3397 and NUR3398) or (NUR2000 and NUR3101)) and NUR2399 and NUR3599

This final transition to practice placement course, is an elective, optional for final year students who can demonstrate a desire and commitment to be a rural and remote health practitioner. This will be undertaken in a rural and remote location in Queensland or in some instances, other states in Australia. In this 2-credit point elective course students will have the opportunity to be allocated to a rural or remote clinical setting of their choice and undertake 320 hours of professional experience placement. Students may experience and engage in professional practice in highly specialised areas of complex health care experienced by individuals and groups in rural and remote communities. The main themes of this course include: more practice of advanced skills and implementation of knowledge for individuals across the lifespan with acute and complex medical or surgical conditions. Other themes include advancements related to therapeutic communication skills, assessment skills, collaborative practice with the interprofessional team, education of individuals and families, critical thinking skills, medication preparation and administration, clinical reflection, and the ability to plan and prioritise patient centred care independently. To enhance employability there is a focus on the critical capabilities and transferable skills developed through this course that can be deployed in any clinical context. The aim is for students to develop industry-specific knowledge and know-how to effectively manage nursing care within multiple healthcare contexts. Professional identity formation, and maintenance is enhanced through the clinical placement experience. The focus is on developing knowledge, skills, attributes, reflective disposition and identity that graduates need to succeed in the workforce. As per the BNSG Program Rules, students are required to attempt and submit all assessment items in a course. This program rule forms part of the UniSQ accreditation agreement with the Australian Nursing & Midwifery Council [ANMAC].

NUR8060 HEALTH POLICY ANALYSIS AND REVIEW (FHESC - PGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (General Nursing) Band 1

Pre-requisite: HEA8001 and Students must be enrolled in one of the following Programs: BHEH or MNRS or PDEV or MMSG or GCHH or GDHH or MOHH or GCCO or MCCO or GDCN or GDNG or GCNG or GCHE

This post graduate course focuses on health policy from the perspectives of history, development, critical analysis, application and review. It will enable the student to explain 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 evaluation and review of a health policy utilising a Policy Analysis Framework and the application in practice of recommendations through local procedures, guidelines or implementation strategies. Using this analysis, students will then develop recommendations to improve the structure and application of the policy to health care outcomes.

NUR8075 RESEARCH IMPLEMENTATION PROJECT (FHESC - PGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (Health not elsewhere classified) Band 2

Pre-requisites: HSC8050 and HSC8060 and Students must be enrolled in the following Program: MMSG

This course is aimed at students who want to practically apply research into a healthcare situation. With guidance from a member of academic staff as supervisor, the student will plan and undertake a project that will implement research into the healthcare situation. Topics such as processes to implement research, planning a project and report writing will be covered in online tutorials to support you in achieving the required objectives. Students will use knowledge from previous subjects within the Master's program to search for and evaluate research literature and apply and evaluate it in their context.

NUR8340 THE LAW AND HEALTH CARE PRACTICE (FHESC - PGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (Nursing not classified) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: GCNG or GDNG or MMSG or GCHH or GDHH or MOHH or GCHE

This course focuses on how the law in Australia operates and impacts on the delivery of health care services. Select topics explored in this course include (but not limited to) an overview of Australia's legal system, institutions and processes; professional negligence; consent; professional registration and complaints; and risk management in sometimes highly emotive and confronting health care environments.

NUR8550 PROFESSIONAL STUDIES 1 (FHESC - PGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (Nursing not classified) Band 1

This course is based on a negotiated learning contract between students and their supervisor. The learning contract requires that students draw on their previous learning and identify their current learning needs. To undertake the learning project students will develop learning objectives and a project plan. The students, in consultation with their supervisor will agree upon learning objectives, available resources, learning processes and methods of evaluation.

OCT1101 FOUNDATIONS OF OCCUPATIONAL THERAPY (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich
Units 1 (Occupational Therapy) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: BOTH or ADAH Co-requisite: OCT1102

This course provides students with an introduction to occupational therapy as a perspective on human health and wellbeing. It establishes knowledge of the history of the profession, foundational perspectives on humans as occupational beings, and the relationship of occupation to health, wellbeing, meaning and purpose. This knowledge is required to develop subsequent competencies in occupational therapy assessment and intervention skills used in occupational therapy service provision. Students will be provided examples of occupational therapy roles and scope in various contexts through video and live presentations by industry partners. Teaching will occur through a combination of lecture and tutorial experiences.

OCT1102 OCCUPATIONAL PERFORMANCE - THE OCCUPATION (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich
Units 1 (Occupational Therapy) Band 2

Pre-requisite: Students must be enrolled in the following Program: BOTH Co-requisite: OCT1101

This unit links to OCT1101 Foundations of Occupational Therapy by building on the students' understanding of human occupation and identifying the way the occupation itself can restrict or enable participation. It introduces the concept of occupation dysfunction as a mismatch between person, environment and occupation. After initial taught content, students will engage in self-reflection and analysis of their own experiences of occupation as a way of understanding core concepts. They will then develop skills in occupational analysis and assessment of occupational performance using formal and informal processes by interacting with virtual clients. Students will then develop skills in simple intervention planning by using task simplification and energy conservation approaches. Students will participate in online discussion forums to share their experiences and consolidate their learning. Practising occupational therapists will share their experiences in of using occupation as a treatment modality, either in recorded or live presentations.

OCT1201 OCCUPATIONAL THERAPY THEORY AND PRACTICE (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich
Units 1 (Occupational Therapy) Band 2

Pre-requisite: OCT1101 and OCT1102 and Students must be enrolled in the following Program: BOTH

This unit builds on OCT1101 Foundation of Occupational Therapy and OCT1102 Occupational Performance - The Occupation by introducing contemporary conceptual practice models and practice process frameworks. The semester will commence with an exploration of what occupational therapists typically do in practice, and how a theoretical framework informs and guides their approach to service delivery. Students will use conceptual models to understand the barriers and enablers to occupations by applying them to practice scenarios presented throughout the course. Students will then begin to understand how the many areas of study (anatomy, psychology, sociology, neurology etc.) form the frames of reference through which occupational therapists understand those barriers and develop interventions to address them. Students will compare and contrast various frames of reference during in-class discussions. This will prepare students for the opportunity to consolidate various theoretical concepts by applying them holistically to practice scenarios in the final weeks of the course. The resultant understanding of occupational therapy theory will prepare students to learn about ways of addressing occupational dysfunction through modification of personal capacities, environmental factors and characteristics of the occupation.

OSP1101 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Semester 1 (ONC)Toowoomba
Semester 2 (ONC)Toowoomba
Units 1 (Studies in Human Society n.e.c) Band 1B

USQ students are encouraged to take part in an overseas study/exchange programme as part of their studies. This course allows students to receive credit (equivalent to the stated unit value) for courses taken in the general area of Humanities/Arts at an overseas institution for which there is no specific equivalent course at USQ.

OSP1102 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Semester 1 (ONC)Toowoomba
Semester 2 (ONC)Toowoomba
Units 2 (Studies in Human Society n.e.c) Band 1B

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows students to receive credit (equivalent to the stated unit value) for courses taken in the general area of Humanities/Arts at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1103 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Semester 1 (ONC)Toowoomba
Semester 2 (ONC)Toowoomba
Units 3 (Studies in Human Society n.e.c) Band 1B

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows students to receive credit (equivalent to the stated unit value) for courses taken in the general area of Humanities/Arts at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1201 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Semester 1 (ONC)Toowoomba
Semester 2 (ONC)Toowoomba
Units 1 (EnginTech not classified) Band 2

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows students to receive credit (equivalent to the stated unit value) for courses taken in Computing at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1202 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Semester 1 (ONC)Toowoomba
Semester 2 (ONC)Toowoomba
Units 2 (EnginTech not classified) Band 2

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows students to receive credit (equivalent to the stated unit value) for courses taken in Computing at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1203 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Semester 1 (ONC)Toowoomba
Semester 2 (ONC)Toowoomba
Units 3 (EnginTech not classified) Band 2

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows students to receive credit (equivalent to the stated unit value) for courses taken in Computing at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1301 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Semester 1 (ONC)Toowoomba
Semester 2 (ONC)Toowoomba
Units 1 (Law not elsewhere classified) Band 7

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows students to receive credit (equivalent to the stated unit value) for courses taken in Law at an overseas institution for which there is no specific equivalent course at USQ. Students wishing to enrol in this course should consult first with their Head of Department or Student Advisor.

OSP1302 OVERSEAS STUDY PROGRAM (REGOF - UGRD)

Semester 1 (ONC)Toowoomba
Semester 2 (ONC)Toowoomba
Units 2 (Law not elsewhere classified) Band 7

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows students 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)

Semester 1 (ONC)Toowoomba
Semester 2 (ONC)Toowoomba
Units 3 (Law not elsewhere classified) Band 7

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows students 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)

Semester 1 (ONC)Toowoomba
Semester 2 (ONC)Toowoomba
Units 1 (Education Studies) Band 1

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows students 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)

Semester 1 (ONC)Toowoomba
Semester 2 (ONC)Toowoomba
Units 2 (Education Studies) Band 1

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows students 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)

Semester 1 (ONC)Toowoomba
Semester 2 (ONC)Toowoomba
Units 3 (Education Studies) Band 1

USQ students are encouraged to take part in an overseas study/ex change programme as part of their studies. This course allows students 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.

PCM5000 PRACTICAL EDITORIAL SKILLS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B

Students in this course are introduced to the foundational skills of effective content creation including writing engaging text, maintaining audience interest, creating short- and long-form editorial, and sourcing and researching information. The course will seek to help students recognise reliable information and apply critical-thinking skills to act on such information. Students will demonstrate professional practice by assessing and applying methods, concepts, techniques and theories to professional communication contexts.

PCM5100 COMMUNICATION DEMOGRAPHICS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B

Students in this course develop competency and skills in identifying and analysing audiences. They are provided with opportunities to improve their professional communications with technical and non-technical audiences, and to tailor their professional content to a range of different publication platforms. An important aspect of this course is students' development of knowledge related to audience demographics, size, and attitudes, and the ethical use of this information in specific professional contexts.

PCM5200 IDENTIFYING AND RESEARCHING SOURCES (FBELA - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B

Students in this course develop knowledge and skills to become more discriminating producers and consumers of content. The course seeks to help students recognise reliable information, and teaches them how to apply critical-thinking skills to act on such information. Information and media literacy skills, and their application to professional contexts, are an important focus of this course.

PCM5300 PRESENTING TO AUDIENCES (FBELA - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B

This course introduces students to the fundamentals of packaging and presenting communications. Designed according to the demands of a range of communication and media settings, this course provides a practical introduction to skills in identifying and packaging different types of content, with specific attention on formulating and pitching ideas, and the development and dissemination of internal- and external-facing communications. Aspects of interpersonal and intercultural communication, communication law and ethics, and audiences engagement will also be explored.

PHT1000 FOUNDATIONS OF PHOTOGRAPHY 1 (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B

Students in this course will be introduced to the fundamentals of digital photography and imaging software, so they begin the process of developing professional skills in photographic imaging. Through practice-based learning, they will begin to define and interpret elements of photographic composition including shutter speed, exposure, angles, composition, depth of field, and perspective. Students will also be introduced to professional software. Through examination of case studies and other forms of academic inquiry, they will also explore the development of photographic practice from the nineteenth century to contemporary digital photography, and will gain knowledge of the underlying principles and concepts of photographic practice as a tool of communication. Through this, students will also begin to examine the philosophies and ethics through which they will practise.

PHT1001 FOUNDATIONS OF PHOTOGRAPHY 2 (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B
Pre-requisite: PHT1000

Students in this course will examine the principles of lighting and apply techniques to an emerging expertise in photographic imaging. Through practice-based learning, peer review, and academic inquiry, they will explore natural and artificial light sources in outdoor and in-door contexts, and investigate the theoretical principles of light both as a carrier and form of communication. Students will have the opportunity to develop and apply skills and knowledge in manipulating light for various professional communication or creative contexts, and will examine its effect on colour, subject, form and message. They will also begin to define, interpret and apply elements of photographic composition including line, shape, form, space and movement. Students will continue using raster graphic editing software such as Photoshop to develop more advanced techniques in digital imaging and compositing.

PHT2000 PROFESSIONAL PHOTOGRAPHIC GENRES AND STYLES (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B
Pre-requisite: PHT1001

Students will examine and analyse the influence of leading photographers on contemporary photographic output. They will develop knowledge of specialist genres such as photography for advertising and commercial enterprises; photojournalism (news and documentary); PR and events coverage; sports and action photography; travel, food, fashion and street photography; still life and product photography; architectural and urban photography; landscape and nature; portraiture and fine art. They will also continue to advance their practical skills in appropriate photographic software and use ethical decision-making in responding to content briefs.

PHT2001 PHOTOGRAPHIC STUDIO AND FIELDWORK (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B
Pre-requisite: PHT1001

Students in this course will adapt and extend their knowledge and skills with composition and lighting to suit various in-studio or on-location practical requirements. Emphasis will be on using external flash and light modifiers to control light on location. Students will also be guided in the fundamentals of studio lighting and its application to home studios. They will be given the opportunity to develop further photographic technical expertise with both photographic equipment and editing software, and will develop cultural, environmental, and social awareness.

PHT2002 ADVANCED DIGITAL IMAGING AND ADAPTATION (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B
Pre-requisite: PHT1001

Students will advance their skills in photographic imaging, image enhancement, and visual communication in order to control a mes sage across a range of platforms, including social media. Through practice-led learning, examination of case studies, and academic in quiry, students will examine and explore the principles and practice of abstraction, construction, fabrication, and fact, and apply these to visual storytelling.

PHT3000 PHOTOGRAPHIC CONCEPT AND DESIGN (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B
Pre-requisite: PHT2002

Students will consolidate their expertise as photographers by produc ing professional-standard work in response to briefs and editorial di rection. Through mentorship and Work-Integrated Learning, they will manage a professional project, and deliver communications solutions for clients by producing innovative and professional presentations of photographic work. They will investigate the technology differences in work flow for film and digital photography, including file manage ment, production selection, and archiving.

PHT3001 ADVANCED DSLR SKILLS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Photography) Band 1A
Pre-requisite: PHT2001

In this course, you will gain essential skills and valuable insights in pre-production, location shooting and post-processing in the modern DSLR production environment. Using a combination of weekly prac tical learning activities, course work and case studies, you will learn how to work effectively and creatively with clients to develop a concept for a DSLR camera shoot; then produce, direct and shoot profession al-standard work which conveys a compelling story. You will also learn to colour correct, add visual effects, and edit with Adobe Premier Pro post-production software. The course also focuses on best practices for file storage and delivery for various media formats, and how to market your DSLR shooting skills by launching productions in social media.

PHT3002 BUSINESS OF PHOTOGRAPHY (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Photography) Band 1A
Pre-requisite: PHT2001

Through a series of weekly practical learning activities, examinations of case studies and course work, you will gain essential skills and valuable insights for setting up and operating a successful photogra py enterprise. You will analyse and organise your own body of work, collated throughout your Professional Photography major, into an effective online portfolio which reflects your professional brand and targets a specific client base. You will learn how to refine your client-communication skills to successfully present yourself and pitch your photo shoot concepts to clients; how to accurately cost a photo shoot and price your work; and how to promote your services via social media and traditional marketing streams. You will examine your legal and professional responsibility to operate your business ethically, by complying with defamation and commercial shooting permit require ments; and will expand your knowledge in safeguarding your interests via professional contracts, business insurance and copyright provi sions.

PHY1101 ASTRONOMY 1 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Astronomy) Band 2

This course forms an introduction to astronomy and astrophysics - the study of the universe around us. Astronomy is presented as a tool to understand our origins and place in the universe, and the way that our knowledge and understanding of astronomy has developed over the millennia is discussed in the course's early stages. The basic concepts that allow us to study the universe are then introduced, giving students the framework to understand how we study the cos mos, and laying the groundwork for their wider study of astronomy and astrophysics. The course teaches students how things move in the sky, and through space, explains the seasons, and how phenom ena such as eclipses work.

PHY1104 PHYSICS 1 (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Physics) Band 2
Co-requisite: (MAT1102 or ENM2600) or Students must be enrolled in one of the following Programs: MSCN or GDSI or GCSC

Physics is about the fundamental natural laws governing our universe. Taken as a whole, physics can be considered as the behaviour of just two fundamental quantities (space-time and mass-energy) in the presence of just four fundamental forces (gravitational, electromag netic and strong and weak nuclear forces). Using physics, a small set of profound natural laws thus can be used to make sense of the complexities of the natural world, as well as the design and operation of our technology. Physics can be divided into different fields of study, with "classical physics" covering mechanics, acoustics, thermodynam ics, electromagnetism and optics, and "modern physics" encompass ing relativity and the quantum mechanics of light of matter. This course is called Physics 1 as it examines the conceptual basis of mechanics, acoustics and thermodynamics, and is a companion course to Physics 2, which covers electromagnetism, optics and modern physics. In this course students are provided with a compre hensive introduction to key concepts for physical science students, and obtain practice with relevant calculus based problem solving and experiments.

PHY1107 ASTRONOMY 2 (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Astronomy) Band 2

The astronomy course is about the Sun, the stars and galaxies, and includes cosmology, the study of the universe as a whole, and astro biology, the study of life in the universe. The course begins with the Sun, our local typical star, and moves onto a survey of the stars of the night sky. The course then discusses how stars form, evolve, die and end up as stellar remnants. Our Milky Way galaxy is then intro duced, as a prelude to a survey of other galaxies. Following this, the universe on the grandest scale is examined, from its origins in the Big Bang, to its future as an expanding, accelerating cosmos. Finally, we take a look at life on Earth, and how life and intelligence could arise elsewhere. Access to Mt Kent Observatory data is provided as part of this course, so that students can observe "deep sky" objects beyond our solar system. This course follows on from PHY1101 As tronomy 1 (which focuses on planetary science), but may be taken independently.

PHY1911 PHYSICS 2 (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Physics) Band 2
Co-requisite: (MAT2100 or ENM1600) or Students must be enrolled in one of the following Programs: MSCN or GDSI or GCSC

Physics is about the fundamental natural laws governing our universe. Taken as a whole, physics can be considered as the behaviour of just two fundamental quantities (space-time and mass-energy) in the presence of just four fundamental forces (gravitational, electromag netic and strong and weak nuclear forces). Using physics, a small set of profound natural laws thus can be used to make sense of the complexities of the natural world, as well as the design and operation of our technology. Physics can be divided into different fields of study, with "classical physics" covering mechanics, acoustics, thermodynam ics, electromagnetism and optics, and "modern physics" encompass ing relativity and the quantum mechanics of light of matter. This course is called Physics 2 as it examines the conceptual basis of electromagnetism, optics and modern physics and is a companion course to Physics 1, which covers mechanics, acoustics and thermo dynamics. In this course students are provided with a comprehensive introduction to key concepts for physical science students, and obtain practice with relevant calculus based problem solving and experi ments.

PHY2204 ASTRONOMICAL TECHNIQUES (FHESC - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Astronomy) Band 2
Pre-requisite: PHY1104 and PHY1911

This course introduces the science, techniques and technology of observational astronomy and astrophysics. Topics include astronom ical observing, astrometry, photometry, spectroscopy, telescopes, optics, detectors and data analysis. Additional topics develop technical skills through the use of assignments. Data obtained from UniSQ's Mt Kent Observatory is made available to students enrolled in this course, to provide an opportunity for learning practical skills used in astronomical and space sciences.

PHY2206 MEDICAL PHYSICS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Physics) Band 2

An understanding of the physical processes that govern some diag nostic techniques and the functioning of aspects of the human body will be provided. The topics covered are the eye and light, fibre optics and lasers, sound and hearing, ultrasonics, electrical signals, pres sure, X-rays, radionuclides, radiotherapy, measuring and safety with ionising radiation, detectors and magnetic resonance imaging.

PHY2207 OPTICS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Physics) Band 2
Pre-requisite: PHY1104 and PHY1911

This course is an intermediate treatment of optical physics, which builds and expands upon the material covered early in the major. Topics include complex and three-dimensional representation of wave motion, advanced treatment of reflection and refraction, optical component and device analysis including treatment of aberrations, wave superposition analysis, electromagnetic field equation analysis of polarisation and applications, field equation analysis of interference and diffraction, Fourier optics and coherence, and modern optical applications.

PHY2208 PLANETARY AND EXOPLANETARY SCIENCE (FHESC - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Astronomy) Band 2
Pre-requisite: PHY1101

This course introduces planetary science, the study of our planetary system and others. Topics covered in this course include Physical Processes in the Solar System, The Terrestrial Planets, The Jovian Worlds, Minor Bodies of the Solar System, and The Formation of Planetary Systems. Additional topics develop scientific skills through the use of assignments.

PHY3303 MODERN PHYSICS (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Physics) Band 2
Pre-requisite: PHY1104 and PHY1911

Modern physics covers the extraordinary developments in physics that have taken place over the last century or so (and which promise to continue, thanks to the search for a unified theory of everything and the discovery of an expanding universe). This course covers special and general relativity, the quantum description of light and matter, and quantum and statistical mechanics. Also covered are topics on atoms, molecules, solids, and nuclear and particle physics, and a concluding online section on modern cosmology. The theory in this course is supported by practice with relevant problem solving, and experiments. This course contains a highly recommended resi dential school (non-attendance will mean the student misses both an element for assessment preparation and an element of assess ment).

PHY3304 PHOTONICS (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Physics) Band 2
Pre-requisite: PHY1104 and PHY1911

This course will explore classical optical physics in depth, including geometrical optics, optical instrumentation (such as telescopes), in terference and diffraction along with classical electromagnetic theory, and other topics such as wave behaviour (polarization, dispersion, lasers, coherence, Fourier Optics). The quantum nature of light will also be explored in the context of quantum mechanics, detectors and optical fibres. This course contains a residential school that is linked to an assessment item and an element of assessment preparation.

PHY3305 QUANTUM MECHANICS (FHESC - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Physics) Band 2
Pre-requisite or Co-requisite: PHY3303

This course extends the quantum concepts studied in PHY3303 Modern Physics. The course aims to introduce specific techniques and notations to analyse and increase comprehension of quantum mechanics, including the matrix and Dirac notation of Hilbert space, the time independent and dependent solutions of the Schrodinger equation for different energy potentials and how to utilise these solu tions for the modelling of energy potentials within the atom, the theo retical modelling of tunnelling and its implications, the theoretical development of the Zeeman effect, and the implications of the quantum modelling of the hydrogen atom and how it relates to the rest of the Periodic Table.

PHY3306 SOLAR AND STELLAR ASTRONOMY (FHESC - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Astronomy) Band 2
Pre-requisite: PHY1104 and PHY1911

This course introduces stellar astronomy and astrophysics. Topics covered in this course include Binary Systems and Stellar Parameters, The Classification of Stellar Spectra, Stellar Atmospheres, The Inte riors of Stars, The Sun, The Process of Star Formation, Post-Main-Sequence Stellar Evolution, Stellar Pulsation, Supernovae, The De generate Remnants of Stars, Black Holes, and Close Binary Star Systems. Additional topics develop scientific skills through the use of assignments.

PHY3307 GALACTIC AND EXTRAGALACTIC ASTRONOMY (FHESC - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Astronomy) Band 2

Pre-requisite: PHY1104 and PHY1911

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 assignments. Mt Kent Observatory is also made available via remote access to students enrolled in this course, to provide an opportunity for learning practical skills used in astronomical and space sciences.

PHY8001 OBSERVATIONAL ASTRONOMY (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 2 (Astronomy) Band 2

This course introduces the science, techniques and technology of observational astronomy. Topics include astronomical observing, astrometry, photometry, spectroscopy, telescopes, optics, detectors and data analysis. Additional topics develop technical skills through the use of assignments.

PHY8002 PLANETARY SCIENCE (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 2 (Astronomy) Band 2

This course introduces planetary science, the study of our planetary system and others. Topics covered in this course include Physical Processes in the Solar System, The Terrestrial Planets, The Jovian 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 ASTRONOMY AND COSMOLOGY (FHESC - PGRD)

Semester 2 (ONL)Toowoomba

Units 2 (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 and technical skills through the use of assignments.

PHY8004 STELLAR ASTRONOMY (FHESC - PGRD)

Semester 2 (ONL)Toowoomba

Units 2 (Astronomy) Band 2

This course introduces stellar astronomy. Topics covered in this course include Binary Systems and Stellar Parameters, The Classification of Stellar Spectra, Stellar Atmospheres, The Interiors of Stars, The Sun, The Process of Star Formation, Post-Main-Sequence Stellar Evolution, Stellar Pulsation, Supernovae, The Degenerate Remnants of Stars, Black Holes, and Close Binary Star Systems. Additional topics develop scientific skills through the use of assignments.

PMC1000 APPLIED PATHOLOGY (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich

Units 1 (Human Biology) Band 2

Pre-requisite: BIO1203

Pathology is the scientific study of disease processes. It encompasses knowledge of functional and structural changes in the body both at a cellular and systemic level. An understanding of aetiology, pathogenesis and morphological change that occurs as a result of a disease are presented in this course. Key aspects of pathology as required in paramedic practice are addressed.

PMC1101 PUBLIC HEALTH (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich

Units 1 (Public Health not elsewhere cl) Band 2

Public Health (PMC1101) will introduce concepts and data surrounding public health and provides students with an understanding of health outcomes and associated determinants within Australia and globally. Factors influencing health and disease within various population groups and communities, as well as health promotion principles will be explored and analysed throughout this course to prepare students for their role as future health professionals.

PMC1110 INTRODUCTION TO PARAMEDICINE (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich

Units 1 (Paramedical Studies) Band 2

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

This course will provide students with the opportunity to establish foundational knowledge, skills and professional attributes that are essential to work in the paramedicine profession. Students will begin to develop interpersonal skills with a particular emphasis on practitioner and patient health and wellbeing. The course will utilise a practice-based learning andragogy, incorporating problem-based learning, case-based learning, and work-integrated learning with strong links to graduate employability. Activities will include online lectures and self-directed content, collaborative workshops, and practical laboratories.

PMC1200 INTRODUCTION TO EVIDENCE-BASED PRACTICE (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich

Units 1 (Paramedical Studies) Band 2

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

Introduction to Evidence-Based Practice provides the fundamental skills to find, critically evaluate and integrate the evidence to improve patient healthcare outcomes. This course highlights the importance of utilising the best available evidence in clinical practice within the context of the patient's values and preferences. On completion of this course, students will be able to formulate research questions and search the most optimal database to discern high-quality evidence. Importantly, students will understand the need to re-evaluate the evidence as a core component of their clinical practice. This course adopts practice-based learning (PBL) as a learning and teaching approach. PBL is a social model that emphasises collaborative engagement between lecturers and students. PBL is also firmly grounded in authenticity and relevance to the paramedic and wider healthcare professions. Consequently, this course draws heavily on the student's own observations and real-world case examples to enhance learning experiences.

PMC1202 PARAMEDIC SKILLS 2 (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich

Units 1 (Paramedical Studies) Band 2

Pre-requisite: PMC1110

Students will further develop their knowledge and skills through being introduced to common medical and traumatic presentations encountered in paramedic practice. By integrating theoretical knowledge with practical skills, students will be able to assess, develop and implement management plans for selected conditions. This course will allow students to acquire a working knowledge of pharmacology and electrocardiography within paramedic practice. Additionally, students will gain experience working in operational environments including the use of communication equipment.

PMC1303 PARAMEDIC PLACEMENT 1 (FHESC - UGRD)

Semester 1 (ONC)Ipswich

Semester 2 (ONC)Ipswich

Semester 3 (ONC)Ipswich

Units 1 (Paramedical Studies) Band 2

Pre-requisite: BIO1203 and PMC1101 and PMC1110 and PMC1202

This course will introduce students to an experience with an emergency ambulance service. During the four weeks the student will be able to participate in the assessment and management of patients under the supervision of a qualified paramedic. Throughout this practical placement, students will be expected to participate actively and professionally in the operational environment. Students can only perform skills, procedures and tasks commensurate with their scope of practice and for which specific authorisation has been received.

PMC2000 PHARMACOLOGY FOR PARAMEDICS (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich

Units 1 (Paramedical Studies) Band 2

Pre-requisite: BIO1206 and PMC1000

This course will analyse basic principles of pharmacokinetics, pharmacodynamics, the structure and function of commonly used medications and the pharmacology of the major classes of medications that students and paramedics may encounter in paramedic practice. Students will also learn how variables such as age, size and comorbidities affect responses to medication. Finally, students will be presented with the principles and processes aligned with the safe administration of medications.

PMC2102 PARAMEDIC SKILLS 3 (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich

Units 1 (Paramedical Studies) Band 2

Pre-requisite: PMC1202 OR (from 2023) Pre-requisite: PMC1202
Pre-requisite or Co-requisite: PMC2111 and PMC2112

This course is designed to offer students a comprehensive educational experience. While the core theory is covered in associated second year courses, the focus of this course is to consolidate knowledge through the practical application of concepts, guidelines, procedures and protocols. Furthermore, this course progressively builds on the foundational skills learned in first year.

PMC2110 PARAMEDIC PRINCIPLES 1 (FHESC - UGRD)

Semester 3 (ONL)Toowoomba

Units 1 (Paramedical Studies) Band 2

Pre-requisite: PMC1105 and PMC1000

Cardiovascular and respiratory conditions are the most common medical emergencies managed by paramedics. This course will focus on the epidemiology, pathophysiology, clinical manifestations and therapeutic management of patients with cardiovascular and respiratory conditions and emergencies. This course will also develop the students' ability to source acquire and critically appraise evidence and apply findings those findings to paramedic practice.

PMC2111 CARDIOVASCULAR CONDITIONS AND EMERGENCIES (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich

Units 1 (Paramedical Studies) Band 2

Pre-requisite: BIO1206 and PMC1000 Pre-requisite or Co-requisite: PMC2000 OR (from 2023) Pre-requisite: BIO1206 and PMC1110 and PMC1000 Pre-requisite or Co-requisite: PMC2000

This course will develop students' ability to acquire and critically appraise evidence to apply the findings in healthcare practice. This course aims to equip students with the clinical reasoning, problem solving and clinical judgements skills to determine the most appropriate evidence-based treatment options to deliver safe and effective care. The course utilises practice-based learning pedagogy with a focus on the epidemiology, pathophysiology, clinical manifestations, and therapeutic management of patients with cardiovascular conditions and emergencies. All learning opportunities, including online discussion, peer learning activities and assessments are designed to develop students' diagnostic and clinical reasoning skills to risk stratify patients safely and justify alternate treatment pathways if appropriate.

PMC2112 RESPIRATORY CONDITIONS AND EMERGENCIES (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich

Units 1 (Paramedical Studies) Band 2

Pre-requisite: BIO1206 and PMC1000 Pre-requisite or Co-requisite: PMC2000 OR (from 2023) Pre-requisite: BIO1206 and PMC1110 and PMC1000 Pre-requisite or Co-requisite: PMC2000

This course will develop students' ability to acquire and critically appraise evidence to apply the findings to healthcare practice. This course utilises practice-based learning pedagogy with a focus on the epidemiology, pathophysiology, clinical manifestations, and therapeutic management of patients with respiratory conditions and emergencies. All learning opportunities, including online discussion, peer learning activities and assessments are designed to develop students' diagnostic and clinical reasoning skills to risk stratify triage patients safely and justify alternate treatment pathways if appropriate. This course aims to equip students with the clinical reasoning, problem solving and clinical judgements skills to determine the most appropriate evidence-based treatment options to deliver safe and effective care to patients with respiratory conditions or emergencies.

PMC2201 MULTI TRAUMA (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich

Units 1 (Paramedical Studies) Band 2

Pre-requisite: BIO1206 and PMC1000 Pre-requisite or Co-requisite: PMC2000 OR (from 2023) Pre-requisite: BIO1206 and PMC1110 and PMC1000 Pre-requisite or Co-requisite: PMC2000

PMC2201 Multi Trauma provides students with comprehensive coverage of the epidemiological, pathophysiological, clinical presentation and best practice management of specific traumatic, environmental and envenomation related injuries. Content also addresses multiple casualty incidents (MCIs) and emphasises the importance of critical decision making.

PMC2202 PARAMEDIC SKILLS 4 (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich
Units 1 (Paramedical Studies) Band 2

Pre-requisite: PMC2102 Pre-requisite or Co-requisite: PMC2201 OR (from 2023) Pre-requisite: PMC2102 Pre-requisite or Co-requisite: PMC2201 and PMC2211

The course is designed to offer students a comprehensive educational and skill development experience. A key emphasis of this course is to further expand communication skills to include communicating with people experiencing adverse conditions such as agitation. Paramedic Skills 4 also includes skill development in musculoskeletal and neurological injuries and behavioural conditions and emergencies.

PMC2203 PARAMEDIC PLACEMENT 2 (FHESC - UGRD)

Semester 1 (ONC)Ipswich
Semester 2 (ONC)Ipswich
Semester 3 (ONC)Ipswich
Units 1 (Paramedical Studies) Band 2

Pre-requisite: PMC1303 and PMC2102 OR (from 2023) Pre-requisite: PMC1303 and PMC2102 and PMC2111 and PMC2112

The second practical placement of 163 hours provides the students with the opportunity to perform as a functional member of a paramedic team under the supervision of a qualified paramedic. The student should incorporate their increased knowledge and skills by contributing to assessment and management of patients who present with cardiovascular and respiratory conditions, as well as the general assessment of other patients.

PMC2210 PARAMEDICINE PRINCIPLES 2 (FHESC - UGRD)

Semester 3 (ONL)Toowoomba
Units 1 (Paramedical Studies) Band 2
Pre-requisite: PMC1105 and PMC1000

Medical and surgical emergencies account for a significant portion of the cases attended by paramedics. Therefore, this course will examine a diverse range of conditions including neurological, endocrine, metabolic, renal and gastrointestinal. The epidemiological, pathophysiological and clinical presentations of these conditions will also be covered. This course will also develop the students' ability to acquire and critically appraise evidence and determine the relationship between provisional and differential diagnosis.

PMC2211 BEHAVIOURAL CONDITIONS AND EMERGENCIES (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich
Units 1 (Paramedical Studies) Band 2
Pre-requisite or Co-requisite: PMC1110

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 risk. This course will enable students to further their knowledge and application 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-orientated practice, ethics, legal issues, self-awareness and reflective practice, safety, evidence-based practice and the role of a paramedic within the broader health system.

PMC3000 ETHICS, LAW AND CULTURE FOR HEALTHCARE PROFESSIONALS (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich
Units 1 (Health not elsewhere classified) Band 2

Pre-requisite: PMC1101 OR (from 2023) Pre-requisite: PMC1101 and PMC1110 and PMC2211 and Students must be enrolled in the following Program: BPS

This course will contextualise how ethics, laws and culture impact on contemporary paramedic practice. The evolution of healthcare from a paramedic practice perspective will be examined. An understanding of bioethics and how ethical decisions can be made within healthcare will be explored. Students will have the opportunity to develop their understanding of the legal responsibilities associated with providing care. Students will further develop their understanding of caring for vulnerable populations. Students will examine relevant codes of conduct, competency standards and professional registration. This course also focuses on cultural safety with an emphasis on the importance of cultural awareness and respect, in the delivery of healthcare to individuals and communities.

PMC3101 EVIDENCE BASED PRACTICE FOR HEALTHCARE PROFESSIONALS (FHESC - UGRD)

Semester 1 (ONL)Toowoomba
Semester 3 (ONL)Toowoomba
Units 1 (Paramedical Studies) Band 2

Pre-requisite: Students are required to complete 8 units prior to enrolment in this course.

Evidence Based Practice for Healthcare Professionals enables extend their knowledge of research and research processes. This course provides students with an opportunity to examine data collection and data analyses, and appreciate the applicability of research to healthcare professionals. Finally, this course enables student to evaluate and compare research findings to identify best practice/s.

PMC3103 PARAMEDICINE PLACEMENT 3 (FHESC - UGRD)

Semester 1 (ONC)Ipswich
Semester 2 (ONC)Ipswich
Semester 3 (ONC)Ipswich
Units 1 (Paramedical Studies) Band 2

Pre-requisite: PMC2203 OR (from 2023) Pre-requisite: PMC2203 and PMC2211

The third practical placement of five weeks provides the students with the opportunity to perform as a functional member of a paramedic team under the supervision of a qualified paramedic. The student should incorporate their increased knowledge and skills by contributing to assessment and management of patients who present with cardiovascular and respiratory conditions, as well as the general assessment of other patients.

PMC3110 PARAMEDICINE PRINCIPLES 3 (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich
Units 1 (Paramedical Studies) Band 2

Pre-requisite: PMC1000 and PMC2000 OR (from 2023) Pre-requisite: PMC1000 and PMC1110 and PMC2000

Non-acute care includes assistance provided to pregnant women or women experiencing childbirth with associated non-urgent complications. Other individuals that require management for non-acute presentations may include minor injuries or illnesses, social issues, complex or chronic illness, or palliative care issues. Additionally, this course will address the management of conditions relating to the urogenital, renal and reproductive systems, inclusive of childbirth and neonatal resuscitation. It will also explore the alternate and complementary management pathways for patients with various low acuity illness or injuries, complex or chronic illnesses, palliative care and/or those who fit into one or more of the vulnerable client demographic groups.

PMC3201 PRACTICE AND LEADERSHIP FOR HEALTH PROFESSIONALS (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich
Units 1 (Paramedical Studies) Band 2

Pre-requisite: PMC2203 and Students must be enrolled in the following Program: BPS

Practice and Leadership for Health Professionals will prepare students for employment in healthcare services and organisations. Students will have the opportunity to apply previously acquired knowledge and skills to practice as a professional and leader. Students will gain knowledge of leadership theories, frameworks and principles. Students will integrate knowledge previously gained in situations such as mentoring, coaching and communicating with others, particularly in a difficult environment, Practice and Leadership for Health Professionals will inform students of the role and importance of clinical governance and professional competencies within professional practice.

PMC3203 PARAMEDIC PLACEMENT 4 (FHESC - UGRD)

Semester 1 (ONC)Ipswich
Semester 2 (ONC)Ipswich
Semester 3 (ONC)Ipswich
Units 1 (Paramedical Studies) Band 2
Pre-requisite: PMC3103

During the fourth placement of five weeks, students will be expected to perform as an integral third crew member and significantly contribute to clinical decision making and treatment decisions as well as actively participate in the patient care. Students will be expected to undertake many tasks independently while demonstrating a thorough knowledge and understanding of ambulance equipment, procedures, processes and documentation.

PMC3220 APPLIED PARAMEDICINE 1 (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich
Units 1 (Paramedical Studies) Band 2

Pre-requisite: BIO1206 and PMC2000 and PMC2201 OR (from 2023) Pre-requisite: BIO1206 and PMC1110 and PMC2000 and PMC2201 and PMC2111 and PMC2112 and PMC3111

This course will build on all the content addressed throughout this program and requires students to apply knowledge and principles to three specific health subsets within a population. Although the principles of assessment, diagnosis and management remain the same, they are applied differently in relation to children, the elderly and obese based on their specific developmental, physiological, pathological and psychosocial requirements.

PMC3230 APPLIED PARAMEDICINE 2 (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich
Units 1 (Paramedical Studies) Band 2

Pre-requisite: PMC3110 Pre-requisite or Co-requisite: PMC3220 OR (from 2023) Pre-requisite: PMC3110 and PMC2211 Pre-requisite or Co-requisite: PMC3220

Applied Paramedicine 2 is a capstone course that addresses content to enable students to operate as a graduate paramedic. This capstone course provides the opportunity for all previously acquired skills, knowledge and attributes to be refined to prepare graduates for practice within the industry. In particular, the content will address clinical decision making, critical thinking, reflective practice and review the overall competencies required to practice as a paramedic.

POL1001 DEMOCRACY AND POWER IN AUSTRALIA (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (Political Science) Band 1B

Enrolment is not permitted in POL1001 if POL1000 has been previously completed

In this course you will analyse and critically examine political arguments in order to come to informed opinions about the state of Australian democracy and proposals to improve it. There is a strong focus on developing skills in critical thinking, ethical research, and academic writing. We consider the power of businesses and the wealthy to influence government through lobbying, the power of communities and social movements to have their voices heard, and the ways in which social media and other information technologies have changed the nature of democratic participation and political power.

POL2002 THE POLITICAL ECONOMY OF NEW AND EMERGING TECHNOLOGIES (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Political Science) Band 1B

Pre-requisite: Students must have completed two courses in their program

In this course, you will critically engage with arguments about the social and economic implications of new and emerging technologies. It has a strong focus on developing critical thinking skills, which will help you in evaluating arguments about the benefits and risks of technological change and engaging with specific problems and conflicts caused by particular technologies. You will explore the impact of automation and AI on the future of work, the privacy implications of Big Data, and the impact of human enhancement and life extension on social inequality. This course assumes no prior knowledge of technology, economics, or politics.

PRL1002 THE PR PLAYBOOK: PRACTICE AND TOOLS (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfield (ONC)Springfield (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Public Relations) Band 7

In this course, you will develop foundational knowledge of the nature of public relations and its applications as an essential communications field. You will examine the theoretical models that inform effective practice and begin to explore specialist fields of practice. This is a practice-focused course that provides a foundation for future PR professional upskilling in areas such as advocacy and reputation management.

PRL1005 DIGITAL NETWORKS FOR PR (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfield (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfield
Units 1 (Communication and Media Studies) Band 1B

In this course, you will begin to develop digital engagement techniques for public relations (PR) using best-practice protocols. You will plan and implement digital components of PR campaigns including purpose-specific written communication. Through developing knowledge in the use analytics for campaign measurement, you will make responsive adjustments and evaluation for a specific purpose. You

PRL1006 CRAFTING PR CONTENT (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Public Relations) Band 7

In this course, you will learn about target publics, how to effectively connect and communicate with them. You will explore theories on what motivates people to hold certain attitudes and undertake certain behaviour, and what can influence changes to these. Throughout the course you will learn how to write and develop promotional content using a range of media tools for diverse communication channels including mainstream and social media, web pages, blogs, speeches, and corporate collateral.

PRL2002 COMMUNITY CONSULTATION AND ENGAGEMENT (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B

In this course, you will explore contemporary communication management strategies and techniques used by Public Relations professionals for community engagement. You will develop practical and conceptual skills in relation to the trends, issues and processes involved in consultation, project planning and implementation, and the inclusion of publics in an organisation's decision-making.

PRL2006 EVENT PLANNING AND DELIVERY (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Public Relations) Band 7

In this course, you will approach event planning and delivery as a tool in the public relations discipline. Practitioners have a range of reasons to use events as an effective means to develop relationships and deliver specific outcomes for clients, and in this course you will explore these to help you plan events from conception to delivery, and evaluate their effectiveness. You will also explore risk management and mitigation as you work through the process of planning and delivering an event.

PRL2012 PR RESEARCH AND ANALYTICS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B
Students who have completed PRL3012 are not permitted to enrol in PRL2012.

In this course, you will use analytics as a driver for public relations professional practice. You will develop skills in using analytics as a tool to manage specific PR problems, and to produce effective and targeted PR solutions to meet client needs. You will learn how to conduct qualitative and quantitative research; and how to collect data using observation, in-depth interviews, surveys and focus groups. It also develops skills and knowledge required for analysis of data such as stakeholder mapping, issues and opinion monitoring, social analytics, and the ethical considerations involved in PR research.

PRL3001 EFFECTIVE PR CAMPAIGNS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Public Relations) Band 7
Pre-requisite: PRL2012 or PRL3012

Effective public relations campaigns depend on a creative, perceptive and step-by-step approach. In this course you will work on a real-world problem for a real client. You will research a situation, an organisation and its environment to connect with and motivate its target publics. Insights from your research will help you participate in the development of a campaign including aims, objectives, detail of target groups, and creative connection strategies. As a final step, you will evaluate the success of the campaign. You will work closely with the course team and peers, as senior and junior consultants, throughout the campaign development process to pre-implementation stage.

PRL3005 REPUTATION, ISSUES AND CRISIS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Public Relations) Band 7

In this course you will be equipped with the skills and knowledge to build and protect the reputation of your organisation or individual client. You will apply relevant contemporary skills in communication and relationship-building to build trust and manage emerging issues based on real-life scenarios. You will learn how to implement responsive PR ideas to develop proactive and reactive strategies that will support the client you represent and authentically engage their target publics.

PRL5000 CHANGE COMMUNICATION (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Public Relations) Band 7

This course is designed to introduce students to the theory and practice of public relations campaigns for behaviour change. Topics covered include the nature and history of public relations, particularly in health, the environment, disaster management and other fields where behaviour change can have individual and community social benefit. The tools of public relations, identification of internal and external publics, design of public relations campaigns, and methods of assessing their effectiveness are examined. The important role of social and PR research in the development of behaviour change campaigns is considered in detail. The concept of public relations as a management function is explored and the student is introduced to the fundamentals of public relations campaigns, 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)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Public Relations) Band 7

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 management strategies which reflect their ability to adapt to specific workplace needs. In their efforts to minimise risks and to deal with them students will examine risk identification, advance preparation, environmental surveillance, crisis management planning, and evaluation. At all times students will be encouraged to develop a commitment to ethical and responsible practices as part of the on-going development of effective issues management strategies and to develop appropriate communication policies used to facilitate issues management plans.

PRL8003 STRATEGIC COMMUNICATION PLANNING (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Public Relations) Band 7

Strategic communication planning is a function of senior public relations practitioners and is critical in bringing all of the factors of reputation management together. This course provides advanced professional preparation for students who are at a high level in the field or are contemplating working at executive level in public relations. The course reviews public relations theory and how it relates to campaign planning, and takes the student through each step of developing a strategic communication plan for an organisation, including the communication audit and other methods of research, adaptation of the research into a strategy, implementation of the strategy and evaluation.

PRL8005 MANAGEMENT COMMUNICATION (FBELA - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B

This course is designed to enable students to make an effective transition from a technical role in public relations to a managerial role. It reviews the current place of public relations in organisational activity and helps students identify the obstacles they will encounter in their efforts to manage an effective organisational communication program. It covers interaction with the senior management team, leadership at both team and organisational levels, negotiation and other interpersonal skills, and the importance of internal communication and stakeholder relations to improved organisational reputation.

PRL8008 SOCIAL MEDIA FOR ORGANISATIONS (FBELA - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Communication and Media Studie) Band 1B

This course examines social media, its role in participatory culture and the increasing transference of influence from organisations to individuals and other organisations via various digital platforms. By examining the definitions of social media in a contemporary context this course looks at how organisations can leverage emerging social media opportunities within the regulatory and social frameworks. The course provides an overview of social theory and critically examines participatory culture, and the effective scope of contemporary social media platforms from an individual and organisational perspective. The monetisation of social media together with the emergence of data mining and other trends critically evaluate the future direction of social media as an organisational communication tool.

PSG3900 PROFESSIONAL WEEK 1 (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba
Units 0 (EnginTech not classified) Band 2
Pre-requisite: Students must be enrolled in one of the following Programs: BSPS or BSPH or BURP

A major portion of this course is directed at the preparation for the commencement of your final year PSG4111 Research Project A & PSG4112 Research Project B. This preparation includes consulting with supervising staff, a lecture and attendance at the annual "Project Conference" in which PSG4900 Professional Week 2 students present their completed project work to other students, staff and members of various professions. This course contains a mandatory residential school for external students.

PSG4111 RESEARCH PROJECT A (FHESC - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (EnginTech not classified) Band 2
Pre-requisite: (PSG3900 or ENG3902) and ENG4110 and Students must be enrolled in one of the following Programs: BSPS or BSPH or BURP. Students must complete PSG4111 and PSG4112 in the same year.

The project (comprising PSG4111 Research Project A immediately followed by PSG4112 Research Project B) 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 major study. Following this the student will (i) research the background, context and literature, (ii) develop an appropriate methodology, (iii) demonstrate a sound appreciation of the overall task and its constraints by formal reporting, and (iv) make substantial progress in the execution of the work.

PSG4112 RESEARCH PROJECT B (FHESC - UGRD)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 1 (EnginTech not classified) Band 2
Pre-requisite: PSG4111 and Students must be enrolled in one of the following Programs: BSPS or BSPH or BURP. Students must complete PSG4111 and PSG4112 in the same year.

Following satisfactory progress in PSG4111 Research Project A in the preceding semester of offer, and with the continuing guidance of supervisor/s, the student will further develop skills spanning both the technical and non-technical dimensions of planning, surveying and spatial science at the professional level. The student will study and replicate the rationale, style and format of the journal paper and present the total project work (comprising PSG4111 Research Project A and PSG4112 Research Project B) as a journal paper.

PSG4900 PROFESSIONAL WEEK 2 (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba
Units 0 (EnginTech not classified) Band 2
Pre-requisite: (PSG3900 or ENG3902) and Students must be enrolled in one of the following Programs: BSPS or BSPH or BURP. Students cannot enrol in PSG3900 and PSG4900 in the same semester.

A major part of all surveying, planning and spatial science project work is the appropriate communication of the outcome. This course provides guidance and experience in both verbal (seminar) and written reporting skills and is undertaken to complement the courses PSG4111 Research Project A and PSG4112 Research Project B in the final year of the degree. The presentation of a major seminar on the work undertaken during the final year project is a requirement for the completion of this course. This course contains a mandatory residential school for external students.

PSY1010 FOUNDATION PSYCHOLOGY A (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Ipswich
(ONC)Toowoomba (ONC)Ipswich
Semester 3 (ONL)Toowoomba
Units 1 (Psychology) Band 8

Psychology is concerned with understanding why people act and think as they do and how people differ. This course provides students with an understanding of the major concepts, techniques, and theoretical perspectives in psychology. Students will gain an appreciation of the main fields within the discipline. The major concepts of developmental psychology, personality, cross-cultural psychology, psychological disorders, therapy, health, and social psychology are introduced. Students will learn the correct procedures for presenting written material, citing references and constructing a reference list in the writing format recommended by the American Psychological Association (APA). Thus, it provides the foundational knowledge and core skills built on in subsequent undergraduate and postgraduate psychology courses to deepen discipline knowledge and strengthen skills.

PSY1020 FOUNDATION PSYCHOLOGY B (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich (ONL)Toowoomba

Units 1 (Psychology) Band 8

Psychology is concerned with understanding why people think and act as they do, and how people differ. This course is designed to provide students with a basic understanding of the main concepts, techniques and theoretical perspectives in psychology, and complements the material presented and examined in PSY1010 Foundation Psychology A. Students will gain an appreciation of the major fields within the discipline, including Memory and Learning Strategies, Research Methods in Psychology, the Biological Basis of Behaviour, Motivation and Emotion, Sensation and Perception, Learning through Classical and Operant Conditioning, Intelligence, Thought and Language, and Consciousness. Learn about the research process, and build skills in writing research reports in the APA standard format. In addition, students will participate in psychological research for course credit (Assignment 2). Thus, it provides the foundational knowledge and core skills built on in subsequent undergraduate and postgraduate psychology courses to deepen discipline knowledge and strengthen skills.

PSY1030 CROSS-CULTURAL AND INDIGENOUS PSYCHOLOGY (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich

Semester 3 (ONL)Toowoomba

Units 1 (Psychology) Band 8

This course focuses on cross-cultural and specifically Indigenous Australian psychology, exploring both those areas that are common to all humans and those that differ across people from various geographical regions, with different racial and ethnic identities, and from various other cultural groups. As cross-cultural research is increasingly influencing broad aspects of the practice of psychology, the course will cover the various findings to date and explore how cultural factors impact upon human emotion and behaviour, specifically in cognition, social functioning and development, personality and mental health, amongst other sub-disciplines. Students, including non-psychology students, will develop their personal and professional understanding and awareness of cultural variables in order to help prepare them for further training and development. A variety of teaching and learning methods are employed, including a number of practical and interactive exercises to help students apply new knowledge and practise new skills.

PSY1101 CRITICAL THINKING (FHESC - UGRD)

Semester 3 (ONL)Toowoomba

Units 1 (Psychology) Band 8

This course will provide you with the skills you need to think critically and creatively. In this course you will be provided the opportunity to examine your own beliefs, and possible biases, and how these may influence your capacity to make accurate inferences, and formulate more objective and unbiased interpretations. This course will provide you with the opportunity to develop skills in analysis, synthesis, logical deductive and inductive inferences, and problem-solving. You will learn how to properly use and critique evidence and defend decisions based on a careful analysis of the available information. Students will learn how to clarify goals, life values, identify conscious and unconscious influences on their thinking and behaviour, and how to apply a rigorous framework for making accurate interpretations, and clearly communicating and defending their viewpoints.

PSY1102 INTERPERSONAL SKILLS (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich (ONL)Toowoomba

Units 1 (Psychology) Band 8

Good communication skills are attributes that UniSQ affirms its graduates should have acquired upon completion of their degree. This course is aimed directly at fostering one aspect of communication skills; namely interpersonal communication skills. In this introductory level course, communications are broken down into their constituent parts in the first instance. That is, students' abilities to discern the meaning in other people's communication is examined. Students' skills to communicate meaning via speaking and writing are then addressed. These constituent processes are then combined in an interactive context.

PSY1104 PSYCHOLOGICAL SKILLS A (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich (ONL)Toowoomba

Units 1 (Psychology) Band 8

Pre-requisite: Students must be enrolled in one of the following Programs: BPSH or BSCI (13815 Psychology) or BSCI (17582 Psychology Extended) or BSCI (17327 Counselling) or BSCP (19382 Psychology) or BSCP (19385 Psychology Extended)

This course deals with the fundamental issues of research and professional skills. With respect to psychological research skills, we start by introducing the language of research through the basic constructs of any research program. We want to ensure that students understand the relationship between theory and its operationalisation through the manipulation and measurement of concrete variables and how hypotheses can be constructed from such considerations. With respect to professional skills development, the foundation of all professional practice is ethical practice and behaviour. This course requires students to be aware of, and to be able to apply, the APS code of ethics and the NHMRC National Statement on the Ethical Conduct of Human Research to professional and research issues. Finally, students' engagement in career development learning will focus on developing a career profile and understanding their career options.

PSY1105 PSYCHOLOGICAL SKILLS B (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich (ONL)Toowoomba

Units 1 (Psychology) Band 8

Pre-requisite: PSY1104

In PSY1105 students will continue their preparation in psychological research and professional skills. With respect to psychological research skills, the course applies the observational skills examined in Semester 1 to correlational research methods. As such, students will be required to conduct a survey, collect survey data, record results, and score and analyse obtained data. With respect to the professional skills component, the course will introduce students to foundation micro-counselling skills that are central to psychological practice. Students will also be introduced to coaching psychology skills to develop awareness of the technical skills required to stimulate individual change.

PSY2010 SOCIAL PROCESSES OF BEHAVIOUR (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Psychology) Band 8

Pre-requisite: PSY1010

Social psychology is introduced as the study of social behaviour at multiple levels from individual processes through to community-level social phenomena. Basic concepts of social psychology are introduced (e.g., socialisation, self-esteem, altruism, aggression, attitudes, communication, interpersonal relationships, prejudice, group processes, cultural issues, leadership and social influence). Applied skills relevant to assessment and research relevant to this field of psychology are also covered (e.g., assessing different kinds of evidence and applying theory to social problems).

PSY2020 MOTIVATION AND EMOTION (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Psychology) Band 8

Pre-requisite: PSY1010 and PSY1020

It will cover several interrelated 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)

Semester 2 (ONL)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba

Units 1 (Psychology) Band 8

Pre-requisite: PSY1010

The three goals of developmental psychology are to describe, explain, and optimise human development. This course aims to provide students with the knowledge necessary to achieve these goals. This course takes a life-span approach, introducing students to essential theories and methodologies employed in developmental study, as well as the characteristics and major developmental tasks of individuals at each phase of the life span: prenatal, birth, infancy, toddlerhood, childhood, adolescence, adulthood and the final phase of dying and death.

PSY2040 HUMAN INFORMATION PROCESSING (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Psychology) Band 8

Pre-requisite: PSY1020 and (PSY2100 or STA2300 or STA1003)

The course starts with an introduction to human perceptual processing, and a revision of sensation and perception (initially covered in Foundation Psychology B). The course builds upon this material by examining perceptual processes in a functional manner. The perception topics mainly involve vision, with minor mentions of the other senses, and include iconic memory, masking, optical illusions and signal detection theory, with a strong emphasis on experimental research and evidence. Following the introductory information, theories of perception; attention and attentional theories are discussed. The course then turns to an examination of human memory with an applied focus, covering topics such as short/long term memory, eyewitness testimony, false memory, and ageing, and includes the most prevalent and current theories of how memory can be best understood, along with evidence for and against such theories. Following memory, the final part of the course centres around reasoning (and reasoning errors). All content is examined toward the end of semester in an online multiple-choice quiz. In addition, the course allows students to build and demonstrate skills in data collection and in the analysis of simple datasets, graphing of results and the writing of APA-style Results and Discussion sections (assessed in Assignments 1 and 2).

PSY2050 FACILITATION AND NEGOTIATION (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONL)Toowoomba

Units 1 (Psychology) Band 8

Pre-requisite: PSY1102 for students enrolled in the BPSH and BPSB programs and CDS1001 or CDS1002 for students enrolled in the BSCI (Counselling) major. Students from other programs who wish to take this course will need permission from the examiner.

The course is divided into two parts. The first part concerns theories and principles which underpin models of facilitation and negotiation. Topics include theories of learning, principles of process design, evaluation models applicable to facilitated processes, reflective practice, and facilitation microskills. The second aspect of the course focuses on application of theories and skill development in individual and group settings. Students are required to demonstrate process design, facilitation microskills, and process management, in a structured and supported group learning task.

PSY2100 RESEARCH METHODS IN PSYCHOLOGY A (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Ipswich

Units 1 (Psychology) Band 8

Pre-requisite: PSY1010 and (STA2300 or STA1003). For students enrolled in Program BSSC with a major in BES: PSY1010 and STA3100

This course introduces the methods and statistics used to develop knowledge in the field of psychology. Topics covered include operationalising theoretical constructs, internal and external validity, sampling and assignment, and an introduction to experimental and observation research designs, including participation in computer-assisted laboratory data collection. Data analysis techniques include descriptive statistics, t-tests, correlation and regression as they pertain to psychological research. The concepts of statistical inference, decision making, and potential sources of error are also covered. Real data is used to develop practical analysis skills and enhance conceptual understanding.

PSY2104 PSYCHOLOGICAL SKILLS C (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONL)Toowoomba

Units 1 (Psychology) Band 8

Pre-requisite: PSY1105

This course deals with the fundamental issues of research and professional skills. With respect to psychological research skills, this course centres on development of skills typical of a competent research assistant. With respect to professional skills development, this course focuses on developing foundation skills in the administration and interpretation of psychological assessments and reflective practice.

PSY2105 PSYCHOLOGICAL SKILLS D (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Ipswich

Units 1 (Psychology) Band 8

Pre-requisite: PSY2104

This course further develops the research and critical thinking skills learned by students in other courses and also introduces students to the skills required to function effectively in mental health settings. With respect to the professional skills component, the course will introduce students to foundation intervention skills and models for therapeutic formulation and intervention. Students will be required to develop skills for thinking about issues that affect people, and to frame these within evidence-based approaches to psychological interventions. The Career Development Learning component engages students in a range of career development activities to prepare them for subsequent placements and/or employment.

PSY3010 ASSESSMENT OF BEHAVIOUR (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Ipswich
Units 1 (Psychology) Band 8
Pre-requisite: PSY2100

The course begins with coverage of the basic principles of psychological testing: 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. Students then apply these foundational principles to various aspects in which testing is conducted e.g. intelligence, personality, vocational aptitude and interests, clinical and neuropsychological functioning. Students can expect to learn about some of the major tests currently in use, and how these test results are communicated in written reports.

PSY3030 ABNORMAL PSYCHOLOGY (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Ipswich (ONL)Toowoomba
Units 1 (Psychology) Band 8
Pre-requisite: PSY1010

The course involves an elaboration of the main concepts and issues regarding abnormal behaviours and mental illness. Major questions addressed include: (1) what is mental illness? (2) what types of maladaptive behaviours and psychological disorders are there? (3) how are they classified? (4) what are the proposed aetiologies of these disorders and with what characteristics are they correlated? (5) what general modes are available to intervene in disorders? Students will require access to e-mail and internet access to UConnect for this course.

PSY3050 COUNSELLING PSYCHOLOGY (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Ipswich (ONC)Ipswich
Units 1 (Psychology) Band 8
Pre-requisite: PSY1010 or CDS3002

This course is designed to introduce the student to the theory and issues involved in counselling. Various models of counselling and behaviour change that constitute the field of counselling psychology will be examined along with an introduction to the major theories and their related techniques and interventions.

PSY3060 LEARNING AND BEHAVIOUR CHANGE (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Ipswich (ONL)Toowoomba
Units 1 (Psychology) Band 8
Pre-requisite: PSY1020

This course aims to provide students with a comprehensive account of how humans learn through the application of behavioural techniques - the background knowledge behind some of the most useful and effective therapies in psychology. Topics include an examination of classical and operant conditioning, individual difference factors, 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 also provides an opportunity to apply such knowledge and techniques to directly influence behaviour in a training (behaviour change) scenario. The course consists of 7 modules of content, assessed in an end-semester online quiz, and a practical assignment where students will train a person in a specific skill, and report on their objectives, processes, and outcome measurements in a final report at the end of semester. An initial proposal will be submitted early in semester for the approval of the Examiner before any behaviour modification takes place.

PSY3110 CLINICAL HEALTH PSYCHOLOGY (FHESC - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Psychology) Band 8
Pre-requisite: PSY3030

This course will consider psychological factors involved in the area of health and disease from the theoretical perspectives of social psychology as they relate to behavioural change. It will discuss psychological research methods in their application to health. Students will examine health-related behaviours, such as coping with disease and pain, attitude to medical advice, smoking, diet, exercise, alcohol use, sexual practices, and injury prevention. Finally, future challenges facing psychology in its relationship to health will be outlined.

PSY3111 RESEARCH METHODS IN PSYCHOLOGY B (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Ipswich (ONC)Toowoomba
Units 1 (Psychology) Band 8
Pre-requisite: PSY2100

This course builds upon the basic methods and tools of psychological research, extending the range and complexity of questions which can be addressed. A variety of research designs are introduced including survey design, quasi-experimental designs and single-subject and small-n designs as ways of answering specific questions and dealing with potential confounds. The statistical and analytic tools associated with these techniques are also explored including factorial analysis of variance, and multiple regression. Real data 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.

PSY3180 PRACTICUM A (FHESC - UGRD)

Semester 1 (ONC)Ipswich (EXT)Toowoomba
Units 1 (Psychology) Band 8

This course offers two streams of project engagement from which students will choose ONE. The two streams are either: 1) Capstone Project, or 2) Work Integrated Learning (WIL). The WIL Placement stream offers students the opportunity to critically apply and further develop the professional skills that they have acquired throughout the psychological skills courses. Specifically, Work Integrated Learning will consist of a community/industry/research placement of 100 hours duration. In addition to the placement, this stream also requires students to meet with the course examiner and complete a portfolio. The Capstone Project stream provides the opportunity for a student to pursue 100 hours duration of supervised project that can consist of specialised investigations extending knowledge and skills in a certain area of psychology. The project may 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. In addition to the project engagement, students are required to meet with course examiner and complete a portfolio. Students enrolled in the Capstone Project stream will be provided with a list of available projects from which to choose.

PSY3190 PRACTICUM B (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (ONC)Ipswich
Units 1 (Psychology) Band 8

Pre-requisite: PSY2105 (for WIL placement) OR students must be enrolled in BASED OR in third year of their psychology program (for Capstone project)

This course offers two streams of project engagement from which students will choose ONE. The two streams are either: 1) Capstone Project, or 2) Work Integrated Learning (WIL). The WIL Placement stream offers students the opportunity to critically apply and further develop the professional skills that they have acquired throughout the psychological skills courses. Specifically, Work Integrated Learning will consist of a community/industry/research placement of 100 hours duration. In addition to the placement, this stream also requires students to meet with the course examiner and complete a portfolio. The Capstone Project stream provides the opportunity for a student to pursue 100 hours duration of supervised project that can consist of specialised investigations extending knowledge and skills in a certain area of psychology. The project may 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. In addition to the project engagement, students are required to meet with course examiner and complete a portfolio. Students enrolled in the Capstone Project stream will be provided with a list of available projects from which to choose.

PSY3250 SPORT AND EXERCISE PSYCHOLOGY (FHESC - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Psychology) Band 8
Pre-requisite: PSY1010 or Students must be enrolled in one of the following programs: GDSI or MSCN

It explores the contribution of psychology in sport, exercise, recreation and rehabilitation settings by highlighting concerns and encouraging discussion of relevant issues. Through this process, students will develop greater awareness of the knowledge base, key skills, and professional responsibilities demanded of psychologists and researchers working in the field of sport and exercise psychology.

PSY3730 INDUSTRIAL AND ORGANISATIONAL PSYCHOLOGY (FHESC - UGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Psychology) Band 8
Pre-requisite: PSY1010

This course concentrates on how psychological knowledge and methods can be applied in industrial and organisational settings. Particular topics concern such matters as job analysis and performance evaluation, assessment and selection, group behaviour, leadership, training and development, organisational change, and

PSY4020 ETHICAL AND PROFESSIONAL PRACTICE (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONL)Toowoomba
Units 1 (Psychology) Band 8

Pre-requisite: Students must be enrolled in one of the following Programs: BSCH (Psychology major 12302) or BSHP or MSCR (Psychology Research)

This course uses a range of real-life and simulated case studies to introduce students to working with, and researching, different client/participant groups including marginalised and vulnerable populations. Ethical and professional issues associated with these different groups are explored and investigated, including the application of guidelines when working through ethical dilemmas in a variety of practice and research settings. BPSH students must have completed the first 3 years with a GPA of 5.0 across levels 1 to 3 psychology courses. These students will have to be manually enrolled.

PSY4040 PSYCHOLOGICAL INTERVENTIONS (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONL)Toowoomba
Units 1 (Psychology) Band 8

Pre-requisite: Students must be enrolled in one of the following Programs: BSCH (12302 Psychology) or BSHP or MRES (19112 Psychology). BPSH students need to apply for manual enrolment in this course.

The aim of this course is to further develop students' interpersonal communication skills, with a view to applying psychological perspectives to various current issues faced by contemporary Australians. Students will use research evidence to critically evaluate psychological theories in order to gain a greater understanding of current social issues, and to develop suitable evidence-based interventions that are ethically sound, consistent with theory, and sensitive to diversity issues in 21st century Australian society such as culture, gender, age, religious beliefs, sexual orientation, disability, and socioeconomic status. BPSH students must have completed the first 3 years with a GPA of 5.0 across levels 1 to 3 psychology courses. These students will have to be manually enrolled.

PSY4070 ASSESSMENT AND INTERVIEW SKILLS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Ipswich
Units 1 (Psychology) Band 8

Pre-requisite: Students must be enrolled in one of the following Programs: BSCH (12302 Psychology) or BSHP or MRES (19112 Psychology). BPSH students need to apply for manual enrolment in this course.

This course provides training in the development of skills necessary for conducting psychological assessment including interview skills, administration and scoring, interpretation, and professional report writing. Assessment strategies, including the use of standardised psychological test instruments will be identified, discussed, and practiced. There is a focus on cultural considerations when conducting psychological assessments within this course. BPSH students must have completed the first 3 years with a GPA of 5.0 across levels 1 to 3 psychology courses. These students will have to be manually enrolled.

PSY4101 PSYCHOLOGY HONOURS PROJECT A (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Ipswich
Semester 2 (ONC)Ipswich (ONL)Toowoomba (ONC)Ipswich
Units 2 (Psychology) Band 8

Pre-requisite: Students must be enrolled in one of the following Programs: BSCH (12302 Psychology) or BSHP or MRES (19112 Psychology). BPSH students need to apply for manual enrolment in this course.

This course enables students to develop evidence-based skills through the completion of a research project. Students are required to decide on a topic; submit an ethics application and research proposal; commence their review of the literature; begin the operational phase of their research; and submit a progress report near the end of the semester. BPSH students must have completed the first 3 years with a GPA of 5.0 across levels 1 to 3 psychology courses. These students will have to be manually enrolled.

PSY4102 PSYCHOLOGY HONOURS PROJECT B (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich (ONL)Toowoomba
Semester 2 (ONC)Ipswich (ONC)Ipswich (ONL)Toowoomba
Units 2 (Psychology) Band 8

Pre-requisite: Students must be enrolled in one of the following Programs: BSCH (12302 Psychology) or BSHP or MRES (19112 Psychology). BPSH students need to apply for manual enrolment in this course.

This course will enable the student to further develop their evidence-based skills through presentation of their research, the completion of a research project, and production of a thesis. Students will finalise the collection and analyses of data, synthesising the results such that they can be written in a thesis and communicated to other professionals.

PSY4111 ADVANCED RESEARCH APPROACHES (FHESC - UGRD)

Semester 1 (ONC) Ipswich (ONL) Toowoomba

Units 1 (Psychology) Band 8

Pre-requisite: Students must be enrolled in one of the following Programs: BSCH (12302 Psychology) or BSHP or MRES (19112 Psychology). BPSH students need to apply for manual enrolment in this course.

There are two major sections of instruction within the course. In the first section of instruction students are taught about both quantitative and qualitative research design methods. At the conclusion of this section the students will develop a mixed methods research proposal using both quantitative and qualitative aspects of design. In the second section of instruction students are taught about quantitative and qualitative analyses methods. Basic types of analyses and stages within analyses are covered for both quantitative and qualitative research methods, including knowledge about psychometric principles such as norms, reliability, validity, and test construction. At the conclusion of this section the students will choose from several options of data analyses (they will be given data and instruments from hypothetical research protocols), and will conduct an assignment for both quantitative and qualitative analyses. BPSH students must have completed the first 3 years with a GPA of 5.0 across levels 1 to 3 psychology courses. These students will have to be manually enrolled.

PSY5050 EVIDENCE-BASED PRACTICE FOR PSYCHOLOGISTS (FHESC - PGRD)

Units 1 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MPPS or MCPS

The understanding of research theory and how it applies to psychological practice is an essential skill for all practitioners. This course provides training in the development of knowledge and skills necessary for evaluating research evidence relating to assessment and treatment options and integrating and applying this new information to ensure ongoing best practice. The ability to effectively monitor, evaluate and reflect on clinical practice will also be explored in depth. Topics covered include: evidence-based practice; practice-based research; conducting literature searches and reviews; common research methods and analyses relating to clinical practice; evaluating research findings; selecting assessment and treatment options based on research; outcome monitoring and evaluating change in clinical practice; refining interventions to improve retention; and socio-cultural and diversity research and practice implications. These skills and knowledge will facilitate ongoing refinement of clinical practice throughout a practitioner's career. Attendance at the five on-campus workshops or online in the External mode is mandatory. Dates of the five workshops will be according to the 'Workshop Schedule' which will be emailed to students at the outset of the program.

PSY5060 CHILD AND ADOLESCENT PSYCHOLOGY (FHESC - PGRD)

Units 1 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MPPS or MCPS

The course will provide students with the knowledge of how to apply key theories of child and adolescent development into clinical practice. In addition, the course covers common psychological presentations in childhood and adolescence, diagnostic considerations in these age groups, therapeutic relationship skills, and the evidence-based assessment and treatment methods recommended for infants, preschool-age children, primary-school age children and adolescents. Finally, the course will cover important knowledge and skills regarding the impact of child/adolescent psychopathology on parents, teachers and carers, and how to work successfully with these groups. Attendance at the five on-campus workshops is mandatory. Dates of the five workshops will be according to the 'Workshop Schedule' which will be emailed to students at the outset of the program.

PSY5070 ADULT PSYCHOPATHOLOGY (FHESC - PGRD)

Units 1 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MPPS or MCPS

This course aims to support a problem-solving approach to understanding of common psychological disorders, including knowledge and skills related to diagnosis in addition to aetiology, maintaining mechanisms, and broad frameworks of intervention. Attendance at the five on-campus workshops is mandatory. Dates of the five on-campus Workshop Teaching Block will be according to the 'Workshop Schedule' which will be emailed to students at the outset of the program.

PSY5110 ETHICAL, LEGAL AND PROFESSIONAL ISSUES (FHESC - PGRD)

Units 1 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MPPS or MCPS

This course covers key foundational competencies in the ethical, legal and professional domains. Students will gain working knowledge of the APS Code of Ethics, with a particular focus on Confidentiality, Managing Boundaries, Dual Relationships, and managing high-risk clients. Key legislation is covered including the Mental Health Act and Health Practitioner Regulation law. Finally, the course covers key professional competencies including: theory application in clinical practice, reflective and deliberate practice, case formulation, mental status examination, interview skills, microcounselling skills, therapeutic relationship skills, working with diverse clients, knowledge and skills for interprofessional practice, and classification and diagnosis in psychological practice. Attendance at the five on-campus workshops or online in the External mode is mandatory. Dates of the five workshops will be according to the 'Workshop Schedule' which will be emailed to students at the outset of the program.

PSY5130 PSYCHOLOGY PRACTICUM 1 (FHESC - PGRD)

Semester 1 (EXT) Toowoomba (ONC) Toowoomba (ONC) Ipswich

Semester 2 (ONC) Ipswich (ONC) Toowoomba (EXT) Toowoomba

Semester 3 (ONC) Toowoomba (EXT) Toowoomba (ONC) Ipswich

Units 1 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MPPS or MCPS or be undertaking the course as professional development

The first practicum course is designed to provide students with a structured situation in a practice setting in which appropriate psychological skills can be developed to high levels of competency. It provides an opportunity to examine applied problems from a theoretical perspective and to then apply empirically supported interventions. It therefore promotes a scientist-practitioner model of the professional psychologist. Students will be encouraged to approach applied problems and skill-based learning from a hypothesis-based assessment perspective. The emphasis is on skill development in a supervised and structured environment. Expert feedback on performance is seen as an essential feature of the learning process and strong emphasis is placed on skill development under adequate supervision.

PSY5140 COMPREHENSIVE PSYCHOLOGICAL ASSESSMENT (FHESC - PGRD)

Units 1 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MPPS or MCPS

This course aims to provide students with comprehensive knowledge of a broad range of approaches to assessing individual behaviour in adults and children through the use of standardised tests. Students will develop expertise in the analysis, interpretation, and communication of psychological test data pertinent to psychological practice. Attendance at the five on-campus workshops is mandatory. Dates of the five workshops will be according to the 'Workshop Schedule' which will be emailed to students at the outset of the program.

PSY5145 PSYCHOLOGICAL TREATMENT AND INTERVENTION (FHESC - PGRD)

Units 1 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MPPS or MCPS

This course focuses on discipline knowledge and therapeutic competencies required for practice in clinical settings. Students will learn and practice varied evidence-based forms of interviewing and intervention skills. Building on these, students will learn how to develop an appropriate treatment plan for cases based on diagnosis and presenting issues. This course will be offered via compulsory practical development workshops on-campus, and via readings, activities and assignments. Attendance at the five on-campus workshops is mandatory. Dates of the five workshops will be according to the 'Workshop Schedule' which will be emailed to students at the outset of the program.

PSY5230 PSYCHOLOGY PRACTICUM 2 (FHESC - PGRD)

Semester 1 (EXT) Toowoomba (ONC) Ipswich (ONC) Toowoomba

Semester 2 (ONC) Toowoomba (ONC) Ipswich (EXT) Toowoomba

Semester 3 (ONC) Toowoomba (ONC) Ipswich (EXT) Toowoomba

Units 1 (Psychology) Band 1

Pre-requisite: PSY5130 and Students must be enrolled in one of the following Programs: MPPS or MCPS

The practicum course provides students with a structured situation in which to develop practical knowledge and skills within the psychology field. While the objectives are similar to Practicum 1, the level of independent practice and the application to specialist areas further challenges the student to broaden and diversify beyond their responsibilities in the first placement.

PSY8050 ADVANCED CLINICAL INTERVENTION (FHESC - PGRD)

Units 1 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MCPS or MCPA

This course addresses principles and practice of a range of psychological therapies including dialectical behaviour therapy, schema therapy, acceptance and commitment therapy, animal-assisted therapy and interpersonal therapy, for complex mental health issues across the lifespan. The course material is presented through personal critical reflection, discussion and debate in class, and through experiential skill development in workshops/residential school. The knowledge acquired will be assessed through case formulation and treatment planning for the same client using two different therapy systems. Attendance at the on-campus workshops/residential school is mandatory. Dates of the workshops/residential schools will be according to the 'Workshop Schedule' which will be emailed to students at the outset of the program.

PSY8060 ADVANCED HEALTH PSYCHOLOGY (FHESC - PGRD)

Units 1 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MCPS or MCPA

This course will examine biopsychosocial factors associated with mortality and morbidity in the Australian culture; and in working in multi-disciplinary teams across health contexts. It will consider 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 including theory and application with specific groups (e.g., ethnicity, Australian Indigenous clients). Attendance at the on-campus and online workshops for external students is mandatory.

PSY8140 PSYCHOLOGY PRACTICUM 3 (FHESC - PGRD)

Semester 1 (EXT) Toowoomba (ONC) Toowoomba (ONC) Ipswich

Semester 2 (EXT) Toowoomba (ONC) Toowoomba (ONC) Ipswich

Semester 3 (EXT) Toowoomba (ONC) Toowoomba (ONC) Ipswich

Units 1 (Psychology) Band 1

Pre-requisite: Students must be enrolled in MCPA or Students must be enrolled in MCPS and have completed PSY5130 and PSY5230

This practicum course provides students with a structured situation in which to develop knowledge and skills within the Clinical psychology field. The level of independent practice and the application to specialist areas challenges the student to broaden and diversify beyond their responsibilities in the first placement.

PSY8145 RESEARCH SKILLS IN PSYCHOLOGY FOR TEACHERS (FHESC - PGRD)

Semester 2 (ONL) Toowoomba

Units 1 (Psychology) Band 8

Pre-requisite: Students must be enrolled in the following Program: GCSC or BSED

The course starts by introducing the scientific method, the language of psychological research, and the two basic research designs that underpin most psychological research. Along with these conceptual elements, the course aims to develop practical research. To this end, course participants will be asked to design a psychological experiment in which one or more research questions are asked, to ethically recruit a number of participants for that project, to conduct the experiment, and then to score and analyse the results of that experiment. We will introduce you to the Microsoft Excel program as the preferred software to enter data, manipulate data, and produce Tables and Figures that summarise the results in a way that is consistent with the experimental design. The course will also deal with the appropriate statistical techniques that can be applied to answer the research question that has been posed.

PSY8150 PSYCHOLOGY PRACTICUM 4 (FHESC - PGRD)

Semester 1 (ONC) Toowoomba (EXT) Toowoomba (ONC) Ipswich

Semester 2 (ONC) Toowoomba (EXT) Toowoomba (ONC) Ipswich

Semester 3 (ONC) Toowoomba (EXT) Toowoomba (ONC) Ipswich

Units 1 (Psychology) Band 1

Pre-requisite: PSY8140 and Students must be enrolled in one of the following Programs: MCPS or MCPA

This practicum course provides students with a structured situation in which to advance their knowledge and skills within the Clinical psychology field. While the objectives are similar to the earlier practicum courses, the level of independent practice and the application to specialist areas further challenges the student to broaden and diversify beyond their responsibilities in the earlier placements.

PSY8210 ADVANCED CLINICAL INTERVENTION II (FHESC - PGRD)

Units 1 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MCPS or MCPA

Students must be enrolled in the following Program: MCPS, MCPA. This course focuses on providing students with evidence-based treatments for complex mental health issues across the lifespan, across five skills-based workshops. Knowledge and skills are assessed via case conceptualisation and treatment planning, and clinical skills demonstration. Attendance at the on-campus workshops/residential schools are mandatory. Dates of the on-campus workshops/residential schools will be according to the 'Workshop Schedule' that will be emailed to students at the outset of the program.

PSY8240 ADVANCED CLINICAL PSYCHOLOGY ASSESSMENT AND DIAGNOSIS (FHESC - PGRD)

Units 1 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MCPS or MCPA

The aim of this course is to enable students undertaking studies in Clinical Psychology to advance their knowledge and skills of diagnostic assessment and clinical formulation. Students will engage in a variety of tasks engaging their ability to apply and extend their existing diagnostic skills, including conducting diagnostic interviews, and engaging in considered differential diagnosis processes. Students will apply their formulation skills to a variety of clinical presentations. Attendance at the on-campus workshops or online workshop for the external offering of this course is mandatory. Dates of the workshops will be according to the 'Workshop Schedule' that will be emailed to students at the outset of the program.

PSY8260 ADVANCED CHILD AND ADOLESCENT PSYCHOLOGY (FHESC - PGRD)

Units 1 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MCPS or MCPA

This course will build on students' existing skills in psychological practice with children and adolescents, by providing knowledge and skills required to work with children and adolescents presenting with complex psychological presentations. The course will cover evidence-based assessment and treatment methods recommended for complex childhood presentations including: childhood trauma, OCD, Selective Mutism, and Personality Disorders traits in adolescents. Attendance at the on-campus workshops/residential schools are mandatory. Dates of the on-campus workshops/residential schools will be according to the 'Workshop Schedule' which will be emailed to students at the outset of the program.

PSY8270 ADVANCED PSYCHOPATHOLOGY (FHESC - PGRD)

Units 1 (Psychology) Band 1

Pre-requisite: Students must be enrolled in one of the following Programs: MCPS or MCPA

This course provides students with a working knowledge of psychopathology for complex psychological presentations, in addition to an understanding of the aetiology and nosology of these presentations. Further, this course provides students with strong diagnostic and clinical assessment skills required for working effectively with complex adult presentations, including: Personality Disorders, Psychosis and Bipolar I and II, Complex Trauma and PTSD, Addictions, and Adult Developmental Disorders. Attendance at the on-campus workshops is mandatory. Dates of the on-campus Workshop Teaching Block will be according to the 'Workshop Schedule' which will be emailed to students at the outset of the program.

PUB5001 INTRODUCTION TO EDITING AND PUBLISHING (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 3 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

This course develops knowledge and skills in publishing and editing, including a basic introduction to related historical, ethical and legal issues. The course provides instruction on the stages and tasks of the publishing process. The editor's role is covered in detail and introduces proofreading, copyediting and structural editing with a focus on the tools, resources and procedures required for book, magazine or journal production. Publication planning, design, production and marketing for both print and digital devices are also introduced. Legal and ethical concerns are discussed as well, including copyright, moral rights, plagiarism, defamation and permissions. Students will become familiar with the use of electronic communication and onscreen editing.

PUB5002 WRITING FOR EDITORS (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 3 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

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 documents 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 grammar, consistency, punctuation, jargon, syntax 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 freelance or off-site editing and publishing will also be examined.

PUB5003 EDITING IN PRACTICE (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Semester 3 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

Co-requisite: PUB5001

This course provides instruction on all levels of editing including: proofreading, copyediting and substantive or structural editing. 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 debating issues, sharing resources and broadening awareness of current developments.

PUB5004 PROFESSIONAL PRACTICE IN EDITING AND PUBLISHING (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Semester 3 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

Co-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 BOOK DESIGN AND PRODUCTION MANAGEMENT (FBELA - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Semester 3 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

Pre-requisite: PUB5004

This course provides the framework to assist you in understanding the processes involved in book production commissioning/acquisition, designing, producing and marketing/promoting books. The course aims to provide you with the knowledge and skills to prepare a publishing proposal, negotiate a contract/letter of agreement, cost the book to ensure that the project is financially viable, work with design and production personnel and liaise with relevant sales and marketing personnel in the development of appropriate marketing strategies to promote the book. The focus will be on the problem-solving and decision-making processes required at each of the editorial, design, production and marketing stages.

PUB5006 DIGITAL PUBLISHING INTERNSHIP (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Semester 3 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

Pre-requisite: PUB5004

Students will be introduced to electronic publishing and investigate the influential historical, technological, economic and social forces that have culminated in the 'digital revolution'. Students will explore possible futures for the industry, particularly in relation to new technologies and their influences on publishing processes. After examining the stages and processes involved in eBook production, and performing editing and publishing tasks in digital and online environments, students will engage in a digital internship in which they will work with a publisher or book industry organisation on a digital book project.

PUB5007 BOOK PROMOTION, MARKETING AND RESEARCH (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Semester 3 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

Pre-requisite: PUB5004

What makes a bestselling book is not widely understood. What is known is that marketing plays a crucial role in helping books reach their target readers. A well-designed and implemented marketing strategy can make the difference between a book that finds its market and one that fails to do so. This course introduces students to general marketing principles and outlines strategies appropriate for the marketing and promotion of books as well as outlining research methodologies appropriate for the publishing industry. The course also gives students experience in designing and implementing a marketing plan for a real world publishing project.

PUB8001 MAGAZINE PUBLISHING PROJECT (FBELA - PGRD)

Semester 2 (ONL)Toowoomba

Semester 3 (ONL)Toowoomba

Units 1 (Communication and Media Studie) Band 1B

Pre-requisite: PUB5004

This course is the culmination of previous courses, especially PUB5005, in which students gained knowledge and skills in editing and publishing tasks and processes. This course aims to provide an opportunity for the student to put into practise skills and knowledge acquired earlier in the program by working on a project to publish a book or magazine. The course enables students to demonstrate the necessary competencies to manage a publishing project through the acquisition, editorial, design, production and marketing phases.

PUH8010 INTEGRATED PUBLIC HEALTH CORE A (FHESC - PGRD)

Semester 1 (ONC)Ipswich (ONL)Toowoomba (ONC)Ipswich

Semester 2 (ONC)Ipswich (ONC)Ipswich (ONL)Toowoomba

Units 2 (Public Health not elsewhere cl) Band 2

This is a core introductory course in the Masters of Public Health and integrates the five disciplines and foundational competencies required of public health graduates. The five public health disciplines are: biostatistics; epidemiology; environmental health; health policy and management and social and behavioural sciences. A team-based approach is applied where experts in each discipline will deliver a component of the course. Core content will be taught in small modules and then integrated into case-based learning so that students can understand the inter-connectedness of disciplines. Each of the core courses includes the topics related to public health by scaffolding the content and complexity of knowledge and outcomes. The topics addressed in this course provides students with the basic knowledge and fundamental skills for each of the topics. At the completion of this course, students will meet the competencies for each of the five public health disciplines: health monitoring and surveillance; disease prevention and control; health promotion; health protection; health policy; and planning and management (health systems).

PUH8020 INTEGRATED PUBLIC HEALTH CORE B (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Ipswich (ONC)Ipswich

Units 2 (Public Health not elsewhere cl) Band 2

Pre-requisite: PUH8010

This course builds on content delivered in previous courses integrating the five disciplines and foundational competencies required of public health graduates. A team-based approach is applied where experts in each discipline will deliver a component of the course. Core content will be taught in small modules and then integrated into case-based learning so that students can understand the inter-connectedness of disciplines. At the completion of this course, students will meet the following CAPHIA. This course contains four (4) workshops.

PUH8030 PUBLIC HEALTH IN PRACTICE A (CASE-BASED LEARNING) (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Public Health not elsewhere cl) Band 2

Public health practitioners work in multi-disciplinary teams fostering inter-disciplinary collaboration and competence, while enhancing individual professional skills and knowledge. A multi-disciplinary and case-based approach will be utilised so that students can apply the theoretical content to real world examples of public health problems and related outcomes and programs. At the completion of this course students should have the knowledge and skills to engage professionally across population health with generic knowledge and skills of systematic research, ethical practice, teamwork, stakeholder analysis, health communication and cultural safety. This course contains three (3) highly recommended online workshops.

PUH8040 PUBLIC HEALTH IN PRACTICE B: RESEARCH PROJECT PLANNING (FHESC - PGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich (ONL)Toowoomba
Units 1 (Public Health not elsewhere cl) Band 2

The course is the last of the four integrated courses. It builds upon the integrated approach to public health presented in previous The focus of this course is to equip students with the knowledge and skills to critically evaluate public health programs, using an evidence-based approach. Upon completion of this course, students should have identified the topic and drafted a research proposal for their research to be conducted as part of the Master of Public Health degree. This course contains four (4) workshops.

PUH8070 PUBLIC HEALTH INDUSTRY PLACEMENT A (FHESC - PGRD)

Semester 1 (ONC)Ipswich (ONL)Toowoomba (ONC)Ipswich
Units 1 (Public Health not elsewhere cl) Band 2
Pre-requisite: PUH8010 and PUH8020 and PUH8030 and PUH8040

This course builds on the knowledge and skills gained in preliminary learning in order to apply it in a public health setting. Upon completion of this course, students should have applied critical thinking and decision-making knowledge and skills in public health program/s. The aim of this course is for students to consolidate their knowledge, apply it in a real world setting and gain 'hands on' experience required of public health practitioners. The placement will generally be completed by working on a public health-related project under the guidance of a supervisor. By the end of the placement, students should be able to integrate, synthesise and apply the knowledge from the four core courses to a real-world public health scenario.

PUH8080 PUBLIC HEALTH INDUSTRY PLACEMENT B (FHESC - PGRD)

Semester 2 (ONL)Toowoomba (ONC)Ipswich (ONC)Ipswich
Units 1 (Public Health not elsewhere cl) Band 2
Pre-requisite: PUH8010 and PUH8020 and PUH8030 and PUH8040

This course enhances prior placements to further students' skills and experiences in different public health settings. Upon completion of this course, students should have applied critical thinking and decision-making knowledge and skills in public health program/s. The aim of this course is for students to consolidate their knowledge, apply it in a real world setting and gain 'hands on' experience required of public health practitioners. The placement generally will be completed by working on a public health-related project under the guidance of a supervisor. By the end of the placement, students should be able to integrate, synthesise and apply the knowledge from the four core courses to a real-world public health scenario.

PUH8091 GLOBAL HEALTH PROMOTION (FHESC - PGRD)

Semester 1 (ONC)Ipswich (ONL)Toowoomba (ONC)Ipswich
Units 1 (Public Health not elsewhere cl) Band 2

Public health practitioners are well-placed, and in some cases tasked with advocating for improved health. This course will equip students with an understanding of advocacy strategies that can be applied in local and international settings. The fundamentals of a systems-based theory and related methods approach health outcomes will be explored. This course will integrate knowledge on the determinants of health to inform public health initiatives and campaigns. By the end of this course, students will be equipped to develop and evaluate health promotion initiatives in settings such as schools, workplaces, mass media and policy, at a local, state, national and global context.

PUH8092 CLIMATE CHANGE AND HEALTH (FHESC - PGRD)

Semester 2 (ONC)Ipswich (ONL)Toowoomba (ONC)Ipswich
Units 1 (Public Health not elsewhere cl) Band 2

The impact of climate change and unsustainable practices on the ecosystem and subsequent health and wellbeing is of increasing concern globally and requires a public-health approach to mitigate these effects. Consequently, public health practitioners are well-placed to play a role in advocating for and implementing programs that could moderate the impacts of climate change on health. Environmental hazards such as air and water pollution, hazardous waste and their impact on current and future health outcomes will be explored. Students will discuss sustainable frameworks in various sectors such as agriculture. This course will explore disaster management principles and the role of public health practitioners in the prevention and management of both natural and manmade hazards.

REN1201 ENVIRONMENTAL STUDIES (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Environmental Studies not else) Band 2
Enrolment is not permitted in REN1201 if REN8101 has been previously completed.

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. 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 environment and the concept of sustainability. Issues examined from a global perspective include land and water resource utilisation, mining and fishing, energy production and use, atmospheric pollution, urban systems and waste management. The role of politics and economics in the move towards environmental sustainability will also be examined.

REN2200 ECOLOGY FOR SUSTAINABILITY (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Environmental Studies not else) Band 2
Enrolment is not permitted in REN2200 if REN8202 has been previously completed.

Ecology and conservation are closely related scientific disciplines that explore the very nature of life in terms of the distribution and abundance of organisms and interactions between organisms and their environment (ecology), and the diversity, scarcity and conservation of species, communities and ecosystems (conservation). This course provides a foundation in general ecological concepts and principles relevant to the sustainable management of the environment and knowledge of how ecological systems and processes have been impacted upon by human activities. The concept of biodiversity, mechanisms behind speciation and patterns in biodiversity, key threatening processes, and current issues in the conservation of biodiversity are examined. The course also examines concepts of pattern and processes in human-modified landscapes (including land transformation, habitat fragmentation, patch dynamics, conservation corridors and connectivity), implications for conservation and ecological sustainability.

REN2201 ECOLOGICAL METHODS (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba
Units 1 (Ecology and Evolution) Band 2
Pre-requisite: STA1003

The unit provides a general overview of, and practical and theoretical considerations in, current ecological and environmental methods. Broad concepts in ecological methods are explored by simulation and field practical examples through a combination of independent and collaborative approaches. This unit provides a foundation in ecological methods through the exploration of the types and properties of ecological and biophysical data, sampling organisms and the environment, the design of ecological experiments, and analysis, interpretation and reporting of ecological data. This course contains a mandatory residential school for both external and on-campus students in the form of an extended (3-day, overnight) field trip to UniSQ's Ravensbourne Field Studies Centre, Toowoomba. Accommodation, food and transport costs may be associated with this residential school.

REN3103 APPLIED TERRESTRIAL ECOLOGY (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
(EXT)Toowoomba
Units 1 (Ecology and Evolution) Band 2
Pre-requisite: STA1003 and (REN2200 or REN2201)

The course provides knowledge of the habitat ecology, population dynamics and community ecology of terrestrial ecosystems, with an Australian focus. This course also examines concepts of pattern and processes in landscape ecology (including land transformation, habitat fragmentation, patch dynamics, conservation corridors and connectivity), methods for monitoring and assessing landscape condition, implications for conservation reserve design and ecological sustainability in Australia. Advanced techniques in sampling and analysing animal and plant populations and communities are also explored. This course contains a mandatory residential school for both external and on-campus students in the form of an extended (overnight) field trip to UniSQ's Ravensbourne Field Studies Centre, Toowoomba. Accommodation, food and transport costs may be associated with this residential school.

REN3104 APPLIED FRESHWATER ECOLOGY (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
(EXT)Toowoomba
Units 1 (Ecology and Evolution) Band 2
Pre-requisite: STA1003 and (REN2200 or REN2201)

The unit provides detailed knowledge of the interactions between physical, chemical and biological processes in aquatic ecosystems, and the influence of human activities on these processes. The main theoretical aspects are the characteristics and concepts of lotic and lentic aquatic ecosystems at different temporal and spatial scales; the structure of plant and animal communities; nutrient cycling, trophic structure and aquatic productivity; wetland, riparian and catchment management and ecosystem health. This theory provides a framework for applied freshwater topics: macroinvertebrates as bioindicators; blue-green algae, salinity, eutrophication and other current water management issues; freshwater aquaculture systems, and effluent control. This course contains a mandatory residential school for both external and on-campus students in the form of an extended (overnight) field trip to UniSQ's Ravensbourne Field Studies Centre, Toowoomba. Accommodation, food and transport costs may be associated with this residential school.

REN3301 BIODIVERSITY AND CONSERVATION (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Environmental Studies not else) Band 2

The course incorporates an interdisciplinary approach to the study of biodiversity and conservation, with a foundation in ecological theory and principles as a basis for the conservation and management of natural, production and disturbed systems. The concept of biodiversity, key threatening processes and theories regarding extinction and biodiversity loss are examined. The impact of humans on the Earth's biodiversity and current practices and problems in conservation are also examined, in both global and regional settings.

REN3302 SUSTAINABLE RESOURCE USE (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Environmental Studies not else) Band 2

The course provides an explanation of ecological principles as a basis for managing Australia's land and water resources sustainably. The effects of economic growth and traditional management approaches on land use for agriculture, mining, forestry, protected areas, water catchments and urban expansion are analysed and explained. Environmental impacts are studied and compared economically, ecologically and socially. Current approaches to land and resource use are evaluated in terms of their contribution to a sustainable Australian society. A major component of the course is a student project which examines a local resource management issue in detail.

REN8101 ENVIRONMENT, SOCIETY AND SUSTAINABILITY (FHESC - PGRD)

Semester 1 (ONL)Toowoomba
Units 1 (Environmental Studies not else) Band 2
Enrolment is not permitted in REN8101 if REN1201 has been previously completed.

This course provides a general introduction and overview of the emergence of environmental issues at the global scale and covers such topics as the physical environment, biological diversity, and human impact on the natural environment. Issues examined from a global perspective include food and fibre resources, water resources, energy production and use, mining, fishing and forestry, atmospheric pollution, climate change, urbanisation and waste management. The principles of sustainability are introduced and possible future management of resources and the environment are discussed.

REN8202 CONSERVATION FOR SUSTAINABLE FUTURES (FHESC - PGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Environmental Studies not else) Band 2
Enrolment is not permitted in REN8202 if REN2200 has been previously completed.

Ecology and conservation are closely related scientific disciplines that explore the very nature of life in terms of the distribution and abundance of organisms and interactions between organisms and their environment (ecology), and the diversity, scarcity and conservation of species, communities and ecosystems (conservation). This course provides a comprehensive survey of general ecological concepts and principles relevant to the sustainable management of the environment and knowledge on how ecological systems and processes have been impacted upon by human activities. The concept of biodiversity, mechanisms behind speciation and patterns in biodiversity, key threatening processes, and current issues in the conservation of biodiversity are examined. The course also examines concepts of pattern and processes in human-modified landscapes (including land transformation, habitat fragmentation, patch dynamics, conservation corridors and connectivity), implications for conservation and ecologically sustainable development.

REN8203 SUSTAINABILITY SCIENCE (FHESC - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Environmental Studies not else) Band 2

Pre-requisite: REN8101 or REN8202 or REN3302 or REN3301 or CLI8204 or CLI8205 or ECO8011

This course explores the discipline of sustainability science from important concepts and theory to practical examples and conflicts that can occur in sustainable development. The first half of the course will introduce theory, concepts and ideas while the second half will focus on case studies. Students will draw on knowledge of the history and concepts within sustainability science to critically assess examples and case studies, both current and historical.

RES9000 MASTER OF PHILOSOPHY STUDIES PART-TIME MATHS, ARTS, BUSINESS, EDUC OR NURSING (GRS - RSCH)

Semester 1 (ONC)Toowoomba (EXT)Toowoomba

Semester 2 (ONC)Toowoomba (EXT)Toowoomba

Units 2 (Society and Culture not elsewh) Band 1B

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

RES9001 MASTER OF PHILOSOPHY STUDIES PART-TIME BIOLOGY, ENGINE'G, PHYSICS OR PSYCHOLOGY (GRS - RSCH)

Semester 1 (ONC)Toowoomba (EXT)Toowoomba

Semester 2 (ONC)Toowoomba (EXT)Toowoomba

Units 2 (EnginTech not classified) Band 2

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

RES9002 MASTER OF PHILOSOPHY STUDIES FULL-TIME MATHS, ARTS, BUSINESS, EDUC OR NURSING (GRS - RSCH)

Semester 1 (EXT)Toowoomba (ONC)Toowoomba

Semester 2 (EXT)Toowoomba (ONC)Toowoomba

Units 4 (Society and Culture not elsewh) Band 1B

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

RES9003 MASTER OF PHILOSOPHY STUDIES FULL-TIME BIOLOGY, ENGINE'G, PHYSICS OR PSYCHOLOGY (GRS - RSCH)

Semester 1 (ONC)Toowoomba (EXT)Toowoomba

Semester 2 (EXT)Toowoomba (ONC)Toowoomba

Units 4 (EnginTech not classified) Band 2

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

RES9004 RESEARCH DESIGN AND METHODOLOGIES (GRS - RSCH)

Units 1 (Mixed Field Programmes not els) Band 7

Pre-requisite: Students must be enrolled in one of the following Programs: MRES or DPHD

This course will focus on a range of research designs, drawing on both qualitative and quantitative research traditions to develop core skills in the design of an effective research project. Emphasis will be placed on rigorous and robust design of research projects drawing on a range of approaches including interview techniques, controlled experimental design, and survey. The course will introduce students to the UniSQ survey tool.

RES9005 QUALITATIVE RESEARCH TECHNIQUES (GRS - RSCH)

Units 1 (Mixed Field Programmes not els) Band 7

Pre-requisite: Students must be enrolled in one of the following Programs: MRES or DPHD

Emphasis will be placed on rigorous engagement with methodologies drawing on a range of epistemological positions, developing the skills required for qualitative post graduate research. The course will draw on several methodological approaches including Discursive Psychology, Phenomenology, and techniques of Thematic Analysis and systematic approaches to literature reviews (SLRs). Core components of the course include the use of the qualitative software analysis tool

RES9055 MASTERS RESEARCH PROJECT 1 (H) (GRS - RSCH)

Units 1 (Mixed Field Programmes not els) Band 7

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

This course is part of a supervised research project which provides opportunities for motivated and highly qualified students to undertake advanced study and to produce a research-based thesis. Students develop the appropriate research skills and specialist knowledge which will enhance their career prospects or allow them to undertake further studies. The emphasis of the program is on developing the appropriate knowledge and skills to undertake independent research and professional practice.

RES9056 MASTERS RESEARCH PROJECT 1 (L) (GRS - RSCH)

Units 1 (Mixed Field Programmes not els) Band 7

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

This course is part of a supervised research project which provides opportunities for motivated and highly qualified students to undertake advanced study and to produce a research-based thesis. Students develop the appropriate research skills and specialist knowledge which will enhance their career prospects or allow them to undertake further studies. The emphasis of the program is on developing the appropriate knowledge and skills to undertake independent research and professional practice.

RES9100 DOCTORAL RESEARCH PROJECT (L) PART-TIME (GRS - RSCH)

Units 0.5 (Mixed Field Programmes not els) Band 7

Pre-requisite: Student must be enrolled in the following Program: DPHD

This course is part of a supervised research project which provides opportunities for motivated and highly qualified students to undertake advanced study and to produce a research-based thesis. Students develop the appropriate research skills and specialist knowledge which will enhance their career prospects or allow them to undertake further studies. The emphasis of the program is on developing the appropriate knowledge and skills to undertake independent research and professional practice.

RES9200 DOCTORAL RESEARCH PROJECT (H) PART-TIME (GRS - RSCH)

Units 0.5 (Mixed Field Programmes not els) Band 7

Pre-requisite: Student must be enrolled in the following Program: DPHD

This course is part of a supervised research project which provides opportunities for motivated and highly qualified students to undertake advanced study and to produce a research-based thesis. Students develop the appropriate research skills and specialist knowledge which will enhance their career prospects or allow them to undertake further studies. The emphasis of the program is on developing the appropriate knowledge and skills to undertake independent research and professional practice.

RES9300 DOCTORAL RESEARCH PROJECT (L) FULL-TIME (GRS - RSCH)

Units 1 (Mixed Field Programmes not els) Band 7

Pre-requisite: Student must be enrolled in the following Program: DPHD

This course is part of a supervised research project which provides opportunities for motivated and highly qualified students to undertake advanced study and to produce a research-based thesis. Students develop the appropriate research skills and specialist knowledge which will enhance their career prospects or allow them to undertake further studies. The emphasis of the program is on developing the appropriate knowledge and skills to undertake independent research and professional practice.

RES9400 DOCTORAL RESEARCH PROJECT (H) FULL-TIME (GRS - RSCH)

Units 1 (Mixed Field Programmes not els) Band 7

Pre-requisite: Student must be enrolled in the following Program: DPHD

This course is part of a supervised research project which provides opportunities for motivated and highly qualified students to undertake advanced study and to produce a research-based thesis. Students develop the appropriate research skills and specialist knowledge which will enhance their career prospects or allow them to undertake further studies. The emphasis of the program is on developing the appropriate knowledge and skills to undertake independent research and professional practice.

RES9500 DOCTORAL RESEARCH PROJECT 2 (LOW COST) (GRS - RSCH)

Semester 1 (ONC)Springfld (EXT)Toowoomba (ONC)Ipswich (ONC)Toowoomba

Semester 2 (ONC)Ipswich (ONC)Toowoomba (EXT)Toowoomba (ONC)Springfld

Units 2 (Mixed Field Programmes not els) Band 7

Pre-requisite: Student must be enrolled in one of the following Programs: DPHD or DOHH

This course is part of a supervised research project which provides opportunities for motivated and highly qualified students to undertake advanced study and to produce a research-based thesis. Students develop the appropriate research skills and specialist knowledge which will enhance their career prospects or allow them to undertake further studies. The emphasis of the program is on developing the appropriate knowledge and skills to undertake independent research and professional practice.

RES9501 DOCTORAL RESEARCH PROJECT 2 (HIGH COST) (GRS - RSCH)

Semester 1 (ONC)Ipswich (ONC)Toowoomba (EXT)Toowoomba (ONC)Springfld

Semester 2 (EXT)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Ipswich

Units 2 (Mixed Field Programmes not els) Band 7

Pre-requisite: Student must be enrolled in one of the following Programs: DPHD or DOHH or DASC

This course is part of a supervised research project which provides opportunities for motivated and highly qualified students to undertake advanced study and to produce a research-based thesis. Students develop the appropriate research skills and specialist knowledge which will enhance their career prospects or allow them to undertake further studies. The emphasis of the program is on developing the appropriate knowledge and skills to undertake independent research and professional practice.

RES9502 DOCTORAL RESEARCH PROJECT 4 (LOW COST) (GRS - RSCH)

Semester 1 (ONC)Springfld (EXT)Toowoomba (ONC)Toowoomba (ONC)Ipswich

Semester 2 (EXT)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Springfld

Units 4 (Society and Culture not elsewh) Band 1B

Pre-requisite: Student must be enrolled in one of the following Programs: DPHD or DOHH

This course is part of a supervised research project which provides opportunities for motivated and highly qualified students to undertake advanced study and to produce a research-based thesis. Students develop the appropriate research skills and specialist knowledge which will enhance their career prospects or allow them to undertake further studies. The emphasis of the program is on developing the appropriate knowledge and skills to undertake independent research and professional practice.

RES9503 DOCTORAL RESEARCH PROJECT 4 (HIGH COST) (GRS - RSCH)

Semester 1 (ONC)Toowoomba (ONC)Springfld (EXT)Toowoomba (ONC)Ipswich

Semester 2 (EXT)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONC)Springfld

Units 4 (EnginTech not classified) Band 2

Pre-requisite: Student must be enrolled in one of the following Programs: MPHD or DPHD or DOHH or DASC

This course is part of a supervised research project which provides opportunities for motivated and highly qualified students to undertake advanced study and to produce a research-based thesis. Students develop the appropriate research skills and specialist knowledge which will enhance their career prospects or allow them to undertake further studies. The emphasis of the program is on developing the appropriate knowledge and skills to undertake independent research and professional practice.

RES9505 PHD STUDIES ADMINISTRATION (GRS - RSCH)

Semester 1 (EXT)Toowoomba

Semester 2 (EXT)Toowoomba

Units 0 (Process and Resources Engineer) Band 2

International students participating in a twinning program will be enrolled in this course during the period that they are pursuing studies towards a UniSQ PhD qualification from their "home" institution.

RES9506 DOCTORAL RESEARCH PROJECT 1 (LOW COST) (GRS - RSCH)

Semester 1 (ONC)Toowoomba (ONC)Ipswich (ONC)Springfld (EXT)Toowoomba

Semester 2 (ONC)Toowoomba (EXT)Toowoomba (ONC)Ipswich (ONC)Springfld

Units 1 (Mixed Field Programmes not els) Band 7

Pre-requisite: Student must be enrolled in the following Program: DPHD

This course is part of a supervised research project which provides opportunities for motivated and highly qualified students to undertake advanced study and to produce a research-based thesis. Students develop the appropriate research skills and specialist knowledge which will enhance their career prospects or allow them to undertake further studies. The emphasis of the program is on developing the appropriate knowledge and skills to undertake independent research and professional practice.

RES9507 DOCTORAL RESEARCH PROJECT 1 (HIGH COST) (GRS - RSCH)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Ipswich (EXT)Toowoomba

Semester 2 (ONC)Ipswich (EXT)Toowoomba (ONC)Toowoomba (ONC)Springfld

Units 1 (Mixed Field Programmes not els) Band 7

Pre-requisite: Student must be enrolled in the following Program: DPHD

This course is part of a supervised research project which provides opportunities for motivated and highly qualified students to undertake advanced study and to produce a research-based thesis. Students develop the appropriate research skills and specialist knowledge which will enhance their career prospects or allow them to undertake further studies. The emphasis of the program is on developing the appropriate knowledge and skills to undertake independent research and professional practice.

RES9510 CONFIRMATION OF CANDIDATURE (L) (GRS - RSCH)

Semester 1 (ONC)Springfld (ONC)Toowoomba (EXT)Toowoomba (ONC)Ipswich

Semester 2 (ONC)Toowoomba (ONC)Ipswich (ONC)Springfld (EXT)Toowoomba

Units 2 (Mixed Field Programmes not els) Band 7

Pre-requisite: Students must be enrolled in one of the following Programs: MRES or DPHD

Candidates in Doctor of Philosophy (DPHD) will undertake studies on their research project in consultation with their Project Supervisors. The Research Proposal is developed in this course as part of the Confirmation of Candidature in the DPHD program. Admission to the Doctor of Philosophy (DPHD) program is normally provisional until the student successfully completes the Confirmation of Candidature process. The following areas will normally be addressed in the Confirmation Proposal: 1. aims and objectives of the research; 2. review of the relevant literature; 3. proposed contribution to the field of research; 4. details of the proposed research methods, including analysis of data; 5. draft research ethics application, if appropriate; 6. milestones and timelines; 7. resources required to complete the research; and 8. an indication of the type of Thesis expected to be submitted (e.g. Standard Thesis, Thesis by Publication, Thesis with Creative Works component).

RES9511 CONFIRMATION OF CANDIDATURE (H) (GRS - RSCH)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Ipswich (EXT)Toowoomba

Semester 2 (EXT)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Ipswich

Units 2 (Mixed Field Programmes not els) Band 7

Pre-requisite: Students must be enrolled in one of the following Programs: MRES or DPHD

Candidates in Doctor of Philosophy (DPHD) will undertake studies on their research project in consultation with their Project Supervisors. The Research Proposal is developed in this course as part of the Confirmation of Candidature in the DPHD program. Admission to the Doctor of Philosophy (DPHD) program is normally provisional until the student successfully completes the Confirmation of Candidature process. The following areas will normally be addressed in the Confirmation Proposal: 1. aims and objectives of the research; 2. review of the relevant literature; 3. proposed contribution to the field of research; 4. details of the proposed research methods, including analysis of data; 5. draft research ethics application, if appropriate; 6. milestones and timelines; 7. resources required to complete the research; and 8. an indication of the type of Thesis expected to be submitted (e.g. Standard Thesis, Thesis by Publication, Thesis with Creative Works component).

RES9515 MASTERS RESEARCH PROJECT 2 (H) (GRS - RSCH)

Units 2 (Mixed Field Programmes not els) Band 7

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

This course is part of a supervised research project which provides opportunities for motivated and highly qualified students to undertake advanced study and to produce a research-based thesis. Students develop the appropriate research skills and specialist knowledge which will enhance their career prospects or allow them to undertake further studies. The emphasis of the program is on developing the appropriate knowledge and skills to undertake independent research and professional practice.

RES9516 MASTERS RESEARCH PROJECT 2 (L) (GRS - RSCH)

Units 2 (Mixed Field Programmes not els) Band 7

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

This course is part of a supervised research project which provides opportunities for motivated and highly qualified students to undertake advanced study and to produce a research-based thesis. Students develop the appropriate research skills and specialist knowledge which will enhance their career prospects or allow them to undertake further studies. The emphasis of the program is on developing the appropriate knowledge and skills to undertake independent research and professional practice.

RES9517 MASTERS RESEARCH PROJECT 4 (H) (GRS - RSCH)

Units 4 (Mixed Field Programmes not els) Band 7

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

This course is part of a supervised research project which provides opportunities for motivated and highly qualified students to undertake advanced study and to produce a research-based thesis. Students develop the appropriate research skills and specialist knowledge which will enhance their career prospects or allow them to undertake further studies. The emphasis of the program is on developing the appropriate knowledge and skills to undertake independent research and professional practice.

RES9518 MASTERS RESEARCH PROJECT 4 (L) (GRS - RSCH)

Units 4 (Mixed Field Programmes not els) Band 7

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

This course is part of a supervised research project which provides opportunities for motivated and highly qualified students to undertake advanced study and to produce a research-based thesis. Students develop the appropriate research skills and specialist knowledge which will enhance their career prospects or allow them to undertake further studies. The emphasis of the program is on developing the appropriate knowledge and skills to undertake independent research and professional practice.

RES9519 RESEARCH INTERNSHIP (H) (GRS - RSCH)

Semester 1 (EXT)Toowoomba (ONC)Ipswich (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba

Semester 2 (ONL)Toowoomba (EXT)Toowoomba (ONC)Ipswich (ONC)Springfld (ONC)Toowoomba

Units 2 (Mixed Field Programmes not els) Band 7

Pre-requisite: Students must be enrolled in one of the following Programs: MRES or DPHD

The purpose of this course is to give students the opportunity to experience the applied aspects of their research through working in the area of their primary research focus. This course aims to provide the student with experience in applying discipline knowledge and skills in the context of professional practice in order to strengthen discipline-specific research, learning, and specialisation.

RES9520 RESEARCH INTERNSHIP (L) (GRS - RSCH)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Ipswich (EXT)Toowoomba (ONC)Springfld

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (EXT)Toowoomba (ONC)Ipswich

Units 2 (Mixed Field Programmes not els) Band 7

Pre-requisite: Students must be enrolled in one of the following Programs: MRES or DPHD

The purpose of this course is to give students the opportunity to experience the applied aspects of their research through working in the area of their primary research focus. This course aims to provide the student with experience in applying discipline knowledge and skills in the context of professional practice in order to strengthen discipline-specific research, learning, and specialisation.

RET1000 EXAMINING THE SACRED (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

Examining the Sacred provides an overview of what the concept of 'sacred' means in its various contexts - both religious and secular. This course presents an overview of spirituality as well as culture, belief and traditions held sacred by different groups worldwide. It provokes thought and contemporary debate on issues such as: what is spirituality, what is worship, what is sacred, is there a difference between sacred and culture. It also provides an introduction to the importance of sacred traditions and how these are commemorated in their various celebrations. Students will draw on their personal experiences and traditions as well as looking at contemporary culture to inform new perspectives on what it means to be religious, spiritual or sacred.

RET2000 WORLD RELIGIONS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education not elsewhere) Band 1

World Religions provides an overview of the key religions of the world. This course presents an analysis of religion and religious ideas. It explores religious traditions as lived by diverse people within particular geographical, social and historical contexts. The course looks at religion through common themes and examines symbols, rituals, followers, sacred texts, doctrines and beliefs, experiences, ethics and moral concerns, architecture, art and music in the five major world religions: Buddhism, Christianity, Hinduism, Islam and Judaism. The course covers religions and religious thought from the earliest humans to the Ancient and Classical Worlds and right through to today. It seeks to promote respect for the diversity of religious beliefs, both locally and globally, with the aim of enhancing international and inter-religious understanding.

RET3000 CULTS AND SECTS: EXPLORING GOOD AND EVIL (FBELA - UGRD)

Units 1 (Teacher Education not elsewhere) Band 1

Pre-requisite: RET2000

Exploring Good and Evil (Cults and Sects) provides an overview of some of the more popular or notorious cults and sects throughout contemporary society. This course presents an analysis of religious and spiritual ideas held by members of those groups. It provides an introduction into contemporary culture as well as the psychology of people more likely to be involved in such a movement. The course compares some cults and sects with one of the five main world religions. Each cult and/or sect will be examined in terms of its conception, its leader or deity, main tenets of belief, contemporary history, peculiar customs and practices, and view of the afterlife. Some specific cults and sects studied will be Mormons, Seven Day Adventists, Jehovah Witnesses, Christian Science, Scientology, Freemasonry, Unification Church, New Age Movement, The Children of God, The Divine Light Mission, Eckankar, Krishna Consciousness, The Worldwide Church of God, Transcendental Meditation and Baha'i. Students will build upon their existing understanding of the main world religions to compare and contrast them to the practices and beliefs of specific cults and sects. It is in this comparison that students will gain further understanding of the particular views and observances of the chosen religious movement.

RSH8002 BUSINESS INNOVATION RESEARCH (FBELA - PGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba

Units 2 (Mgt & Commerce not class) Band 7

Pre-requisite: RSH8001

Learners will, with guidance from the course examiner, plan and execute an independent piece of research which is clearly related to their overall program of study. Most topics will be drawn from either the candidate's work experience and/or areas of interest. This two-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 venue in which research can be undertaken to apply and/or extend knowledge developed in their program of study. The research must reflect mastery of the content of current literature and of knowledge and skills developed by the learner in his/her prior program. To successfully complete the course, students will be required to carry out supervised research on their chosen topic using an appropriate research method, present a research paper for examination and defend the results at an appropriate scholarly standard. This course will operate on the basis of frequent individual consultation and feedback between the student and course leader. The course examiner will provide advice and feedback on the development of a suitable topic building on the work undertaken in the prerequisite courses RSH8000 Introduction to Research and RSH8001 Research Methods.

SCA1001 PERSUASIVE COMMUNICATION: PRESENTING YOURSELF AND YOUR IDEAS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld

Semester 3 (ONL)Toowoomba

Units 1 (Creative Arts not elsewhere cl) Band 1A

Enrolment is not permitted in SCA1001 if CMS1000 has been previously completed.

As a foundational course, students will be introduced to successful communication at university and in their discipline. This course introduces students to foundational theory and practice of written and oral communication across a diverse range of creative and professional disciplines. This course will introduce principles of persuasive communication and the kinds of contexts that are conducive to its effective use: working with the public, being members of teams, being a leader of a team, being collaborative, communicating with empathy, negotiation skills, conflict management and confidentiality. Through a mixture of discussion and workshops, this course is geared towards first-year students who find they frequently need to communicate their ideas to people in a variety of professional and informal contexts. Students will learn about effective communication through different media platforms and audience considerations in order to enhance critical thinking skills to improve constructive communication and employability.

SCA1002 INTRODUCTION TO CREATIVE AND CRITICAL THINKING (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld

Semester 3 (ONL)Toowoomba

Units 1 (Creative Arts not elsewhere cl) Band 1A

This foundational course develops students' creative and critical thinking skills through the introduction of historical, theoretical and practical approaches. The ability to play, experiment, reflect and collaborate in solving problems will be introduced as key strategies for assisting students to use critical and creative thinking. Through engagement with specific examples of critical and creative thought, students will develop the critical and creative skills necessary for practice within the creative professions and beyond.

SCA1222 PUBLIC SPEAKING FOR LAWYERS (FBELA - UGRD)

Units 1 (Creative Arts not elsewhere cl) Band 1A

Pre-requisite or Co-requisite: LAW1111

This course will deliver practical exercises to develop student capabilities to analyse, construct, practise and present aspects of public and persuasive speaking. Feedback will be provided to support student personal and professional development. Students will engage Pathos, Ethos, Logos as well as the structural application of thesis, antithesis and synthesis to analyse monologues, apply vocal technique, take on a role, in order to write and present their own speech. Collaboration, peer learning and demonstration will encourage students to work independently on increasing their skills in appropriate persuasive and public speaking skills.

SCA2001 CULTURAL RESPONSIBILITIES AND CREATIVE COMMUNITIES (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld

Semester 3 (ONL)Toowoomba

Units 1 (Creative Arts not elsewhere cl) Band 1A

This course will develop student awareness around the advocacy and agency that may be produced where creative and culturally responsible practice is applied in community contexts. The design and management of cultural responsibility, reflective practices, and sensitive collaborative strategies will be discussed in order to increase student abilities to consider people "other" than themselves when working in communities, for the promotion of innovation and wellbeing. Students will learn how to understand their own inherent biases to raise their awareness of the values, ideas and sensitivities of people "other" than themselves. Students will undertake a range of authentic assessments designed to develop their capacity for work in communities upon graduation.

SCA2002 ARTS BUSINESS: MAKING AND MANAGING YOUR ARTS CAREER (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld

Semester 3 (ONL)Toowoomba

Units 1 (Creative Arts not elsewhere cl) Band 1A

This course introduces students to the fundamental principles and procedures for researching, planning, managing and promoting their professional arts practice. The course will engage the creative potential of entrepreneurship, leadership and business management as key features of the course in order to prepare emerging artists to plan for their long-term business acumen for a career in the creative arts. Arts students need to be agile and adaptable to create possibilities in a range of diverse opportunities. In this course students will reflect on how their arts practice can align with other professional areas such as health and wellbeing, and the corporate and education sectors.

SCA4000 HONOURS DISSERTATION 1 (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba

Units 2 (Creative Arts not elsewhere cl) Band 1A

Pre-requisite: Students must be enrolled in the following Program: BCAA Enrolment is not permitted in SCA4000 if HMT4001 has been previously completed

This course, along with SCA4001 Honours Dissertation B, will enable students enrolled in the Bachelor of Creative Arts (Honours) program to design and complete an individual supervised research project. During this course, students will plan and write their exegesis or dissertation of 8,000 -12,000 words. Students will work closely with their supervisor to develop their exegesis or dissertation, involving the development and review of a research proposal, literature review and methodology, as well as the selection of theoretical or other disciplinary approaches as appropriate. Once enrolled, students will proceed in either MODE 1 (for students commencing in the BCAA) or MODE 2 (students continuing/completing in the BCAA).

SCA4001 HONOURS DISSERTATION 2 (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba

Units 2 (Creative Arts not elsewhere cl) Band 1A

Pre-requisite: Students must be enrolled in the following Program: BCAA Enrolment is not permitted in SCA4001 if HMT4002 has been previously completed

This course, along with SCA4001 Honours Dissertation B, will enable students enrolled in the Bachelor of Creative Arts (Honours) program to design and complete an individual supervised research project. During this course, students will plan and write their exegesis or dissertation of 8,000 -12,000 words. Students will work closely with their supervisor to develop their exegesis or dissertation, involving the development and review of a research proposal, literature review and methodology, as well as the selection of theoretical or other disciplinary approaches as appropriate. Once enrolled, students will proceed in either MODE 1 (for students commencing in the BCAA) or MODE 2 (students continuing/completing in the BCAA).

SCA4002 RESEARCH PRACTICE A (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba

Units 2 (Creative Arts not elsewhere cl) Band 1A

Pre-requisite: Students must be enrolled in the following Program: BCAA Enrolment is not permitted in SCA4002 if BCA8003 has been previously completed

Students will undertake advanced research, both practical and theoretical, within a practice-led pathway - developing skills and practice through intensive studio work on an individual project. This practice is directly related to, and complements the research undertaken in SCA4000 Honours Dissertation A.

SCA4003 RESEARCH PRACTICE B (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba

Units 2 (Creative Arts not elsewhere cl) Band 1A

Pre-requisite: Students must be enrolled in the following Program: BCAA Enrolment is not permitted in SCA4003 if BCA8004 has been previously completed

Students will undertake advanced research in either practice-led or theoretical pathways - developing skills and understanding of practice through intensive studio work on an individual project. This practice is directly related to, or complements the research undertaken in SCA4000 Honours Dissertation B.

SCA6222 ADVANCED PUBLIC SPEAKING FOR LAWYERS (FBELA - PGRD)

Units 1 (Creative Arts not elsewhere cl) Band 1A

Pre-requisite or Co-requisite: LAW5111

This course will deliver practical exercises to advance student capabilities to analyse, construct, practise and present aspects of public and persuasive speaking. Feedback will be provided to support student personal and professional development. Students will engage Pathos, Ethos, Logos as well as the structural application of thesis, antithesis and synthesis to analyse monologues, apply vocal technique and take on a role in order to write and present their own speech. Collaboration, peer learning and demonstration will encourage students to work independently on increasing their skills in appropriate persuasive and public speaking skills.

SCI1001 SUCCEEDING IN SCIENCE (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Natural and Physical Sciences) Band 2

This course provides an introduction to the development of science and its role in human society. The approaches to science, distinguishing real science from pseudoscience, key figures and their contribution, past and present debates, and, some of the important ideas of science will be examined. The course will initiate the development of critical thinking skills, through the analysis and interpretation of ideas of science, and, in so doing will provide a basis for further studies in any science discipline. The course will also provide guidance into successful study strategies, ways of coping with stress and managing the demands of both life and study. Additionally, options for careers in science will be explored and successful scientists from both industry and academia will be invited to give their perspectives on what is required to succeed in science.

SCI1901 SCIENCE FUNDAMENTALS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Natural and Physical Sciences) Band 2

This course provides an introduction to science as a process of inquiry and to key areas of science that underpin many of the disciplines of science and technology. The course examines energy and forces, physical and chemical properties of materials, the Solar System, the shaping of the Earth and the properties of its rocks and minerals, evolution of living things and their characteristics, human impacts on ecosystems and landscapes and the concept of sustainability. The course is aimed primarily at students with little prior knowledge of science, who seek increased knowledge and skills in science, to assist in professional accreditation and personal development.

SCI3301 SCIENCE PROJECT (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Natural and Physical Sciences) Band 2

This course provides students with an opportunity to carry out research work in a situation which resembles, as closely as possible, that in which they may find themselves when they begin a career in science. Students are required to thoroughly research and plan their project in consultation with an academic supervisor and submit a detailed report on completion of the project. A large proportion of the project will be laboratory or field oriented. Placement in this course depends on availability of a supervisor in the chosen area.

SCI3302 WORK-INTEGRATED-LEARNING (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (EXT)Toowoomba

Semester 2 (ONC)Toowoomba (EXT)Toowoomba

Semester 3 (EXT)Toowoomba (ONC)Toowoomba

Units 1 (Natural and Physical Sciences) Band 2

Pre-requisite: Completion of 2nd year (or 2 years full time study in a relevant area)

This course provides students with an opportunity to apply their specialised subject knowledge and academic skills to a practical situation in order to prepare them to successfully work in their future professional environment. It allows students to improve their learning by the application of the concepts, theories and graduate skills developed in their major area of study to their workplace activities and within a team environment. It will encourage a reflective approach to the development of their workplace skills. It is envisioned that the work-integrated-learning will enhance the student's post-graduation employment prospects. The course is offered in S1, S2, and S3. Students that are in employment may define a project in consultation with their employer and discussion with the SCI3302 course examiner, however, the project is to be unrelated to their usual workplace activities. Students who enrol in this course cannot request an exemption based on grounds of professional experience. The normal workload for this course is fifteen (15) days of placement during the teaching period in which enrolled. If a suitable work-integrated-learning placement, project or other related WIL opportunity is not available, the student will not be able to enrol in this course.

SCI4403 SPECIAL STUDY IN SCIENCE (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (EXT)Toowoomba

Semester 2 (EXT)Toowoomba (ONC)Toowoomba

Units 1 (Natural and Physical Sciences) Band 2

The subject matter studied by students taking this course will vary, in order to complement the student's research projects. The student will be expected to gain knowledge in a selected field by private study consulting appropriate literature available through the library or provided by the supervisor. The special study in science area chosen will be assigned after consultation with the examiner and the appropriate Program Coordinator. Students may be directed to a certain science study, or they may be asked to nominate an appropriate study. To fulfil entry requirements, students must provide the course examiner a satisfactory study plan, endorsed by the appropriate Program Coordinator/Supervisor, by the end of week 1 of the semester in which they are taking the course. It is the students' responsibility to attend and participate appropriately in all activities (such as lectures, tutorials, laboratories and practical work) scheduled for them, and to study all material provided to them or required to be accessed by them to maximise their chance of meeting the objectives of the course and to be informed of course-related activities and administration.

SCI4405 RESEARCH PRACTICE AND ETHICS (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Natural and Physical Sciences) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: BSCH or BHSH or BHEH

The modular structure of the course is designed to allow the student to develop skills in particular aspects of scientific communication. Topics include computer-based information retrieval, experimental design and analysis, verbal and written scientific communication skills, the interaction between science and society with an emphasis on the philosophy of science, and the role of ethics and academic integrity in research.

SCI4407 COMPLEMENTARY STUDIES A (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Natural and Physical Sciences) Band 2

This course provides the opportunity for a student to pursue an area of study which will complement the other studies in their program. Typically the course will consist of specialised investigations extending knowledge and skills in a certain area. The studies could involve, for example, a directed reading course, an extension to a project (where appropriate), or some other approved activity which would complement the student's studies. The area of study chosen will be assigned after consultation with the examiner and a staff member with expertise in the area concerned. To fulfil entry requirements into the course, students must provide the course examiner with a satisfactory study plan, endorsed by the appropriate staff member, by the end of week 1 of the semester in which they are taking the course.

SCI4408 COMPLEMENTARY STUDIES B (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Natural and Physical Sciences) Band 2

This course provides the opportunity for a student to pursue an area of study which will complement the other studies in their program. Typically the course will consist of specialised investigations extending knowledge and skills in a certain area. The studies could involve, for example, a directed reading course, an extension to a project (where appropriate), or some other approved activity which would complement the student's studies. The area of study chosen will be assigned after consultation with the examiner and a staff member with expertise in the area concerned. To fulfil entry requirements into the course, students must provide the course examiner with a satisfactory study plan, endorsed by the appropriate staff member, by the end of week 1 of the semester in which they are taking the course.

SCI4409 SCIENCE HONOURS PROJECT 1 (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (ONC)Toowoomba

Units 2 (Natural and Physical Sciences) Band 2

This course involves students in a research project which will be supervised by a member of staff with appropriate expertise. It may consist of pure or developmental research in an important area of science and be based on experimental work conducted either within the University or elsewhere in conjunction with a government or private organisation. This course will require the student to undertake, suitably organise and present an honours thesis and deliver several seminars on their research topic, in addition to conducting their research program. Science Honours Project A and B need to be undertaken in consecutive semesters, overall Honours grades being determined in accordance with School of Agricultural, Computational and Environmental Sciences Honours Program Guidelines.

SCI4410 SCIENCE HONOURS PROJECT 2 (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (EXT)Toowoomba

Units 2 (Natural and Physical Sciences) Band 2

This course involves students in a research project which will be supervised by a member of staff with appropriate expertise. It may consist of pure or developmental research in an important area of science and be based on experimental work conducted either within the University or elsewhere in conjunction with a government or private organisation. At the conclusion of their research program students are required to submit a detailed research thesis. Overall Honours grades will be determined in accordance with School of ACES Honours program guidelines.

SCI6101 SCIENCE IN PRACTICE (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (General Education Programmes n) Band 7

This course provides the opportunity for a student to develop skills required to put Science into practice in their chosen science study area. These skills include the ability to critically evaluate scientific literature, synthesise information specific to the student's area of study, and reflect on the student's own scientific practices. Typically, the course will frame the development of these skills specifically to the student's area of study, however, the area of study must be approved by the course examiner via discussion on the course Study Desk forum. On completion of this course, students are expected to have gained skills in a body of knowledge or practice to independently analyse critically, reflect on, and synthesise complex information, problems, concepts and theories with respect to today's practice of Science.

SCI6102 RESEARCH SKILLS (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (General Education Programmes n) Band 7

This course provides students with an opportunity to develop scientific research skills by interpreting existing data and transmitting this knowledge via the associated course assessment. The topic associated with the research in this course will be chosen by the student in consultation with the course examiner via the course StudyDesk forums. On completion of this course students are expected to gain specialised knowledge and skills required to undertake independent research by applying established theories and interpreting and transmitting their knowledge, skills and ideas to specialist and non-specialist audiences. The use of project-based learning provides students with an opportunity to carry out data-based research of a topic relevant to their program study area.

SCI6103 RESEARCH FUNDAMENTALS AND ETHICS (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Natural and Physical Sciences) Band 2

Pre-requisite: Students must be enrolled in one of the following programs: MSCN or MSCR or MCTN or MADS or GCSC or GDSI or DPHD or its equivalent. Enrolment is not permitted in SCI6103 if SCI4405 has been previously completed.

This modular course is designed to provide students with a variety of communication skills applied through ethical and academic integrity principles. Students will learn about critical analysis, incorporating the scientific method and process. Students will undertake linked modules that connect fundamental skills with information literacy, scientific application including research communication, academic integrity in the age of the changing technologies, appreciation of the role of research, the research process, and responsibilities of the modern scientist.

SCI9011 MASTER OF SCIENCE RESEARCH PROJECT A (FHESC - RSCH)

Semester 1 (EXT)Toowoomba (ONC)Ipswich (ONC)Toowoomba

Units 1 (Natural and Physical Sciences) Band 2

Pre-requisite: Student must be enrolled in the following Program: MSCR

Candidates in the Master of Science (Research) will undertake studies on their research project in consultation with their Project Supervisors. This is a one-unit course that contributes towards the Master of Science (Research) thesis. It comprises the research and writing of a thesis (maximum of 40,000 words). Students examine a selected research topic in their area of interest, usually related to their work environment and are assisted by their supervisory team with appropriate background. The dissertation will be a significant piece of independently conducted and written research. To successfully complete the thesis, 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.

SCI9012 MASTER OF SCIENCE RESEARCH PROJECT B (FHESC - RSCH)

Semester 1 (ONC)Ipswich (ONC)Toowoomba (EXT)Toowoomba

Units 2 (Natural and Physical Sciences) Band 2

Pre-requisite: Student must be enrolled in the following Program: MSCR

Candidates in the Master of Science (Research) will undertake studies on their research project in consultation with their Project Supervisors. The Research Proposal is developed in this course as part of the confirmation of candidature in the MSCR program. Admission to the Master of Science (Research) program is normally provisional until the student successfully completes the Confirmation of Candidature process. The following areas will normally be addressed in the Confirmation Proposal: - aims and objectives of the research; - review of the relevant literature; - proposed contribution to the field of research; - details of the proposed research methods, including analysis of data; - draft research ethics application, if appropriate; - milestones and timelines; - resources required to complete the research; and - an indication of the type of Thesis expected to be submitted (e.g. Standard Thesis, Thesis by Publication).

SCI9013 MASTER OF SCIENCE RESEARCH PROJECT C (FHESC - RSCH)

Semester 1 (ONC)Ipswich (EXT)Toowoomba (ONC)Toowoomba

Semester 2 (ONC)Toowoomba (ONC)Ipswich (EXT)Toowoomba

Units 2 (Natural and Physical Sciences) Band 2

Pre-requisite: Student must be enrolled in the following Program: MSCR

Full-time candidates in the Master of Science (Research) (MSCR) should enrol in this course in the second semester of their program. Students will undertake research and present a seminar on their research progress achieved. The subject of their Research Project will be decided in consultation with their Project Supervisors and the Faculty MSCR Program Coordinator.

SCI9014 MASTER OF SCIENCE RESEARCH PROJECT D (FHESC - RSCH)

Semester 1 (EXT)Toowoomba (ONC)Ipswich (ONC)Toowoomba

Semester 2 (ONC)Toowoomba (EXT)Toowoomba (ONC)Ipswich

Units 2 (Natural and Physical Sciences) Band 2

Pre-requisite: Student must be enrolled in the following Program: MSCR

Candidates in the Master of Science (Research) will undertake studies on their research project in consultation with their Project Supervisors.

SCI9015 MASTER OF SCIENCE RESEARCH PROJECT E (FHESC - RSCH)

Semester 1 (EXT)Toowoomba (ONC)Ipswich

Semester 2 (ONC)Toowoomba (ONC)Ipswich (EXT)Toowoomba

Units 2 (Natural and Physical Sciences) Band 2

Pre-requisite: Student must be enrolled in the following Program: MSCR

Candidates in the Master of Science (Research) will undertake studies on their research project in consultation with their Project Supervisors.

SCI9017 MASTER OF SCIENCE PSYCHOLOGY RESEARCH PROJECT (FHESC - RSCH)

Semester 1 (EXT)Toowoomba

Units 2 (Natural and Physical Sciences) Band 2

Full-time candidates in the Master of Science (Research) Psychology Stream (MSCR) should enrol in this course in the first semester of their program. The subject of their Research Project will be decided in consultation with their Project Supervisors. The Research Proposal is developed in this course as part of the confirmation of candidature in the MSCR program. This course contains a recommended residential school.

SES1002 INTRODUCTION TO SPORT AND EXERCISE (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Ipswich (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich (ONC)Toowoomba
Units 1 (Human Movement) Band 1B

This course will outline specific skills required in sport and exercise science and link these to sub-discipline specific scenarios. The course will address options and strategies related to studying sport and exercise content, relevant professional issues and career expectations. Students will review UniSQ's graduate attributes and articulate their relevance to themselves and the program and courses. Students will explore verbal and nonverbal communication (including the use of technology), critical thinking skills and the dynamics of interpersonal and group communication in a range of contexts. Students will have the opportunity to expand written, verbal and personal interaction skills, applicable to careers in sport and exercise in an ever-changing and at times challenging professional environment. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES1101 GROWTH, DEVELOPMENT AND LIFESPAN (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Human Movement) Band 1B

This course provides students with the opportunity to apply knowledge in growth and development across the lifespan. Content addresses and examines physical growth, the development of motor characteristics and the cognitive, social and emotional development of humans from childhood throughout life. The course also enables students to develop an understanding of the effects of exercise, injuries and a range of other issues and conditions that influence growth and development and ways of addressing these. Relevant research and guidelines on growth and development are examined from a variety of disciplines areas, as they relate to exercise.

SES1103 NUTRITION AND EXERCISE (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (ONC)Ipswich (ONC)Ipswich (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba
Units 1 (Human Movement) Band 1B

This course provides an understanding of the principles of nutrition applied to exercise and health of a range of population groups throughout the lifespan (including body composition of individuals). It will describe the roles of macro and micro-nutrients during exercise and outline the relationship of nutrition and exercise and its role in the prevention and treatment of chronic metabolic conditions such as obesity, diabetes and heart disease. The course will also provide students with the opportunity to develop knowledge and skills associated with various age groups and special populations with regards to nutrition and exercise. Nutritional guidelines and any relevant exercise strategies for optimal health will be provided in relation to weight loss, eating disorders, and the requirements of special populations. The course will outline the special requirements of people engaged in various sports and physical activities and address a range of issues relevant to this group. The role of dietary supplements, sports drinks, vitamins and ergogenic aids as they relate to athletes and other groups will be outlined. A focus will be on outlining a healthy lifestyle where nutrition and exercise are important components. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES2102 MOTOR CONTROL AND LEARNING (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Human Movement) Band 1B
Pre-requisite: BIO1203 and BIO1206 and SES1002 and SES1103

This course will provide students with an understanding of the nature of motor control and learning. It outlines the theoretical basis of motor control and learning to be able to select and perform assessments of motor skills. The course will assist students develop knowledge and skills relevant to the design of suitable programs, based on best practice, for use in teaching motor skills to meet the needs of clients. The course will also provide information relevant to a generally healthy population, especially those involved in sport and physical activity and, to individuals and groups across a range of populations. The use of motor control and learning in the development of motor skills and in rehabilitation will be a focus. Current research and the relationship to other discipline areas will be outlined. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES2103 FUNCTIONAL ANATOMY (FHESC - UGRD)

Semester 1 (ONC)Ipswich (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich
Units 1 (Human Movement) Band 1B
Pre-requisite: BIO1203 and BIO1206 and SES1002 and SES1103

This course outlines the neuro-musculoskeletal system and its relevance to function and movement. The course particularly develops knowledge necessary to identify the structural and functional requirements of the neuro-musculoskeletal system in relation to human motion during a variety of physical activities. Observation and analysis of various practical activities will be undertaken to increase knowledge and skills with regards to movement activities and reporting on relevant aspects relevant to exercise prescription. Relevant research methods and current research information on functional anatomy will be outlined. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES2104 EXERCISE PHYSIOLOGY (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich (ONC)Ipswich
Units 1 (Human Movement) Band 1B
Pre-requisite: BIO1203 and BIO1206 and SES1002 and SES1103

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 respond to acute and chronic stressors in sport and exercise. The knowledge obtained will be applied to evaluate, improve and maintain health, fitness and sports performance. Practical and technical skills, and skills in reading, reporting and evaluating research in sport and exercise physiology will be gained. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES2105 INTRODUCTION TO RESEARCH METHODS AND STATISTICS (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich (ONL)Toowoomba
Units 1 (Human Movement) Band 1B
Pre-requisite: BIO1203 and BIO1206 and SES1002 and SES1103

This course provides an overview of many aspects related to research methodologies, methods, and statistical analysis. A review of the integration of the relevant research information that has been outlined in the various courses in the program is provided and a consolidation of knowledge and skills is provided. The importance of applying latest research to ensure best practice is outlined. An outline of practical skills to be able to perform work based research proposal is provided.

SES2201 HEALTH, EXERCISE AND SPORT ASSESSMENT (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich (ONC)Ipswich
Units 1 (Human Movement) Band 1B
Pre-requisite: BIO1203 and SES1002 and SES1103 Pre-requisite or Co-requisite: BIO1206

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 safely conduct a range of assessments, record and analyse results and report the findings. The course will also outline the interaction of theoretical and practical aspects related to exercise and sport assessment and the role of research from various disciplines. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES2202 BIOMECHANICS (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich (ONC)Ipswich
Units 1 (Human Movement) Band 1B
Pre-requisite: BIO1203 and BIO1206 and SES1002 and SES1103

This course examines biomechanics and its relationship to humans in movement across a range of groups in the population. It outlines the theoretical basis of human performance and provides practical opportunities to measure human performance. It provides the opportunity to analyse the data and design programs to meet the specific needs of clients. The importance of research in biomechanics for best practice and the interaction with relevant discipline areas will be presented. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES2203 PHYSICAL ACTIVITY AND HEALTH (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Human Movement) Band 1B

This course outlines contemporary thinking with regard to health promotion, particularly as it relates to the levels of physical activity of the population. The course will examine a range of health programs and agencies, including the importance of using theoretical frameworks, behaviour change theory and partnerships when planning population level physical activity programs. Physical activity levels across the lifespan and within special populations will be presented and interventions to improve health and fitness (and associated psychological aspects) will be examined. 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 EXERCISE PROGRAM DELIVERY (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich (ONC)Ipswich
Units 1 (Human Movement) Band 1B
Pre-requisite: BIO1203 and SES1002 and SES1103 Pre-requisite or Co-requisite: BIO1206

This course will enable students to develop the knowledge and skills necessary to deliver an exercise program either in-person or remotely in individual and group sessions to meet their specific goals and needs. The course outlines and provides practical experiences in regarding how to deliver an exercise program for (apparently) healthy clients and those with pathology or injury that has been prescribed by an appropriately qualified health professional. The delivery of exercise programs for clients for groups and clients across the lifespan, including those with special needs will also be outlined. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES2299 PROFESSIONAL PLACEMENT 2 (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (ONC)Toowoomba (ONC)Ipswich (ONC)Ipswich
Units 0.2 (Human Movement) Band 1B
Pre-requisite: SES1299 and BIO1203 and SES1101 and SES1002 and SES2203 Pre-requisite or Co-requisite: BIO1206 and SES2205 and SES2201

This course provides students with the opportunity to gain further insight into authentic professional practice in a sport and exercise context. The course will enable students to develop the ability to communicate theoretical knowledge and to apply practical skills in exercise assessment and delivery acquired in their program of study thus far, in a proficient manner. The course outlines opportunities to value add to professional 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.

SES3101 EXERCISE PRESCRIPTION AND PRACTICE (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich (ONC)Ipswich
Units 1 (Human Movement) Band 1B
Pre-requisite: BIO1206 and SES2103 and SES2205 and SES2202 and SES2104

This course will enable students to develop knowledge and skills required to plan and implement exercise programs for an apparently healthy population and for individuals within selected special populations (such as those with chronic illness and/or disability and for the aged). Exercise prescription principles will be examined in conjunction with evidence-based training methods to improve health and performance related to components of physical fitness and wellbeing (including the components of physical function and capacity). Principles of exercise program development will be considered to enable students to develop practical skills in relation to the design and delivery of exercise activities to a range of individuals and groups in diverse exercise settings. The course will take an evidence-based approach to exercise prescription and practice to support contemporary exercise methodology including risk assessment and safety considerations for diverse exercise settings. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES3102 PRINCIPLES OF SPORTS MEDICINE AND REHABILITATION (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich (ONC)Ipswich
Units 1 (Human Movement) Band 1B
Pre-requisite: SES2103 and SES2104 and SES2201 and SES2205

This course will examine exercise rehabilitation and injury prevention for physical activity in a range of activities across the lifespan, and within specific populations. Topics covered include the various factors associated with injury, strategies to prevent injury, and the role of exercise in the rehabilitative process. Addressing exercise prescription and rehabilitation provides a focus on musculoskeletal rehabilitation protocols specifically targeting shoulder, knee and ankle rehabilitation and builds on an understanding of the fundamental principles of exercise physiology. The course will review and incorporate knowledge and skills from various disciplines that is appropriate to sports medicine. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES3130 CLINICAL EXERCISE PHYSIOLOGY FOR YOUNG PEOPLE (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Human Movement) Band 1B
Pre-requisite or Co-requisite: SES3202 and (SES3299 or SES3399) and NSC2500 and SES3101

This course provides an introduction to conditions that affect individual uals from birth, throughout childhood and adolescence, to the start of adulthood. This course will investigate the epidemiology, aetiology and pathophysiology of common and important cardiovascular, metabolic, pulmonary, musculoskeletal, neuromuscular, renal, mental health, and cancer conditions found in clinical populations from children and adolescents. Students will develop knowledge and skills to provide expert exercise assessment and testing, prescription of exercise interventions, and monitoring of clients' progress throughout prescribed exercise. Additionally, this course will enable students to build fundamental and generic skills that underpin the practice of exercise physiology in Australia. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES3202 CLINICAL PRACTICE SKILLS 1 (FHESC - UGRD)

Semester 2 (ONC)Ipswich (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Human Movement) Band 1B
Pre-requisite or Co-requisite: BIO1206 and SES2104 and SES2201 and SES2299 and SES3101

This course provides an introduction to the role and responsibilities of the clinical exercise physiology profession within the Australian healthcare system. This course will help develop the practical skills required by students when working with clinical clients and populations so they can provide expert exercise assessment and testing, prescription of exercise interventions, and monitoring of client progression throughout prescribed exercise. The course requires interactive engagement for students to develop ability to self-analyse the rationale behind their clinical skills and clinical decision-making processes. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES3205 INDEPENDENT STUDY IN SPORT AND EXERCISE (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Ipswich
Units 1 (Human Movement) Band 1B
Pre-requisite: SES2102 and SES2103 and SES2104 and SES2105 and SES2201 and SES2205

This course will provide students with the skills and knowledge required to formulate, after critical review of relevant literature, technology and resources, a relevant research proposal in an area of sport and exercise science or clinical exercise physiology. Students will have pre-requisite knowledge in the key disciplines of sport and exercise science and research methods. Skills will be developed to allow for the evaluation of research studies, and highlight the importance of applying latest research from relevant disciplines to ensure best professional practice. Students will be required to undertake a critical review of the literature. The development of a research project will provide the practical skills to undertake evidence-based research as a normal part of professional practice and as a contribution to knowledge and practice in the area of sport and exercise or clinical exercise physiology.

SES3206 STRENGTH TRAINING AND CONDITIONING (FHESC - UGRD)

Semester 2 (ONC)Ipswich (EXT)Toowoomba (ONC)Ipswich (EXT)Toowoomba
Units 1 (Human Movement) Band 1B
Pre-requisite: SES2103 and SES2104

This course will provide students with an understanding of the fundamental and advanced scientific principles and practices of strength training and conditioning for sport and exercise performance. The course will assist students to develop knowledge and skills relevant to the design of suitable programs, based on best practice, for use in teaching strength training and conditioning. The course will not only provide information relevant to a general healthy population, especially those involved in sport and physical activity, but to individuals and groups across a range of athletic populations. The use of strength training and conditioning in the development of periodisation programs to optimise sport and exercise areas. Current research and the relationship to other discipline areas will be outlined. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES3231 CLINICAL EXERCISE PHYSIOLOGY FOR ADULT TO MIDDLE AGE (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Human Movement) Band 1B
Pre-requisite: BIO1206 and SES2104 and Students must be enrolled in the following Program: BSEH

This course provides an introduction to the common conditions that affect individuals from the start of adulthood to middle age. This course will investigate the epidemiology, aetiology and pathophysiology of common and important cardiovascular, metabolic, pulmonary, musculoskeletal, neuromuscular, renal, mental health, and cancer conditions found in clinical adult populations up to middle age. Students will develop knowledge and skills to provide expert exercise assessment and testing, prescription of exercise interventions, and monitoring of adult clients' progress throughout the prescribed exercise. Additionally, this course will enable students to build fundamental and generic skills that underpin the practice of exercise physiology in Australia. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES3299 PROFESSIONAL PLACEMENT 3 (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Toowoomba (EXT)Toowoomba (ONC)Toowoomba (ONC)Ipswich
Units 0.5 (Human Movement) Band 1B
Pre-requisite: SES2299 and SES2102 and SES2103 and SES2104 and SES2201 and SES2202 and SES2205 Pre or Co-requisite: SES2105 and SES3101

The third placement course provides students with the opportunity to develop the ability to communicate theoretical knowledge and to apply practical skills in a proficient manner. The course outlines opportunities to value add to professional 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. Students are required to pass all assessment items in the course in order to pass the course overall.

SES4101 CLINICAL EXERCISE PHYSIOLOGY FOR MATURE TO LATER YEARS (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Human Movement) Band 1B
Pre-requisite: SES3202 and (SES3299 or SES3399) and NSC2500 and SES3206 Pre-requisite or Co-requisite: SES3231

This course provides an introduction to the common conditions that affect people in their middle age to later years. This course addresses the epidemiology, aetiology and pathophysiology of major cardiovascular, metabolic, pulmonary, musculoskeletal, neuromuscular, renal, cancer, and mental health conditions commonly found in clinical populations from middle age to later years. Students will develop knowledge and skills to provide expert exercise assessment and testing, prescription of exercise interventions, and monitoring of older adult clients' progress throughout prescribed exercise. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES4102 CLINICAL PRACTICE SKILLS 2 (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Human Movement) Band 1B
Pre-requisite: SES3202 and (SES3299 or SES3399) and NSC2500 and SES3101

This course builds upon SES3202 with further exploration of the roles and responsibilities of the clinical exercise physiology profession within the Australian healthcare system, with a focus on skills for workplace assessment, and the provision of occupational rehabilitation. This course will further develop the practical skills required by students when working with clinical populations to provide exercise assessment and testing, prescription of exercise interventions, and monitoring of clients' progress throughout the prescribed exercise programs. The course requires interactive engagement for students to develop ability to analyse the rationale behind their clinical skills and decision-making processes. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES4105 INDEPENDENT STUDY IN SPORT AND EXERCISE 2 (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONL)Toowoomba
Units 1 (Human Movement) Band 1B
Pre-requisite: SES3205

This course will provide students with the skills and knowledge required to undertake an independent research study in an area of sport and exercise science or clinical exercise physiology. Students will have pre-requisite knowledge in the key disciplines of sport and exercise science and research methods. The ability to undertake an independent research project will provide the confidence and practical skills to undertake evidence-based research as a normal part of professional practice and as a contribution to knowledge and practice in the area of sport and exercise. This course will allow use of sport and exercise laboratories to conduct supervised research.

SES4199 CLINICAL PROFESSIONAL PLACEMENT 1 (FHESC - UGRD)

Semester 1 (EXT)Toowoomba
Units 1 (Human Movement) Band 1B
Pre-requisite: SES3202 and (SES3299 or SES3399) Pre-requisite or Co-requisite: SES3130 and SES4102

This course will provide students with an opportunity to undertake 180 hours of clinical professional work experience within the clinical exercise physiology scope of practice. Every student's work experience will be supervised by an Exercise and Sports Science Australia Accredited Exercise Physiologist, a university-trained allied health professional (e.g. registered physiotherapist) or an exercise scientist with appropriate experience working with clients with chronic disease. Clinical work experience is intended to provide students with opportunities to develop skills and knowledge in clinical exercise physiology to enhance their professional development and potential ability. In order to meet external accreditation requirements, students are required to pass all assessment items in the course in order to pass the course overall.

SES4203 CLINICAL PRACTICE SKILLS 3 (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Human Movement) Band 1B
Pre-requisite: SES3202 and (SES3299 or SES3399) and Students must be enrolled in the following Program: BSEH

This course builds upon SES3202 with further exploration of the roles and responsibilities of the clinical exercise physiology profession within the Australian healthcare system, including working with people with chronic clinical conditions, multi-trauma, or complex co-morbidities, people with disabilities, individuals from different races, cultures, and minority groups, refugees, first nations people, and people injured through armed service, war, or torture. This course will further develop the practical skills required by students when working with clinical populations to provide exercise assessment and testing, prescription of exercise interventions, and monitoring of clients' progress throughout the prescribed exercise programs. The course requires interactive engagement for students to develop ability to analyse the rationale behind their clinical skills and decision-making processes. This course contains a mandatory residential school for external students and mandatory practical classes for on-campus students. To pass this course, students must attend 80% of the residential school or practical classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES4299 CLINICAL PROFESSIONAL PLACEMENT 2 (FHESC - UGRD)

Semester 2 (EXT)Toowoomba

Units 1 (Human Movement) Band 1B

Pre-requisite: SES3202 and (SES3299 or SES3399) Pre-requisite or Co-requisite: SES3231 and SES4101

This course will provide students with an opportunity to undertake 180 hours of clinical professional work experience within the clinical exercise physiology scope of practice. Every student's work experience will be supervised by an Exercise and Sport Science Australia Accredited Exercise Physiologist, a university-trained allied health professional (e.g., registered physiotherapist), or an exercise scientist with appropriate experience working with clients with chronic disease. Clinical work experience is intended to provide students with opportunities to develop skills and knowledge in clinical exercise physiology to enhance their professional development and potential ability. In order to meet external accreditation requirements, students are required to pass all assessment items in the course in order to pass the course overall.

SES5100 FUNDAMENTAL PRINCIPLES OF STRENGTH AND CONDITIONING (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Human Movement) Band 1B

Pre-requisite: Students must be enrolled in one of the following Programs: MASC or GSCC or GSCD

This course examines fundamental principles underlying strength and conditioning for athletic populations addressing athlete profiling, testing and data interpretation, strength and conditioning program design, acute responses and adaptations to training, programming for athletic development and periodization concepts. Applicable knowledge and skills will assist students in the design of strength and conditioning programs based on current best practice. Current research pertaining to fundamental principles will be examined via a Problem-Based Learning approach supplemented with key learning extension activities, including online discussion, collaboration, and peer learning.

SES5101 ATHLETE TESTING AND MONITORING IN SPORT (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Human Movement) Band 1B

Pre-requisite: Students must be enrolled in one of the following Programs: MASC or GSCC or GSCD

This course examines the principles for performance testing procedures applicable to all tests and athletic populations including the safe and correct administration protocols for a range of performance tests for strength, power, flexibility, agility, speed, and endurance. The course also examines in detail the different types of athlete monitoring tools available and how they are applied across a spectrum of athletic population groups. In addition, the course explains how to interpret and present the scientific data and results from the sports testing and athlete monitoring applications in a usable and meaningful format for coach and athlete understanding. The knowledge and skills gained will enable students to select and conduct tests and then interpret and present their results with greater efficiency using information based on industry relevant standards. Learning in this subject is based on a Problem-Based Learning approach supplemented with key learning extension activities, including online discussion, collaboration, and peer learning.

SES5102 SPORTS NUTRITION AND SUPPLEMENTATION FOR HEALTH AND PERFORMANCE (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Human Movement) Band 1B

Pre-requisite: Students must be enrolled in one of the following Programs: MASC or GSCC or GSCD

This course will address current sports nutrition concepts and controversies linking information in the fields of nutrition science and strength and conditioning, specifically the function of the nutrients in the body and how these nutrients affect athlete health and performance. It will cover nutrition and supplementation strategies for health and performance nutrition centred around pre-, during and post-exercise considering various sporting activities. Food and fluid choices for maximising sport and exercise performance will be considered with protein and carbohydrate requirements. The role of dietary supplements, sports drinks, vitamins, and ergogenic aids as they relate to athletic populations and other groups will be analysed regarding claims made for performance enhancement and the relationship between exercise and the immune system. Current research will be examined via a Problem-Based Learning approach supplemented with key learning extension activities, including online discussion, collaboration, and peer learning.

SES5103 COMMUNICATION, LEADERSHIP AND NEGOTIATION IN SPORT (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Human Movement) Band 1B

Pre-requisite: Students must be enrolled in one of the following Programs: MASC or GSCC or GSCD

This course examines fundamental principles underlying communication, leadership and negotiation for strength and conditioning coaches when dealing with key personnel and stakeholders in high performance sport environments. In high performance sport, given pressure to perform, the high stakes and unpredictable outcomes, conflict is likely to occur. Such conflict can have a negative impact on team dynamics, with conflict between coaches and athletes presenting intra-team rivalry and power struggles. Therefore, the areas of professional interaction and the importance of 'soft skills' are examined in this course. The goal of such communication skills is to facilitate sound understanding and mutual respect through authentic dialogue and enhance mutually beneficial collaborative team outcomes. Collectively, communication is considered an important pillar in effective leadership and negotiation as a professional within the high-performance environment. Current research pertaining to communication, leadership and negotiation will be examined via a Problem-Based Learning approach supplemented with key learning extension activities, including online discussion, collaboration, and peer learning.

SES5105 TECHNOLOGY AND DATA SCIENCE IN STRENGTH AND CONDITIONING (FHESC - PGRD)

Semester 2 (EXT)Toowoomba

Units 1 (Human Movement) Band 1B

Pre-requisite: Students must be enrolled in one of the following Programs: MASC or GSCC or GSCD

This course examines principles of technology and data science in the strength and conditioning addressing wearable technology, global positioning systems, velocity-based training devices, heart rate monitors, and athlete monitoring systems. Such technology has been applied to strength and conditioning and has shaped the way data is collected and processed, how information is relayed between coaches and staff or to athletes, and the way in which athletes are monitored in the daily training and competition environments. Applicable knowledge and skills will assist students understanding of key considerations for sports strength and conditioning coaches and sports scientists before implementing new technologies. Current research pertaining to fundamental scientific principles will be examined via a case-study learning approach supplemented with key learning extension activities, including online discussion, collaboration, practical application, and peer learning. This course contains a mandatory residential school.

SES5106 INJURY PREVENTION AND REHABILITATION FOR ATHLETES (FHESC - PGRD)

Semester 2 (EXT)Toowoomba

Units 1 (Human Movement) Band 1B

Pre-requisite: Students must be enrolled in one of the following Programs: MASC or GSCC or GSCD

This course examines the role of the strength and conditioning professional in the injury prevention and rehabilitation process for athletes of all levels and sports. The course studies a number of key areas including the internal and external factors that contribute to sporting injuries, how these factors are managed from a strength and conditioning perspective, and the anatomical, physiological and pathological characteristics of common sporting injuries including the healing characteristics of these injuries and associated human tissues. The course will also explore how to assess, design and implement injury prevention and rehabilitation strength and conditioning programs for a variety of athletic populations based on current best industry practices. Finally, the course will investigate the psychological and sociological issues that injured athletes face throughout the rehabilitation process. The latest research and technologies will be examined via a Problem-Based Learning approach supplemented with key learning extension activities, including online discussion, collaboration, and peer learning. This course contains a mandatory residential school.

SES8001 ADVANCED BIOMECHANICS (FHESC - PGRD)

Semester 2 (ONC)Ipswich (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich

Units 1 (Human Movement) Band 1B

This course addresses biomechanics and its relationship to humans in movement across a range of groups in the population. It outlines the theoretical basis of human performance and provides practical opportunities to measure human performance. This course also provides the opportunity for students to analyse data and design programs to meet the specific needs of clients. The importance of research in biomechanics for best practice and the interaction with relevant discipline areas will be presented. Finally, this course will provide knowledge and skills relevant to advanced biomechanics research design and practices. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students. To pass this course, students must attend at least 5 of the 6 residential school sessions or fortnightly laboratory classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES8003 ADVANCED MOTOR CONTROL AND LEARNING (FHESC - PGRD)

Semester 1 (ONC)Ipswich (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich

Units 1 (Human Movement) Band 1B

This course provides both an introduction and advanced understanding of the nature of motor control and learning. It outlines the theoretical basis of motor control and learning to be able to select and perform assessments of motor skills. The course will develop knowledge and skills relevant to the design of suitable programs, based on best practice, for teaching motor skills to meet the needs of clients. The course will not only provide information relevant to a general healthy population, especially those involved in sport and physical activity, but to individuals and groups across a range of populations. The use of motor control and learning in the development of motor skills and in rehabilitation will be a focus. Additional advanced focus of motor learning in clinical populations and locomotion will be introduced. Current research and the relationship to other discipline areas will be outlined. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students. To pass this course, students must attend at least 5 of the 6 residential school sessions or fortnightly laboratory classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES8005 ADVANCED EXERCISE PHYSIOLOGY (FHESC - PGRD)

Semester 1 (ONC)Ipswich (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich

Units 1 (Human Movement) Band 1B

This course provides a review of the physiology of the body systems of the human body. Theoretical knowledge from various disciplines and from research within exercise physiology will be examined. The course will provide the opportunity to undertake practical physiological testing and assess how the data can improve exercise programs for clients. The effect of exercise on clients with a range of medical and other conditions will be reviewed. A range of theoretical and practical issues will be outlined. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students. To pass this course, students must attend at least 5 of the 6 residential school sessions or fortnightly laboratory classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES8006 ADVANCED EXERCISE PROGRAMMING AND REHABILITATION (FHESC - PGRD)

Semester 1 (ONC)Ipswich (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich

Units 1 (Human Movement) Band 1B

This course will provide an opportunity for students to develop the knowledge and skills necessary to deliver a client specific exercise program either in-person or remotely in individual and group sessions to meet their specific goals and needs. The course outlines and provides practical experiences in how to deliver an exercise program for apparently healthy clients and those with pathology or injury that has been prescribed by an appropriately qualified health professional. The delivery of exercise programs for clients for groups and clients across the lifespan, including those with special needs will also be outlined. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students. To pass this course, students must attend at least 5 of the 6 residential school sessions or fortnightly laboratory classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES8007 ADVANCED EXERCISE ASSESSMENT AND DELIVERY (FHESC - PGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich (ONC)Ipswich

Units 1 (Human Movement) Band 1B

This course assists with the developments of 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/or 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 explored. Exercise programs will be outlined and the opportunity provided to develop practical skills in leading and supervising activities in a range of exercise environments. Research data relevant to latest developments and trends will be investigated. Risk assessment and safety aspects will be outlined. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students. To pass this course, students must attend at least 5 of the 6 residential school sessions or fortnightly laboratory classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES8008 ADVANCED ANATOMY AND PHYSIOLOGY (FHESC - PGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba (ONC)Ipswich (ONC)Ipswich

Units 1 (Human Biology) Band 2

This course addresses advanced anatomy and functional anatomy principles and provides a review of all human physiological systems relevant to exercise. The course develops knowledge necessary to identify the structural and functional requirements of the neuro-musculoskeletal system in relation to human motion during a variety of physical activities. A thorough investigation of a range of issues related to exercise and the use of the musculoskeletal system across the lifespan and with various populations will be undertaken. Observation and analysis of various practical activities will be undertaken to increase knowledge and skills with regards to movement activities and reporting on relevant aspects relevant to exercise prescription. Relevant research methods and current research information on functional anatomy will be outlined. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students. To pass this course, students must attend at least 5 of the 6 residential school sessions or fortnightly laboratory classes. Student non-compliance with the attendance requirement will mean the student cannot pass the course.

SES8299 ADVANCED PROFESSIONAL PLACEMENT (FHESC - PGRD)

Semester 1 (EXT)Toowoomba (ONC)Ipswich (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich

Units 1 (Human Movement) Band 1B

Pre-requisite: SES8006 and SES8007

This course builds on preliminary learning regarding the nature of the authentic professional experience to be undertaken in an external environment based on the students' interest area. The course provides the opportunity to develop the ability to communicate theoretical knowledge and to apply practical skills in a proficient manner. The course outlines opportunities to value add to professional 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.

SOC1000 INTRODUCTION TO SOCIAL JUSTICE (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich

Units 1 (Sociology) Band 1B

This course deals with themes of systems of injustice, the social pathological impacts of inequalities, and the responses offered by social justice approaches. Through theoretical perspectives and practical exercises, students will gain a broad scope of knowledge regarding the meaningfulness of equality, the potential and limits of meritocracy, the need for accountability, knowledge for care giving, and the practices of various social movements. Students will acquire new knowledge of the ways states and state officials operate in responding to injustices.

SOC1002 BUILDING SOCIAL CAPITAL: LOVE AND SOCIAL JUSTICE (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Sociology) Band 1B

Through theoretical perspectives and practical exercises, this course introduces students to the broad concept of love as a sustainable foundation to building social capital. Students will develop their understanding of love beyond that of the romantic notion and examine how love can be utilised in the development of social capital, within the context of everyday settings. This course requires students to critically evaluate the importance of their role in building social capital and its relationships to individuals, social and economic development, and civil society.

SOC1003 IDENTITY, INEQUALITY AND SOCIAL JUSTICE (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Ipswich

Units 1 (Sociology) Band 1B

Enrolment is not permitted in SOC1003 if SOC2000 has been previously completed

This course will provide students with the opportunity to examine: the philosophical underpinnings of the concept of social justice; inequalities of social class through the lens of classical sociological theory; the need for an integrated analysis of class, gender and ethnicity; and the role of identity politics in the present day in challenging inequalities. Case studies may include migration and cultural diversity in Australia, inequalities in the criminal justice system, the role of the mass media, and the development of neo-nationalism. Students are encouraged to develop their own perspectives on these issues, while maintaining a critical reflexivity.

SOC2003 DISTRIBUTIVE JUSTICE AND MORAL POLITICS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Sociology) Band 1B

In this course, you will examine the implications of differing moral and political theories in relation to democratic politics and distributive justice. By exploring classic and contemporary philosophy in the context of contemporary global issues and drawing on examples from the fields of international politics, business, psychology and law, you will critically reflect on the rights, responsibilities and challenges of being a conscientious citizen in the twenty-first century.

SOC2004 COMMUNITY LEADERSHIP (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Sociology) Band 1B

This course introduces students to the idea of leadership in diverse communities through examining case studies and analysing a set of concepts and theories of leadership. Students will explore the notion of leadership across a spectrum and through case studies of prominent leaders, develop negotiation skills in various contexts including the interactions, relationships and disputes of individuals, government institutions and private corporations.

SOC2022 THEORIES OF POWER (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Sociology) Band 1B

Power is a central concept for Social Justice and other social sciences. In this course, you will examine competing theories of power from a Social Justice perspective. You will explore conventional concepts of power, particularly those based on coercion, dominance and control, and contrast these with competing conceptions of power based on co-operation and collaboration.

SOC3000 COLLABORATIVE COMMUNITY PROBLEM SOLVING (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Human Welfare Studies and Serv) Band 10

Pre-requisite: 12 course units (though 16 course units is recommended)

Students will work within cross disciplinary project teams consisting of a mix of students, professionals and community members from outside the university. Each team will have a community issue as signed to it. Where possible, this issue will be from an identified community, either within the local area, or from overseas where an international student brings an issue forward. A staff member will facilitate each project team's activities. Students will engage in a series of workshops where they meet as a group and contribute knowledge and competencies from their own experiences and disciplines to critically analyse the components of the issue and define specific challenges, such that further research and consultation can result in a proposed framework for problem solving. Between workshops students will be responsible for researching the issue, consulting with community members personally or electronically, and preparing components of the project report for the team. The deliverable from the course is a report which describes the issue analysis, relevant research and community consultation, and a prospectus on possible management or resolution strategies.

SOC3002 SOCIAL ENTERPRISE AND CHANGE-MAKERS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Sociology) Band 1B

In this course, you will evaluate the relevance of social enterprise to community development, and prepare for collaborative community problem solving. It enables you to engage with practical questions of how to make social enterprise work. You will engage in activities that require you to develop your own ideas of citizenship and activism, in order for you to actively uphold the principles of social justice in the future. As well as examining theoretical and sociological issues, you will carry out your own case study of a social enterprise or related project.

SPE3003 TEACHING LEARNERS WITH MODERATE TO HIGH SUPPORT NEEDS (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Special Edu) Band 1

Pre-requisite: BEDU(Primary+SpecialEdu) and BEDU(SpecialEdu) and BPED to complete EDC2400 and (EH13005 or SPE3002) prior to enrolment. Pre-requisite: BEDU(Secondary+SpecialEdu) and BSED to complete EDC2400 and ESP1200 prior to enrolment.

This course will support pre-service teachers to develop their awareness and understanding of how instruction and environment can influence and improve teaching and learning for learners with moderate to high support needs. Pre-service teachers will be able to articulate the diverse needs of learners with significant support needs and identify appropriate instructional strategies according to individual strengths and challenges. They will develop an understanding and appreciation of underlying theory, and legal obligations, as well as national and state expectations of educators in regards to ensuring the inclusion, participation, engagement, safety, and wellbeing of learners with moderate to severe disability in their classroom whether in special school or inclusive educational environments. Curricular approaches and techniques relevant to the teaching and learning of learners with moderate to high support needs, including the use of ICTs and assistive technologies will be explored. Additionally, an understanding of the different transition times in a learner's educational experience, and support strategies for these times, including the importance of planning and collaboration with relevant stakeholders, particularly parents/carers will be developed.

SPE3008 COMMUNICATION AND COLLABORATION (FBELA - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Teacher Education: Special Edu) Band 1

Pre-requisite: BEDU(Primary+SpecialEdu) and BEDU(SpecialEdu) and BPED to complete EDC2400 and (EH13005 or SPE3002) prior to enrolment. Pre-requisite: BEDU(Secondary+SpecialEdu) and BSED to complete EDC2400 and ESP1200 prior to enrolment.

Pre-service teachers will analyse the nature of communication and learn the elements of effective interpersonal communication, with consideration of the range of verbal and non-verbal communication processes and strategies. A major focus will be on the role of effective communication in education, and more specifically when teaching learners with additional needs including giving and receiving feedback, supporting learner engagement, and collaborating with others to ensure effective teaching and learning. The importance of effective and active listening will be emphasised, together with the interaction between verbal and non-verbal communication, and how these when used successfully can encourage and support effective collaborations. Pre-service teachers will also learn how to facilitate collaborative group decision-making and discussions, communicate effectively with learners, parents/carers, education colleagues and relevant professionals, and respond appropriately to conflict situations that may arise within an educational context.

SPE3009 LEARNING INTERVENTION - READING AND WRITING (FBELA - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Teacher Education: Special Edu) Band 1

Pre-requisite: BEDU (Primary + Special Education) and BEDU (Special Education) and BPED students to complete EDC2400 prior to enrolment.

This course is concerned with addressing reading and writing difficulties, and language development. An overview of this area will be presented including theoretical aspects. Individual reading and writing difficulties will be one focus including characteristics of learners with learning difficulties in terms of impacting on reading and writing development. Appropriate assessment will be discussed, as well as how to set learning goals from the assessment results. Also included is planning for class-wide implementation of evidence-based pedagogical practice using differentiation so that learners with reading and writing difficulties can meet learning goals.

SPY1100 INTRODUCTION TO THE SPEECH PATHOLOGY PROFESSION: COMPASSIONATE CARE (FHESC - UGRD)

Semester 1 (ONC)Ipswich (ONC)Ipswich

Units 1 (Speech Pathology) Band 2

Pre-requisite: Students must be enrolled in one of the following Programs: SPYH or ADAH

Introduces students to speech pathology practice in Australia and various frameworks that guide this practice. Students will review examples of communication and swallowing disorders across the lifespan from infancy to end of life. Students will begin to develop an understanding of the core professional and interpersonal capabilities that underlie speech pathology. This course contains a mandatory workshop and students must attempt all assessment items to pass this course.

SPY1200 CULTURAL AND LINGUISTIC DIVERSITY AND GLOBAL CITIZENSHIP (FHESC - UGRD)

Semester 2 (ONC)Ipswich (ONC)Ipswich

Units 1 (Speech Pathology) Band 2

Pre-requisite: SPY1100 and Students must be enrolled in one of the following Programs: SPYH or ADAH

This course extends students' abilities, skills and knowledge of inter cultural communication and culturally responsive practice, particularly focussed on First Nations people. The unit prepares students for speech pathology practice when working with diversity associated with language, culture, gender, race, ethnicity, SES and/or place of living, be that in urban, suburban, regional, rural or remote locations. Students will explore ways to learn about and value diversity and adapt profession specific assessment and intervention practices for diverse populations relevant to speech pathology practice in Australia.

STA1003 FUNDAMENTAL STATISTICS (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

Units 1 (Statistics) Band 1

Enrolment is not permitted in STA1003 if STA2300 or STA8170 or STA6200 or STA1004 has been previously completed. Students enrolled in the BACT, or undertaking the Accounting Major in the BCM, are not eligible for enrolment.

This course focuses primarily on the appropriate application, interpretation and communication of foundational descriptive and inferential statistical methods. Emphasis is placed on understanding the concepts and principles associated with dealing with data, in particular descriptive and inferential statistics. Data sets from a range of disciplines are included as well as examples of statistics presented in popular media. Core components of the course include the use of statistical software and the development of problem solving and quantitative skills relevant to many disciplines of study. Note: The mathematical underpinnings of the methods used are not covered; other statistics courses cover this aspect.

STA1004 FUNDAMENTAL STATISTICS FOR ACCOUNTANTS (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Springfld

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld

Units 1 (Statistics) Band 1

Enrolment is not permitted in STA1004 if STA1003 or STA2300 or STA8170 or STA6200 has been previously completed

The course aims to introduce business students to business data sources and their applications to real world problems faced by businesses. The value of data as well as the reasons why we use appropriate statistically based tools to analyse and apply these statistical techniques forms the foundation of the course. This course deals with the role of statistical analysis for decision-making, the analysis, application and interpretation of data as applied to differing business data sources. Exploration and testing of data as applied to business situations for both parametric and non-parametric situations, understanding the relationship between multiple data sources using regression and correlation analysis and, applications of those techniques in such areas as basic forecasting and application of time series forecasting methods to business situations. Excel spreadsheets are used to better familiarise students with the steps involved in decision making techniques and to enhance the use and interpretation of statistical data likely used in their employment. Problem based learning will form the core teaching approach as well as analysis and thinking.

STA2100 EVALUATING INFORMATION (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Statistics) Band 1

Enrolment is not permitted in STA2100 if STA3100 has been previously completed.

Students are introduced to basic concepts and tools commonly involved in collecting, managing, summarizing, analysing, interpreting, and presenting quantitative data. No prior statistical or mathematical knowledge is assumed. Methods of descriptive and inferential statistics are introduced. Issues related to causation and confounding; the nature of variability, the reliability of summary statistics, the limitations and assumptions underpinning statistical techniques; the appropriate use of language in interpreting an analysis; and the use of computer output in understanding data summary and analysis are explored. The emphasis is on the concepts, interpretations, and applications of statistics as used in the analysis of data, rather than on mathematical or computational aspects. The use of case studies is emphasised and writing of reports facilitated.

STA2301 DISTRIBUTION THEORY (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Statistics) Band 1

Pre-requisite: (STA2300 or STA1003 or equivalent) and (MAT1102 or ENM1600)

This course introduces students to the concepts and elements of probability and distribution theory. The topics include probability, random variables and their distributions, expectation, moment generating functions, standard discrete and continuous distributions, bivariate distributions, transformation techniques and sampling distributions related to the normal distribution. This course also includes practical applications of these distributions and introduces statistical computations using R.

STA2302 STATISTICAL INFERENCE (FHESC - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Statistics) Band 1

Pre-requisite: STA2301

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 will derive statistical procedures from first principles. Further more, both point and interval estimation as well as test of hypotheses under the classical framework are covered. The theoretical developments which are established in this course are supported by practical applications.

STA3200 MULTIVARIATE STATISTICAL METHODS (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Statistics) Band 1

Pre-requisite: STA2300 or STA1003 Enrolment is not permitted in STA3200 if STA8005 or STA6100 have been previously completed

This course covers some of the statistical concepts and methodologies appropriate for the analysis of large and/or high dimensional data sets. Students will learn the mathematical foundation of a number of statistical methods, the benefit and limitations of each method, how to correctly apply these methods using statistical software and how to assess the effectiveness of given analyses for given data sets. Students will also learn how to perform statistical analyses in the statistical software R. This will require students to master the writing of R code.

STA3300 EXPERIMENTAL DESIGN (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Statistics) Band 1

Pre-requisite: STA2300 or STA1003 or equivalent or approval of examiner

This course covers principles of design such as randomisation, replication, factorial arrangement and blocking. The emphasis is on general principles of design and analysis of experimental data rather than in describing the details of particular design layouts. Consideration is given to checking of assumptions and quality of data, robustness, prior and posterior analysis, contrasts, confounding, covariates, error control and reduction, and interpretation of results. Practical experience is gained in designing, carrying out, analysing and writing up the report from the results of an experimental study. Methods of analysis and different models are discussed and practised mainly using the SPSS software package.

STA3301 STATISTICAL MODELS (FHESC - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Statistics) Band 1

Pre-requisite: STA3300 or approval of examiner or Students must have completed STA8170 or STA6200 and be enrolled in one of the following Programs: GCSC or GDSI or MSCN or MADS or MSCR or DPHD.

This course introduces and extends the student's knowledge of linear models. The mathematical development of these models will be considered; however, the focus will be on practical applications. The statistical program R will be introduced and used throughout the course. The topics include developing multiple regression models, testing hypotheses for these models, selecting the 'best' model, diagnosing problems in model fit, shrinkage methods, developing generalised linear models, and a range of applications of generalised linear models including logistic, Poisson and log-linear models. Analysis of different statistical models are practised using the statistical software package through the R and RStudio.

STA6100 MULTIVARIATE ANALYSIS FOR HIGH-DIMENSIONAL DATA (FHESC - PGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Statistics) Band 1

Pre-requisite or Co-requisite: STA8170 or STA6200 or STA2300 or STA1003 Enrolment is not permitted in STA6100 if STA3200 has been previously completed

This course covers some of the statistical concepts and methodologies appropriate for the analysis of large and/or high dimensional data sets. Students will learn the mathematical foundation of a number of statistical methods, the benefit and limitations of each method, how to correctly apply these methods using statistical software and how to assess the effectiveness of given analyses for given data sets. Students will also learn how to perform statistical analyses in the statistical software R. This will require students to master the writing of R code.

STA6200 STATISTICS FOR QUANTITATIVE RESEARCHERS (FHESC - PGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Statistics) Band 1

Enrolment is not permitted in STA6200 if STA2300 or STA1003 or STA1004 has been previously completed

This course focuses primarily on the graphical and numerical methods of data analysis including descriptive and inferential statistics for post-graduate students. Emphasis is on the understanding of the concepts and principles associated with statistical methods and skills required for the analysis of real-life for quantitative studies. Core components of the course include the use of a popular statistical software package (SPSS) and the development of problem-solving skills relevant to many disciplines. However, the mathematical underpinnings of the methods are not covered in detail in this course; other statistics courses cover this aspect.

STA8180 ADVANCED STATISTICS A (FHESC - PGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Statistics) 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 program. Typically, the course will consist of specialised investigations extending knowledge and skills in one of the areas listed in the Topics section below, or another Topic where appropriate and where a supervisor is available. Students should nominate the topic they wish to study and then email the Course Examiner to enquire whether the topic and a suitable supervisor will be available in their semester of study, and for formal approval to enrol. As only one of the listed topics is chosen by each student the content of the course may vary from student to student. The weighting of the sub-topics within this unit depends on the topic chosen and will be discussed with the supervisor.

STA8190 ADVANCED STATISTICS B (FHESC - PGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Statistics) 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 program. Typically, the course will consist of specialised investigations extending knowledge and skills in one of the areas listed in the Topics section below, or another Topic where appropriate and where a supervisor is available. Students should nominate the topic they wish to study and then email the Course Examiner to enquire whether the topic and a suitable supervisor will be available in their semester of study, and for formal approval to enrol. As only one of the listed topics is chosen by each student the content of the course may vary from student to student. The weighting of the sub-topics within this unit depends on the topic chosen and will be discussed with the supervisor.

SVY1102 SURVEYING A (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba

Units 1 (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 services of the surveyor may be required at many stages for a construction project or the development of land. This course introduces the student to surveying equipment, services, theory, measurement techniques and survey calculation's at an introductory level.

SVY1104 SURVEY COMPUTATIONS A (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld
Units 1 (Surveying) Band 2

Pre-requisite: SVY1102 or SVY1500 or Students must be enrolled in one of the following Programs: GCST or GDST or MSPT

Society has always needed to be able to measure and map the Earth's surface to plan for the future. Measurement of land and geo graphic features assists in utilising the Earth's resources for a sus tainable future. The role of the Spatial Scientist is fundamental in defining spatial location of the Earth's surface and features. This course expands upon previous surveying theory into increasingly sophisticated surveying technology and methodology. This will in clude: adjustment of surveying instruments; electronic distance measurement and calibration; specific surveying techniques for traversing, traverse calculations, area calculations, coordinate calcu lations, road geometry and circular curve calculations. The Spatial Scientist must be familiar with the functions available in a hand held programmable calculator, be able to program a calculator and utilise programming to obtain solutions.

SVY1110 INTRODUCTION TO GLOBAL POSITIONING SYSTEM (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Surveying) Band 2

The use of Global Navigation Satellite Systems (GNSS) such as the Global Positioning System (GPS), for accurately determining positions on earth, has grown exponentially since the late 1980s and early 1990s. Today GNSS is firmly entrenched in the general operations of professional surveying and GIS organisations. This course presents fundamental information on structure, characteristics and use of GPS and other Global Navigation Satellite Systems (GNSS). Background information is provided and the basic principles of using the GNSS systems are introduced. The course has a bias towards the code observable and the use of GNSS 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 GNSS surveying, agriculture, machine guidance, mapping and general data collection.

SVY1500 SPATIAL SCIENCE FOR ENGINEERS (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld
Units 1 (Surveying) Band 2

Many engineering projects are based on the location of an engineer designed structure (or structures) on a part of the Earth's surface. The construction of an engineered structure requires accurate sur veying and spatial science skills to guarantee the establishment, alignment and fitting of structural or land components, and to ensure that all structures are positioned as designed. Investigation and loca tion of engineering and development projects requires knowledge and input from spatial science professionals. Spatial science is an essential fundamental component in engineering planning, design, construction and monitoring processes. This course provides an un derstanding of the skills and role of spatial scientists, an introduction to surveying principles, fundamental elements of global positioning systems and the interpretation of spatial information.

SVY1901 SURVEYING AND SPATIAL SCIENCE PRACTICE 1 (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba
Units 0 (Surveying) Band 2

The practice course seeks to develop competency in the use of a variety of survey instruments, calculations and practices. This course provides a broad introduction to surveying methodology and practices. Students will have the opportunity to select and complete four work shops that best reflect their needs for practical instruction. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students.

SVY2105 SURVEY COMPUTATIONS B (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Surveying) Band 2

Pre-requisite: ENM1600 and SVY2106 or Students must be enrolled in one of the following Programs: GCNS or GCST or GDNS or GDST or MSST or MSPT or MENS

The purpose of this course is to provide the students with an under standing of the law of propagation of errors, statistical theory, and applications to the analysis and adjustment of survey observations using the Least Squares method. Both manual methods, using hand held programmable calculators, and computer software packages are used to process the data from a variety of practical problems. Students are taught to analyse and understand the results of adjust ments. The course examines the adjustment of terrestrial and GPS observations and coordinate transformations.

SVY2106 GEODETIC SURVEYING A (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba (ONC)Springfld
Units 1 (Surveying) Band 2

Pre-requisite: SVY1110 and SVY1102 or Students must be enrolled in one of the following Programs: GCNS or GCST or GDNS or GDST or MSST or MSPT or MENS

The purpose of this course is to provide the student with an under standing of the equipment and methods used to carry out precise surveys, including sources of error and the techniques used to min imise or eliminate them. In addition the students are expected to gain the necessary skills to complete these surveys at an appropriate standard.

SVY2301 AUTOMATED SURVEYING SYSTEMS (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Surveying) Band 2

Pre-requisite: SVY1104 or Students must be enrolled in one of the following Programs: GCST or GDST or MSPT

Today's surveying graduates need to be conversant with the theory and application of electronic field equipment, in particular total sta tions, digital levels and hand held data recorders. They also need to be familiar with the computer software used to process this data for design and data presentation purposes. This course introduces the student to a variety of electronic total stations and data recorders and develops their skills in the use of this equipment in a practical manner. Issues related to automated surveying including field tech niques, legal requirements for testing and calibration, data transfer, liability for digital data, recent developments and quality assurance are examined.

SVY2302 MINE SURVEYING (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba
Units 1 (Surveying) Band 2

Pre-requisite: SVY1104 or Students must be enrolled in one of the following Programs: GCNS or GCST or GDNS or GDST or MSPT

The course covers the surveying requirements in the mining industry, both open cut and underground (coal and metalliferous), and consid ers the part a mine surveyor plays in the industry.

SVY2303 CONSTRUCTION SURVEYING (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba (ONC)Springfld
Units 1 (Surveying) Band 2

Pre-requisite: SVY1104

Specific applications of the principles and techniques for construction surveying are applied to a range of engineering projects in this course. The main emphasis will be on the practical application of construction surveying techniques required for engineering and land development projects. Just as importantly, it is essential that surveyors understand the engineering principles and design of engineering works.

SVY2902 SURVEYING AND SPATIAL SCIENCE PRACTICE 2 (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld
Units 0 (Surveying) Band 2

Pre-requisite: SVY1901 and SVY1104 and SVY1110 and GIS1401

The collection and presentation of surveying and spatial information requires the understanding of a range of surveying equipment and software suitable to the needs of surveyors. Students will have the opportunity to complete a variety of workshops that best reflect their needs for practical instruction in their program. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students.

SVY2903 SURVEYING AND SPATIAL SCIENCE PRACTICE 3 (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Springfld
Units 0 (Surveying) Band 2

Pre-requisite: SVY1901 and SVY2301 and (SVY3304 or SVY3306)

This course provides students with a core of professional skills re quired for the practical applications of Surveying and Spatial Science in the workplace. Students will have the opportunity to complete a series of workshops that reflects best practice for practical application in industry. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students.

SVY3107 GEODETIC SURVEYING B (FHESC - UGRD)

Semester 2 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba (ONC)Springfld
Units 1 (Surveying) Band 2

Pre-requisite: SVY1110 and SVY2105 or Students must be enrolled in one of the following Programs: GCNS or GCST or GDNS or GDST or MSST or MSPT

The key subject areas covered in this course are: horizontal and vertical datums; map projections and coordinate systems; and GNSS surveys. These are presented largely in the Australian context though the fundamental principles are entirely transferable across the globe. This course assumes some prior knowledge of the fundamental principles involved in determining the size and shape of the earth, and basics of the Universal Transverse Mercator (UTM) map projec tion. In Geodetic Surveying B we expand on this prior knowledge and develop advanced-level application skills in solving complex geodetic problems, particularly with respect to calculations on the ellipsoid, calculations on the UTM map projection, and coordinate transforma tions.

SVY3202 PHOTOGRAMMETRY AND REMOTE SENSING (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONL)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Geomatic Engineering not elsew) Band 2

This course will enable students to extract, interpret and evaluate data from aerial photographs (including images captured by UAVs), terrestrial photographs and laser scanned images. This data will be presented and related to the environment or integrated with other data forms for direct application or information system storage. This course will also develop the student's understanding of the physical basis and properties of remotely sensed data. During the investigation of applications of this satellite sensed data, students will develop basic skills and knowledge in extracting, manipulating, interpreting, analysing and presenting this data.

SVY3302 PROPERTY VALUATION AND DEVELOPMENT (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Surveying) Band 2

Real property is both a necessity for living and a potential source of economic growth and profit. This course provides an overview of property as an economic asset and an investment vehicle. It highlights the risks and opportunities that come with developing residential property for the market and introduces students to the development process from conception to construction to disposal. The course will describe the basic principles of land valuation for land markets and statutory purposes that is an essential tool for rational decision making in property development.

SVY3304 CADASTRAL SURVEYING (QUEENSLAND) (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Springfld (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Surveying) Band 2

Pre-requisite: (SVY1102 and SVY1104) or Students must be enrolled in one of the following Programs: GCNS or GCST or GDNS or GDST or MSST or MSPT or MENS

In this course students will be introduced to the Queensland statutory and common law relating to cadastral surveying, cadastral surveys and land registration as per State legislation. Students will be able to outline the historical and current survey requirements for Queensland and select appropriate field measuring techniques, field checking procedures, marking requirements and drafting standards for cadastral surveys. A significant component of the course will de velop skills to solve and perform cadastral boundary reinstatement calculations for both rural and urban surveys and to categorise, apply and justify reinstatement principles for cadastral surveys.

SVY3306 CADASTRAL SURVEYING (NEW SOUTH WALES) (FHESC - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Surveying) Band 2

Pre-requisite: (SVY1102 and SVY1104) or Students must be enrolled in one of the following Programs: GCNS or GCST or GDNS or GDST or MSST or MENS

In this course students will be introduced to the New South Wales statutory and common law relating to cadastral surveying, cadastral surveys and land registration as per State legislation. Students will be able to outline the historical and current survey requirements for Queensland and select appropriate field measuring techniques, field checking procedures, marking requirements and drafting standards for cadastral surveys. A significant component of the course will be develop skills to solve and perform cadastral boundary reinstatement calculations for both rural and urban surveys and to categorise, apply and justify reinstatement principles for cadastral surveys.

SVY3400 ADVANCED SURVEYING (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Surveying) Band 2

Pre-requisite: (SVY2106 and SVY2105) or Students must be enrolled in one of the following Programs: GCNS or GCST or GDNS or GDST or MSPT or MENS

This course covers a range of surveying tasks that require the surveyors to take a rigorous approach to measurement and error assessment. The course will cover specialist measuring technologies that are not necessarily available in all survey practices. Topics focus on industrial measurement, control and engineering surveys.

SVY3904 SURVEYING AND SPATIAL SCIENCE PRACTICE 4 (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba

Units 0 (Surveying) Band 2

Pre-requisite: SVY2902 or SVY2903 and SVY3304 or SVY3306 and SVY3202

The course is intended to provide students with a core of basic industrial skills required for the practical applications of Surveying and Spatial Science in the workplace. Students will complete four work shops in cadastral surveying, cadastral law and reinstatement, photogrammetry and GIS; post-processed GNSS and GNSS network exercises. This course contains a mandatory residential school for external students and mandatory on-campus laboratories or practical classes for on-campus students.

SVY4304 LAND AND CADASTRAL LAW (FHESC - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Surveying) Band 2

This course provides a general introduction to government and public administration responsibilities for land administration in Australia. Students are introduced to the principles and practices of land and cadastral law to enable the surveyors to appreciate its relationship to land related activities and as the legal basis of the cadastre. The course extends the student's knowledge of the statute and common law that relates to land interests and cadastral boundaries.

SVY4309 PRACTICE MANAGEMENT FOR SPATIAL SCIENTISTS (FHESC - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONC)Toowoomba (ONC)Springfld

Units 1 (Surveying) Band 2

It is important for surveying, spatial science and planning graduates to realise that they are part of professions that have responsibilities to their clients, the community, and their peers. This course is designed to provide the necessary fundamental knowledge for students to understand their professional responsibilities as a member of a multi-disciplinary team or as a consultant. These concepts include financial management, project management, firm management, and systems management, as well as professional bodies and ethics. This course draws together many areas of surveying, spatial science and planning in order to simulate the operations of large projects within a business environment. 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 and in a business. This course will also provide graduates with the knowledge necessary to recognise 'hidden' costs on projects, and to plan for a profitable and well-balanced business. It will also provide the ability to recognise possible difficulties that might arise, to analyse the relevant issues, and to take appropriate action where necessary.

SWK1000 LANDSCAPE OF SOCIAL WORK AND HUMAN SERVICES (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (EXT)Toowoomba

Units 1 (Social Work) Band 10

This course includes a compulsory five-day residential school that introduces students to the foundations of social work and human services practice. The aim of this intensive workshop is to develop foundational practical skills to help develop professional identity and inspire students to continue their studies. In addition to an introduction to foundational professional knowledge, theory and skills, students will undertake seminars on: academic literacy, an introduction to use of library databases and search strategies, critical thinking and critical writing, and how to reference. They will be given opportunities to meet the academics who will teach them in the coming years. An examination of the historical development of the professional identity of social work and human services professionals will be explored. Contemporary social work and human services practice fields, including methods for intervention across micro, meso and macro environments will be illustrated. Critical perspectives will be used to shed light on contemporary social issues presenting in Australia and globally; and subsequent ways of 'doing' in social work and human services practice. Students will have developed contextual knowledge about the roles and ethical obligations of social work and human services practitioners, and the purpose and mission of the profession in striving to attain social justice, social cohesion, empowerment and liberation of people (IFSW, 2014). Students will complete the course having developed a clear understanding of the purpose and domains of social work and human services practice, an introduction to ethical and professional standards, social work and human services knowledge and interpersonal and communication skills. The five-day compulsory residential school will take place in the middle of the course. There will be practical opportunities to acquire and gently practice knowledge and skills but also strategic opportunities to net work and connect with other students and teaching staff. This course contains a mandatory residential school for all students. The residential school is foundational to the first-year experience.

SWK1100 DECOLONISING SOCIAL WORK: MULTICULTURAL AUSTRALIA (FHESC - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Social Work) Band 10

It is relatively easy to acknowledge that Australia has witnessed a succession of new patterns and waves of migration for more than 100 years; moving from primarily an Anglo-Celtic base to a universal multicultural nation. Migrants from Eastern, Western, and Northern Europe came in the early 20th century, and they were followed by Southern Europeans in the 1950s, followed by migrants from Eastern Europe and the Middle East. Changes to immigration policies paved the way for non-European migration, especially from Asia and Southern Africa due to civil wars and humanitarian crises. What this European-centric history misses, is that Aboriginal and Torres Strait Islander peoples have inhabited Australia for more than 60,000 years. Indigenous Australians are the world's oldest living culture and yet social work has often failed to address the fatal impacts of colonisation in the Australian context. This course explores the need for social workers to critically acknowledge the imperative of decolonisation through challenging cultural oppression, racism, and consequent discrimination. Social workers must explore, analyse, and respect cultural differences in worldviews, as well as contributing to culturally safe practice. In addition to introduction to multicultural theories and practice approaches, this course allows students to critically reflect on 'white' social work and the need for decolonisation. The course also specifically addresses a number of fields of practice where people with diverse cultural identities experience significant challenges including child safety issues; domestic and family violence; homelessness and statelessness; rurality; ethnicity and ageing; transcultural mental health; and disability. Adopting a critical human-rights approach, the course enables students to embrace and engage in anti-oppressive and emancipatory social work practice with individuals, communities and systemic changes to ensure people with diverse cultural backgrounds are welcomed and valued.

SWK1400 WORKING IN PARTNERSHIP WITH CHILDREN, YOUTH AND FAMILIES (FHESC - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Social Work) Band 10

This course provides students with knowledge and skills to practice competently with children, young people, and families as social workers and human service professionals. It introduces students to the breadth of government and non-government family support services in Australia and describes practice approaches for working with the family unit as aligned with legal frameworks, along with navigating the complexities faced by social work and human services professionals working in this context. An emphasis on using an intergenerational lens to unearth the transmission of disadvantage in family work, and trauma-informed principles is used to educate students about engaging with children, young people, and families in the sector. Students will learn about family connected recovery and the model of collaborative family work, which draws on a range of theoretical perspectives, including strengths-based practice, child and family-centred practice, and child protection issues relevant to social work and human services practice in the context. This course will provide students with an essential area of competency, as outlined by the Australian Association of Social Workers (AASW), in working with children, young people and families; including unearthing the use of family connected recovery as a way to achieve social justice and other mandates of the social work profession. This course will also require students to practice critical reflexivity, identifying how values and beliefs determine the identification of family issues and ethically informed social work intervention.

SWK2100 CHALLENGING ABLEISM: DIVERSITY, DIFFERENCE AND DISABILITY (FHESC - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Social Work) Band 10

Pre-requisite: SWK1100

Disability is contested and controversial, with no universal definition. Neoliberal society demands able-bodied contributions from its citizens and places responsibility for living with disability at an individual level. Hence, disability is medicalised, pathologised and typically understood using a deficit model. However, professionals working with people with disabilities have a moral, ethical, and legal responsibility to challenge stigma, discrimination, inequality, and disadvantage. This inter-professional course explores disability and impairment through a critical lens, privileging the voices and experiences of people who live with disability. While the Australian landscape, inclusive of the NDIS and the recent Royal Commission of Inquiry is introduced, experiences of disability in both the Global North and the Global South are addressed. Different models and frameworks are critically examined to enable students to see how imperative it is to advocate for a human-rights approach. Identity politics are examined, leading to exploration of the negative consequences of ableism and othering. The roles and contributions of the many different professionals working alongside people with disabilities, and their families, are also considered. Students are introduced to the work of Gilles Deleuze who argued that difference comes before identity and is internal to all things. Inspired by Deleuzian thinking, this course argues that professionals need a shift in perspective. Students will be positioned to embrace the need to stop categorising, sorting, and labelling with regard to impairments or other identity markers. Upon course completion, students will actively resist problematising constructions of disability. They will respect that all human beings are born different; difference is foundational of life itself. Disability needs to be understood as a context-specific articulation of omnipresent difference.

THT1000 FOUNDATION SKILLS OF THE WORKING ACTOR (FBELA - UGRD)

Semester 1 (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Performing Arts not elsewhere) Band 1A

This course introduces students to the fundamental knowledge and processes of three distinct and inter-related aspects of professional theatre practice at a formative level. In the voice classes, students acquire the knowledge and applied processes of safe vocal production, maintenance and growth. The movement classes guide students through a kinaesthetic awareness of physical alignment, spatial orientation and qualities of energy/rhythm/focus. In improvisation classes, students negotiate the fundamental principles of creative collaboration through physical, narrative and scene structures. Combined, these separate foci prepare students for ongoing iterations and levels of collaborative and creative practice in a range of career path practice and applications. Students will complete a series of authentic assessment tasks based on industry practice in performance training linked to real-world industry training experiences. Applied in a supervised work environment. Practice is the laboratory through which reflective analysis is applied and ongoing learning derived.

THT1001 MAKING THEATRE HISTORY 1: CLASSIC PLAYS IN CONTEXT (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Drama and Theatre Studies) Band 1A

Enrolment is not permitted in THT1001 if THE1001 has been previously completed.

This course offers the student an historical and theoretical journey through theatrical and dramatic literature. Through a contextual study of some of the most read and performed plays from the classical tradition, covering ancient Greek, Shakespearean, and neo-classical drama, this course provides students with foundational techniques in textual analysis, academic debate, research, essay writing and scholarship in drama. It will include a focus on the ways in which these stories continue to be staged, adapted, and re-written in early twenty-first century contexts.

THT1002 MAKING THEATRE HISTORY 2 (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Drama and Theatre Studies) Band 1A

Enrolment is not permitted in THT1002 if THE1002 has been previously completed.

This course provides students with an introductory overview of some of the major plays, theories and historical features of the twentieth century. Texts will be drawn mostly from European, American and Australian performance traditions, as well as discussions around colonial processes (including, Indigenous, female and queer absence) to capture a wide variety of playwright styles and comparisons between works. Continuing on from THE1001, this course further develops students' written skills and knowledge about the construction of dramatic literature and its historical context. Using essays, quizzes, and debates, students will read a wide variety of materials to promote a wide consideration of how the theatre is dynamic.

THT1003 THEATRE IN COMMUNITIES (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Drama and Theatre Studies) Band 1A

Enrolment is not permitted in THT1003 if THE1003 has been previously completed.

This course focuses on a range of historical and recently developed theories and methodologies with a community theatre and critical pedagogic relevance; this includes a range of Indigenous and diverse cultural perspectives. These theories and methodologies are foundational to student development in the study of theatre and as emerging theatre makers. Students will investigate the structures and working applications of a range of political and cultural activities including a comprehensive introduction to Augusto Boal and the Theatre of the Oppressed. It will include a collaborative community theatre project with a UniSQ-based or local group.

THT1004 ACTING AND INTERPRETATION (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (Performing Arts not elsewhere) Band 1A

Enrolment is not permitted in THT1004 if THE1021 has been previously completed.

This course introduces students to the interpretive techniques and principles of the Stanislavski System. The Stanislavski System is the basic methodology for professional performance interpretive work in live and digital mediums across the Western hemisphere. Students learn principle approaches to the dramaturgical analysis of text preparatory to applying a range of rehearsal techniques for scene and character development. Under guided supervision, students also apply the theories and techniques of a variety of pedagogues and practitioners to augment Stanislavski-driven scene/character development and more appropriately reflect a range of professional work methodologies. Through negotiating iterative explorative rehearsal techniques students learn concomitant reflective practice skills as the basis for professional creative process. Students will complete a series of authentic assessment tasks based on industry practice in performance training linked to real-world industry training experiences. Throughout the semester students work independently and collaboratively on several published texts and present the outcomes of their process in in-house performance. The learning achieved in this course establishes a foundation of knowledge and practice upon which a range of professional creative career paths can be constructed.

THT1005 ACTING FOR THE DIGITAL MEDIUM (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (EXT)Toowoomba
Units 1 (Performing Arts not elsewhere) Band 1A

Pre-requisite: THT1004

This course introduces students to vocal skills and techniques for text and spoken work. Students are introduced to a variety of articulatory techniques for enhanced clarity of spoken work. They subsequently negotiate processes for exploring subtextual meaning and kinaesthetic qualities of spoken work prior to application in general voice-over tasks in authentic recording environments. The acting classes for this course introduce students to the interpretive principles, approaches and skills for preparing screenplay scenes for performance to camera. In small student-crewed video shoots, participants negotiate the principle skills of acting for camera. The video recording process continues iteratively throughout the semester and is based on students occupying a rostered workflow of rehearsal, recording 'shoots', post-production editing and reflective analysis to gain an all-round knowledge of the processual stages involved in producing performance work for digital delivery. Students will complete a series of authentic assessment tasks based on industry practice in digital performance training linked to real-world industry training experiences.

THT2001 THE CREATIVE ACTOR (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Performing Arts not elsewhere) Band 1A

Pre-requisite: THT1004

A weekly lecture and tutorial process enables students to acquire and apply knowledge of story and comedy structure to the development of new and adapted material. An ensuing weekly-supervised workshop involves students in the acquisition and iterative application of professional dramaturgical skills and knowledge in testing, evaluating and developing original material towards performance. Working in supervised and independent contexts, students negotiate assigned and/or voluntary production and performance roles to actualize performance outcomes in appropriate digital and/or live modes. Students will complete a series of authentic assessment tasks based on industry practice in performance training linked to real-world industry training experiences. The portfolio assessment contributes specifically to student emerging professional practice.

THT2002 PERFORMANCE PROJECT: STAGE AND SCREEN (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Performing Arts not elsewhere) Band 1A

Pre-requisite: THT2001

In this course, students confer with staff for assignment to one or more performance projects in either the live or digital mediums. Utilizing work processes and conditions that reflect current professional practice, students will fulfil production, creative and performance roles affixed to projects with live public, community engagement or digital presentation outcomes. Students will complete a series of authentic assessment tasks based on industry practice in performance training linked to real-world industry training experiences. Projects may be short in production duration, in which case students may negotiate to engage with more than one production for the semester. Alternatively, projects might have a longer production duration, in which case students may negotiate to engage with only one project for the semester. Projects may involve original, adapted or published/existing material. The Head of School will approve proposed projects for production, subject to the allocation of sufficient resources, personnel and faculty facilities to realize project goals. Additional staff may be assigned to one or all of the projects in production to fulfil specific roles or duties. Theatre staff will consult with students a minimum of 4 hours per week to facilitate skills development and reflective practice.

THT2003 EDUCATIONAL DRAMA (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Drama and Theatre Studies) Band 1A

Enrolment is not permitted in THT2003 if THE2003 has been previously completed.

This course caters for students who wish to apply dramatic educational methods in the classroom or any other context that requires active enquiry via a workshop format. Indigenous perspectives and diverse cultural groups will be interrogated in this practice. Students will learn about dramatic expressive methods that are 'low risk' as a way to encourage participants to experiment with context, content, and structure. Critical pedagogy, reflection-in-and-as-action, ambivalence, play and belonging will all be explored in order to provide the student with a set of ready-made activities that can be deployed in any educational context. Students will complete a series of authentic assessment tasks based on industry practice in theatre-making linked to real-world industry training experiences.

THT2004 THEATRE AND ADAPTATION (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Drama and Theatre Studies) Band 1A

Pre-requisite: THT1001 or THT1002

Theatre and Adaptation involves an advanced level of critical analysis, workshoping, and evaluation of how these complex texts have been -- and can be -- extensively transformed in editorial, performative, pedagogical, and mediated ways. This course will feature a special consideration of approaches to adapting the works of William Shakespeare and his contemporaries, arguably the most extensively adapted creative works in history.

THT3001 INDEPENDENT THEATRE PROJECT (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Performing Arts not elsewhere) Band 1A

Pre-requisite: THT2002

In this course, students will present a project proposal and negotiate with School/Faculty personnel to gain project approval and form project teams with clearly defined goals of advanced intermediate level outcomes in live and/or digital form. Students will complete a series of authentic assessment tasks based on industry practice in performance training linked to real-world industry training experiences. Based on an industry project funding model, students will form project 'companies' or work within an existing project in their local context, formulate and submit a comprehensive project proposal based on professional funding application guidelines (including industry standard profit-share and deferred payment agreements for all participants); plan and negotiate a production/performance/post-production process and schedule and complete a project acquittal process and report. Depending on individual career paths and time management, students may choose to fulfil roles on multiple projects produced by the cohort for this semester. Projects may include the allocation of staff time or guest professional input. Formal learning and teaching will involve course-teaching staff observing project practice and negotiating regular consultations with individual students or student job-role cohorts.

THT3002 PROFESSIONAL ACTING PORTFOLIO (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Performing Arts not elsewhere) Band 1A

Pre-requisite: THT2002

Students will complete a series of authentic assessment tasks based on industry practice in performance training linked to real-world industry training experiences. This course mentors students through a process of establishing regimes of sustainable reflective practice purposed to effect maintenance of skills and knowledge applicable to a broad range of professional practice. Inherent in this focus is the capability to self-initiate research, learning and the application of processes for the continued improvement and development of professional capabilities. As a part of organising professional portfolio material, students negotiate a range of approaches and techniques for producing effective self-casting tapes and audition monologues. Students will engage in advanced diagnosis and development of interpretive, rehearsal and performance skills in a residential intensive acting workshop prior to producing a series of show-reel vignettes and recording their individual voice-over reels. At the culmination of this course, students will investigate appropriate online platforms for professional representation and the design, cost and maintenance of those facilities.

THT3003 DRAMATURGY AND DRAMATIC RESPONSIBILITY (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Drama and Theatre Studies) Band 1A

Pre-requisite: THT1001 and THT1002

Using historical and modern theories on performance theory, this course brings students back to the text and its potential for being at the centre of the production process. However, placing the text at the centre of theatrical practice can reduce the innovation of the text and deny critical agency of the static text and live performance. His torical dramatic analysis (including political and social contexts), performance theory and the process of critical dramaturgy will be linked to the practice of theatre-making in order to students to explore advanced ethical responsibilities around the use and embodiment of a text on stage. Indigenous, queer, and female absences will be explored in practice. The debates around the effects of liveness and mediation in theatre practice will also illuminate how dramaturgical practice and dramatic analysis interconnect.

THT3004 THE BODY AS STORY (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Drama and Theatre Studies) Band 1A

Pre-requisite: THT1001 and THT1002

The body is central to the lived experience of all human beings, both actual and fictional. The interrogation of race and gender representation are essential to knowing how the body is interpreted and perceived in Western cultural dramatic artefacts reveals how it may be constructed, exploited, exonerated or erased. Theatre-makers will be introduced to theoretical contexts that explore the ethical and critical considerations around how a body might be consumed by a paying public audience. The plays and films considered in the course are designed to challenge the readers' assumptions about the body throughout the 20th and 21st centuries.

THT3005 THEATRE MAKING PROJECT (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Drama and Theatre Studies) Band 1A

Pre-requisite: THT3003

Students will apply many of the practice-related training they have acquired over the three-year program, commencing from their position as an emerging theatre artist. Students will complete a series of authentic assessment tasks based on industry practice in performance and theatre-making training linked to real-world industry training experiences. Students will work collaboratively with a community organisation/group to creatively develop a relevant, useful and pertinent theatre products that mentor community participants (performance, workshops, pod-cast, radio program, film, teaching plans, or a combination of products). This course is designed to further advance students' skills and knowledge in project management, reflection for action, responsible work practices, and archival footage of their theatre making with communities in their local area in a semi-professional capacity.

THT3006 PROFESSIONAL ACTING PROJECT (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Performing Arts not elsewhere) Band 1A

This course involves students negotiating/auditioning to engage with university and/or outside entity mounted and supported projects culminating in public/professional outcomes appropriate for their goals and mediums. Students may engage in live, digital, community engagement or corporate projects that provide them opportunity to apply their career path skills and knowledge to a professional level of practice. Students will complete a series of authentic assessment tasks based on industry practice in performance training linked to real-world industry training experiences. The projects may be produced and mounted on campus or be processed through off campus placements/secondments or online practice. Projects might have staff or guest professionals assigned to fulfil project roles or theatre staff may provide consultation and oversight of project processes planned and driven by student participants. School of Creative Arts will negotiate the details of planned projects on a yearly basis.

TPP0111 COMMUNICATING AT UNIVERSITY A (USQCO - NONA)

Units 1 (Written Communication) Band 1B

Enrolment is not permitted in TPP0111 if TPP7111 has been previously completed

TPP0111 Communicating at University A focuses on developing students' understanding of what communication in a university context involves, and on developing a range of associated skills such as academic writing and reading and interpreting academic literature. The course introduces, teaches, models and provides opportunities for practice and assessment in academic communication at an introductory level, in preparation for successful entry to the more advanced level of TPP0123 Communicating at University B.

TPP0122 STUDY MANAGEMENT (USQCO - NONA)

Units 1 (Learning Skills Programmes) Band 7

Enrolment is not permitted in TPP0122 if TPP7122 has been previously completed

This course introduces students to the culture and practices of a contemporary university community. Students develop a broad understanding of academic culture, values and expectations and develop a range of skills, strategies, and knowledge needed to become confident and adaptable learners. The course emphasises the importance of adopting 'active' rather than 'passive' approaches to learning and developing a 'growth' mindset. 'Spaces for reflection' are embedded throughout the course to provide students with the opportunity to connect past and current learning and experiences and reflect on challenges likely to be encountered when transitioning to university study. Student learning is assessed through a portfolio of tasks and two quizzes requiring active engagement with course materials and learning experiences.

TPP0123 COMMUNICATING AT UNIVERSITY B (USQCO - NONA)

Units 1 (Written Communication) Band 1B

Pre-requisite: TPP0111 (for students who do not gain direct access to TPP0123 as a result of completing the TPP Academic Literacy Placement Test) Enrolment is not permitted in TPP0123 if TPP7123 has been previously completed

TPP0123 Communicating at University B introduces, teaches, models and provides opportunities for practice and assessment in academic communication at a more advanced level than TPP0111 Communicating at University A. Students will learn about and develop confidence in finding, understanding and using information effectively; communicating ideas competently in formal and informal academic writing; and the standards of logic, evidence and ethical use of information required for first year university study. Through the process of researching for, planning and writing an academic essay, students will develop and practise skills in effective reading, finding information, organising ideas to express a clear argument, writing effective academic paragraphs and referencing. Students will engage in regular practice of their academic communication through participating in peer-based academic discussions of contemporary issues in online forums.

TPP0145 INTRODUCTION TO THE HUMANITIES (USQCO - NONA)

Units 1 (History) Band 1B

Enrolment is not permitted in TPP0145 if TPP7145 has been previously completed

The course introduces students to key concepts and approaches to studying some major fields of humanities scholarship, including Indigenous Studies, Literature and History. Students develop a multi and trans-disciplinary understanding of the humanities through a process of rigorous scholarly inquiry. The course focuses on building students' skills, knowledge and confidence in engaging critically with academic texts and traditions; planning, developing and communicating written academic arguments; and communicating effectively in a range of academic contexts.

TPP0155 GENERAL SCIENCE (USQCO - NONA)

Units 1 (Natural and Physical Sciences) Band 2

Enrolment is not permitted in TPP0155 if TPP7155 and DIP1755 have been previously completed

Increasingly in today's world, we are exposed to situations that require both a knowledge of science and an appreciation of scientific processes. Using concepts of self-paced instruction and adult learning the course guides students through a carefully sequenced series of topics that develop the science and mathematical literacy necessary for study in those undergraduate degrees. The content of this course introduces students to the scientific method, measurements, cellular biology, chemistry, climate change, and sustainable energy. The course is structured to increase students' scientific literacy, particularly the ability to interpret, analyse and evaluate scientific data and to effectively communicate their findings. This will enable students to engage with scientific thought processes and content that is relevant both today and in the future.

TPP0160 PREPARATORY PHYSICS (USQCO - NONA)

Units 1 (Physics) Band 2

Pre-requisite or Co-requisite: TPP0182 Enrolment is not permitted in TPP0160 if TPP7160 has been previously completed

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 incorporate theoretical and experimental components of physics with simple experiments at home and multimedia materials enhancing the course. The course attempts to increase student problem solving in the subject area.

TPP0175 INTRODUCTION TO PSYCHOLOGY AND COUNSELLING (USQCO - NONA)

Units 1 (Counselling) Band 10

Enrolment is not permitted in TPP0175 if TPP7175 has been previously completed

This course provides students with an introduction to the careers and pathways that exist in the fields of psychology and counselling. Module based study will guide students through an introduction to counselling and psychology careers, the differences that exist between the two, some of the theories that are used within the fields and how they are applied in context. The course will draw on examples and case studies that outline the application of theory. It will conclude with the student applying self-reflection to their own circumstances with the application of an appropriate theory of psychology and counselling.

TPP0180 INTRODUCTORY MATHEMATICS (USQCO - NONA)

Units 1 (Mathematics) Band 1

Enrolment is not permitted in TPP0180 if TPP7180 has been previously completed

Using concepts of self-paced instruction and adult learning the course guides students through a carefully sequenced series of topics that develop the mathematical literacy necessary for study in those undergraduate degrees that do not specifically require mathematics. Each module in the course uses applications of mathematical literacy to develop foundational mathematical content. The self-paced structure allows students to work at their own pace within a specified framework, thus developing their confidence with mathematics, mathematical communication, and general problem-solving skills.

TPP0181 ELEMENTARY MATHEMATICS (USQCO - NONA)

Units 1 (Mathematical Sciences not else) Band 1

Pre-requisite: TPP0180 Enrolment is not permitted in TPP0181 if TPP7181 has been previously completed

After reviewing fundamental arithmetic principles in TPP0180, the course introduces proportional reasoning and develops through several topics before introducing generalised mathematical thinking and basic algebra. The self-paced instruction allows students to develop confidence with mathematics, mathematical communication and general problem solving and provides students with the foundation skills to enable them to engage with the mathematical concepts encountered in the tertiary studies detailed above.

TPP0182 GENERAL MATHEMATICS (USQCO - NONA)

Units 1 (Mathematical Sciences not else) Band 1

Pre-requisite: TPP0181 Enrolment is not permitted in TPP0182 if TPP7182 has been previously completed

After a brief revision of the key topics covered in TPP0181, including basic algebra and functions, the course develops more advanced concepts in these themes, and then introduces exponential and logarithmic functions, matrices and trigonometry. The self-paced instruction allows students to develop confidence with mathematics, mathematical communication and general problem solving and provides students with the foundation skills to enable them to engage with the mathematical concepts encountered in the tertiary studies detailed above.

TPP0183 MATHEMATICAL METHODS (USQCO - NONA)

Semester 1 (ONL)Toowoomba

Semester 2 (ONL)Toowoomba

Units 1 (Mathematical Sciences not else) Band 1

Pre-requisite: TPP0182 Enrolment is not permitted in TPP0183 if TPP7183 has been previously completed

Using the concepts of self-paced instruction and mastery learning, the course guides students through a carefully sequenced series of topics which will provide the foundation for understanding the mathematics that will be encountered in their tertiary study. The self-paced structure of the course allows students to work through the material at a pace suitable to their needs, permitting them to work quickly through familiar material, as well as allowing the opportunity to seek additional assistance in areas of uncertainty. The mastery approach will ensure that they successfully achieve the objectives of each topic before progressing to the next topic, which will build further on the earlier material.

TVR1001 INTRODUCTION TO TELEVISION STUDIO PRACTICE (FBELA - UGRD)

Semester 2 (ONC)Springfield (ONC)Springfield (EXT)Toowoomba

Units 1 (Creative Arts not elsewhere cl) Band 1A

Enrolment is not permitted in TVR1001 if FTR2003 has been previously completed.

Introduction of Television Studio Practice is a (foundational course) that will see the student become a highly skilled and employable content maker, ready for the broadcast and online television industry. In this course students will become familiar with terminology, the behind the scenes of television and how a program is developed and produced. Students learn how to function in crew roles (16 -18 per class), and student team members will learn how to handle and creatively operate studio cameras, lighting, and as well, vision and audio mixing gear, and do so in a fully equipped television studio environment. Each student team member plays a defined role and is totally dependent on another for the creative outcome - a completed production. Students will be supplied with study materials and tutorials in order to allow them to undertake the assignments. The skills learned here will be developed further in TVR 2001 Advanced TV Studio Production. This foundation course will be the first of a number of building blocks to see you build the career you desire. The integration with media partners will be evident through guest speakers, visits to production facilities and within our industry standard facilities. Residential School will be provided for external enrollees. Students will be afforded opportunities to hear from industry people and to be functioning inside one of our television studios. This will allow students requiring flexible learning to undertake this course.

TVR1002 INTRODUCTION TO RADIO PRODUCTION (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Springfield (ONC)Springfield

Units 1 (Creative Arts not elsewhere cl) Band 1A

Enrolment is not permitted in TVR1002 if FTR2002 has been previously completed.

Going to air live is a significant responsibility and in the course, students will understand the basic broadcast laws, and how to be a responsible, engaging on-air presenter. This involves the pre-production for a radio or podcast show, the delivery of the show and the post production for delivery of interviews to a wider audience. Phoenix Radio is the university radio station that provides on air experience, online, and on air. Students of this course will learn how to interview, be aware of the audience and engage the audience in a commercial or public radio environment. The use of the voice is important and attention to voice will be given in this course. Students will also learn the valuable skill of producing for self or for a colleague. As part of the process, students will learn the industry software, how to effectively panel a radio show and write and use scripting. Develop a meaningful and engaging radio show. Students will also learn and apply the language and terminology of the broadcast radio industry, become familiar with the ratings system and how to apply that to everyday practice. Our industry relationships are strong and placements as well as guest presenters on campus provide additional input and support. The residential schools will provide students with full access to the radio studio and to industry people.

TVR1003 SOUND DESIGN FOR PRODUCTION (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Springfield (ONC)Springfield

Units 1 (Creative Arts not elsewhere cl) Band 1A

Students undertaking this course will gain an appreciation and rationale for the variety of microphones used in broadcast production. The student will learn the foundations of pro-tools through practical application of knowledge. There will be a recognition of the principles of sound design as an art form, and how that is applied in practice. Students will learn audio for application in video and audio work, where it is used for automatic dialogue replacement, voice over work and enhancing a video or audio production. Industry leaders in audio production will be included into the overall learning journey and will continue to give industry context to this important aspect of the media industry. Our facilities on campus will support learning for on campus students and access to some of the software will be arranged for online students.

TVR2001 ADVANCED TELEVISION STUDIO PRODUCTION (FBELA - UGRD)

Semester 1 (EXT)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Creative Arts not elsewhere cl) Band 1A
Enrolment is not permitted in TVR2001 if FTR2009 has been previously completed.

TVR2001, Advanced Television Studio Practice builds in the skills developed in TVR 1001. The student will continue to develop the core television studio skills. In addition, the student will develop skills in location camera production, Live field production, and social media using a variety of distribution channels. Industry leaders will continue their input into this course supporting social media, diversity of content and alternate ways to think of television and video product. Students undertaking TVR 2001 will engage with productions in a major role as either producer or director. Secondary roles include audio, floor managing, technical and vision switching. The minor roles will be undertaken on a rotation basis. Conceiving of and executing the delivery of a real product, employing high end production values will introduce students to the effectiveness of the vision switcher and associated tools in the studio. The productions are distributed to actual major broadcast organisation channels. This course assists students to grow and develop leadership skills, effective communication, self-confidence and professional attitude along with core skills in broadcast television.

TVR2002 ADVANCED RADIO PRODUCTION (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (EXT)Toowoomba
Units 1 (Creative Arts not elsewhere cl) Band 1A
Pre-requisite: TVR1002 Enrolment is not permitted in TVR2002 if FTR2008 has been previously completed

Students will explore the use of a location for an interview. In this situation the use of existing sounds, placing the listener into the story is important. This will build on interview skills taught in FTR 1002. The on air experience will continue in this course expecting students to present a focussed, effective and engaging weekly radio show. The use of sound effects, music and other production values will be appropriately applied. Similarly the producer will actively be engaged in the show design, collaborative work and evidence of time management, show management and flexibility. Students will have opportunities to go on placement and to gain insights from a range of guest speakers. Continuation of radio programs on UniSQ's Phoenix Radio as well as other opportunities to be part of program for commercial and other community radio stations will foster skill development and confidence. Students will become aware of the value of social media, a focus of this course for radio. The student will learn to write and produce radio commercials and promotions. They will also commence outside broadcast work as part of their overall on-air experience.

TVR2003 INTRODUCTION TO AVID VIDEO AND AUDIO EDITING (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld
Units 1 (Creative Arts not elsewhere cl) Band 1A

Students will be introduced to the theory and practical use of Avid Media Composer and Avid Pro-tools, as industry standard software tools. The video editing will be supported by considering the use of audio in this environment. The student will learn key terminologies, concepts and be able to apply this is practical exercises. The student will be introduced to the design of the media infrastructure employed in the media centre to build knowledge and foster skills in moving video files around the internal network. The teaching sessions will be supported by guest lecturers and work placements/ site visits where possible.

TVR2004 TELEVISION OUTSIDE BROADCAST (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld
Units 1 (Creative Arts not elsewhere cl) Band 1A

Students will be involved in planning and delivering a range of outside broadcasts as part of the process to develop skills and knowledge from the use of the vision switcher, production elements, audio desk, tieline and tricarster industry level equipment. The student will be aware of the interconnectivity and workflow of the outside broadcast. The student will experience the outside broadcast environment and the various applications within the broader industry. Internships, work placements and guest speakers will be part of this course. Our formal partnership with NEP Outside Broadcast production company ensures that students will be involved in a number of work placements. This provides an authentic aspect of the learning journey.

TVR2005 RADIO OUTSIDE BROADCAST AND PODCASTING (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld
Units 1 (Creative Arts not elsewhere cl) Band 1A

Students will be engaged in the planning and delivery of a radio outside broadcast. These will vary in the rationale for undertaking an outside broadcast. You will learn the production and technical aspects of a radio outside broadcast from the location perspective as well as in studio. Students should develop team skills, apply correct terminology, structure and legal obligations. It will give a different face to radio by developing descriptive language, engaging with the public and celebrities. The podcasting space will allow the student to understand effective use of the podcast, how and why they work, the relationship to core radio skills and how they can be commercially viable. This course will be supported by industry guests through NEP, the world's largest outside broadcast company, and leaders in the podcasting space.

TVR2006 ADVANCED AVID AUDIO & VIDEO EDITING (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld
Units 1 (Creative Arts not elsewhere cl) Band 1A

Students will be required to work with existing footage and or capture footage for use in a range of advanced AVID video editing. The student will use their foundational knowledge established in the introductory course. Students will use correct terminology in reference to the software and workflow, interact with the software in a confident and proficient manner. The student will become familiar with shortcuts, effective use of the software and assemble a few different products that will demonstrate the skills developed. The effective use of video and audio is vital in all productions and students will become familiar with the interaction between the various software and media workflow.

TVR3001 BROADCAST COMMERCIAL PRODUCTION (FBELA - UGRD)

Semester 1 (ONC)Springfld (EXT)Toowoomba (ONC)Springfld
Units 1 (Creative Arts not elsewhere cl) Band 1A

Students will be provided a product that will require a number of outcomes include video and audio productions. Through the course, students will gain understanding around how each of the supporting elements of marketing, public relations and journalism connect with this important work. Students will develop a campaign, produce video and audio products to demonstrate the knowledge gained and skills developed. This will be supported by client feedback. It is a real world project that will hone skills. Students will be going on site visits, engaging with leading industry members and hearing from leaders in the field.

TVR3002 NEWS AND MAGAZINE PRODUCTION (FBELA - UGRD)

Semester 1 (ONC)Springfld (ONC)Springfld (EXT)Toowoomba
Units 1 (Creative Arts not elsewhere cl) Band 1A

Students undertaking this course will learn the production processes involved in news, current affair and lifestyle programs. The effective use of either video or audio in the production such as capturing natural or atmospheric sound, correct style of images, lighting, and visual or audio support to the story. The student should acquire knowledge and skills required for the operation of a newsroom, and how to interpret the story. In addition students will learn use of software in both audio and video, understand how external product is sourced and utilised in a story. The documentation, workflow and organisational structure will also be explained. Terminologies specific to these genres will be discussed and used throughout the semester. Students will develop skills to turn products around in a timely manner and will understand the time pressures and demands place on team members within a newsroom or production office. This will be supported by placement opportunities and site visits to network newsrooms and to be involved with current production staff over this semester.

TVR3003 RADIO PROGRAMMING AND PROMOTIONS (FBELA - UGRD)

Semester 1 (EXT)Toowoomba (ONC)Springfld (ONC)Springfld
Units 1 (Creative Arts not elsewhere cl) Band 1A
Pre-requisite: TVR2002

The student should gain the knowledge and skills associated with and an awareness of the various roles within a radio station, including: radio sales, promotional activities, programming the radio station, ratings, podcasting, online and social media presence. These are foundational elements of a radio station and for building a solid career in the industry. The student should be acquire the knowledge of radio programming and management from the perspective of community radio, public broadcasting and commercial radio. The value of the radio station 'brand' and its involvement within the community. This will open up an appreciation the broad range of roles and skills required within a radio station and how these support the on air talent. Local radio stations will be providing guest presenters and opportunities for work experience will be offered over the semester.

TVR3004 MAJOR BROADCAST PROJECT (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (EXT)Toowoomba
Units 1 (Creative Arts not elsewhere cl) Band 1A
Enrolment is not permitted in TVR3004 if FTR3004 has been previously completed.

The student will work on, and deliver, an actual project, and support the work by evidence of planning, implementing and delivering the project. Further the student will support the work with evidence of research, analysis and key findings. This will include video and audio based work in the broadcast domain. Students may take the option to undertake a work placement or internship but will also need to provide the written documentation to support this work. This is a capstone course bringing together the skills and knowledge developed over the past two and half years.

TVR3005 DISTRIBUTION CHANNELS AND SOCIAL MEDIA (FBELA - UGRD)

Semester 2 (ONC)Springfld (ONC)Springfld (ONL)Toowoomba
Units 1 (Creative Arts not elsewhere cl) Band 1A

Students undertaking TVR 1004 will gain an insight into the function and role of the variety of organisations that work as a part of the distribution network of product aimed at specific audiences. Students will undertake research and analysis of the variety of product offered within different channels. As part of this process the student will review production values, approaches and engagement with the audience. Students will build a solid body of work around the channels and move to develop their own product employing key findings from their research. Key elements will include identification of audience, appropriateness of the channel, what limitations or opportunities might exist, and how the overall product is presented. The role of social media as an agent in building an audience and awareness will be explored and applied. Leaders in the industry, including the ABC (radio, TV and iView), commercial production houses and some international organisations will be providing guest speakers.

UCS8011 UNDERSTANDING THE HUMAN CYBER THREAT (FBELA - PGRD)

Units 0.25 (Information Systems not elsewhere) Band 2

The minicourse explores and explains the roles of people in the cyber security field and how they interact and perform, with a view to broadening your understanding of the value human actors bring, the risks they face, and the risks they present. Real world examples from multiple industries are used to illustrate key principles.

UCS8012 SOCIAL ENGINEERING CYBER ATTACKS (FBELA - PGRD)

Units 0.25 (Information Systems not elsewhere) Band 2

The minicourse applies a people-centred lens on social engineering to help students understand how human behaviour and psychological patterns can be exploited by cyber attackers. Students will learn about the structure of social engineering attacks - in particular, phishing and spear phishing attacks - and how these attacks can be interrupted. Understanding the threat, why it is so effective and how it can be mitigated is critical to reducing and managing risk. Real world examples from multiple industries are used to illustrate key principles.

UCS8013 INSIDER CYBER THREATS (FBELA - PGRD)

Units 0.25 (Information Systems not elsewhere) Band 2

The minicourse provides an understanding of threats to cyber security of an organisation that are posed from within the internal environment of the organisation. Students will learn about the range and nature of insider cyber threats that occur maliciously, as a result of negligence or through the organisation's supply chain. Students will also learn what system, tools and approaches organisations can exploit to detect or predict insider cyber threats or what defence they need to consider in their overall security strategy and approach.

UCS8014 BUILDING A CYBER RESILIENT WORKFORCE (FBELA - PGRD)

Units 0.25 (Information Systems not elsewhere) Band 2

The minicourse provides an understanding of cyber resilient culture and how it is constituted within a business context. The minicourse specifically looks into how employees' awareness of cyber security and cyber threats could be built as well as how their non-cybersecure behaviour could be changed, both as requirements of a desired cyber culture.

UEC5011 HOW DO I PRICE? (FBELA - PGRD)

Units 0.25 (Economics) Band 7

Enrolment is not permitted if ECO5000 has been previously completed

This minicourse provides a deeper understanding of pricing, including how to apply the conventional economics model in a real-world business context. Students will look at how pricing decisions are made, and learn how to apply these to business. Please be advised that this minicourse is made up of four parts please see ECO5000 for the full course specification.

UED8021 PROFESSIONAL CONVERSATIONS - COACHING (FBELA - PGRD)

Units 0.25 (Education not elsewhere class) Band 1

Enrolment is not permitted if EDU8400 has been previously completed

This minicourse will introduce students to the coaching skills you'll need to assist others to reach their goals. Students will learn how to plan, implement and evaluate coaching conversations within their professional context. With these skills, students will also learn how to build a positive culture at work through coaching conversations. Please be advised that this minicourse is made up of four parts please see EDU8400 for the full course specification.

UED8022 PROFESSIONAL CONVERSATIONS - MENTORING (FBELA - PGRD)

Units 0.25 (Education not elsewhere class) Band 1

Enrolment is not permitted if EDU8400 has been previously completed

This minicourse will introduce students to the mentoring skills needed to support others in building capacity and confidence. Students will learn how to plan, implement and evaluate mentoring conversations within their professional context. Students will also gain an understanding of the benefits, limitations, barriers and risks for successful mentoring conversations. Please be advised that this minicourse is made up of four parts please see EDU8400 for the full course specification.

UED8023 PROFESSIONAL CONVERSATIONS - FEEDBACK (FBELA - PGRD)

Units 0.25 (Education not elsewhere class) Band 1

Enrolment is not permitted if EDU8400 has been previously completed

This minicourse will show students how to give effective feedback to enhance the performance and expectations of your team. Students will apply specialist knowledge of tools, models and techniques to deliver feedback within their professional context. Please be advised that this minicourse is made up of four parts please see EDU8400 for the full course specification.

UED8024 PROFESSIONAL CONVERSATIONS - LEADING THROUGH CONVERSATIONS (FBELA - PGRD)

Units 0.25 (Education not elsewhere class) Band 1

Enrolment is not permitted if EDU8400 has been previously completed

This unit is about conversing with openness and purpose, and about improving the depth, interest and outcomes of professional conversations. Infusing professional conversations with information and knowledge makes them more effective, productive, persuasive, authentic and action orientated. Leaders seek greater rigour in their own exchanges, as well as encouraging those that they influence to seek, inform, authenticate, analyse, interpret and reflect as they converse. Please be advised that this minicourse is made up of four parts please see EDU8400 for the full course specification.

UMA8011 UNDERSTANDING SECONDARY MATHS CONCEPTS (FHESC - PGRD)

Units 0.25 (Teacher Education not elsewhere) Band 1

In this minicourse, students will be asked to reflect on their beliefs around mathematics, their current mathematics skills, and what makes a great mathematics teacher. Students will also consider the language and communication approaches, as well as teaching strategies, that are known to work best for mathematics education. Finally, the minicourse will introduce different curriculum strands and engage with and reflect on some common misconceptions in mathematics.

UMA8013 DEMYSTIFYING PROBABILITY AND STATISTICS (FHESC - PGRD)

Units 0.25 (Teacher Education not elsewhere) Band 1

In this minicourse, students will be asked to reflect on the changes to the curriculum, their knowledge of statistics and how it relates to 21st century learning. Statistical language and communication including digital approaches will be considered. Students will also have the opportunity to engage with and learn about existing and new content in the mathematics curriculum from Years 6 to 12. By working collaboratively and independently, students will be encouraged to develop their knowledge and skills of teaching statistical content. On completion

UMG8011 WALKING INTO A TOXIC TEAM (FBELA - PGRD)

Units 0.25 (Organisation Management) Band 7

Enrolment is not permitted if MGT8037 has been previously completed

This minicourse will help leaders understand the nature and characteristics of toxic teams, and how to identify existing and future problems. Students will also learn how leadership styles and behaviours can facilitate productive team behaviours. Please be advised that this minicourse is made up of four parts please see MGT8037 for the full course specification.

UMG8012 LEVERAGING TEAM DIVERSITY FOR SUCCESS (FBELA - PGRD)

Units 0.25 (Organisation Management) Band 7

Enrolment is not permitted if MGT8037 has been previously completed

This minicourse will help leaders build and enhance their team's capacity, as well as identify challenges and optimise diversity to create an inclusive and effective team. Students will learn about diversity of thought, team dynamics and leadership theories. Please be advised that this minicourse is made up of four parts please see MGT8037 for the full course specification.

UMG8013 CULTIVATING A GLOBAL MINDSET FOR TEAM SUCCESS (FBELA - PGRD)

Units 0.25 (Organisation Management) Band 7

Enrolment is not permitted if MGT8037 has been previously completed

In this minicourse, you will evaluate a scenario for a global team endeavour and make recommendations regarding how you would lead the team to success. Please be advised that this minicourse is made up of four parts please see MGT8037 for the full course specification.

UMG8014 EMPOWERING TEAMS (FBELA - PGRD)

Units 0.25 (Organisation Management) Band 7

Enrolment is not permitted if MGT8037 has been previously completed

The intent of this minicourse is to build and/or enhance team leadership capability through further developing or renewing leaders' knowledge and skills. The course work aims to build and/or enhance team leadership capability in relation to some of the more contemporary leadership approaches which empower and inspire team members' creativity and innovation. Please be advised that this minicourse is made up of four parts please see MGT8037 for the full course specification.

UMG8021 OVERCOMING IMPOSTER SYNDROME (FBELA - PGRD)

Units 0.25 (Organisation Management) Band 7

Enrolment is not permitted if MGT8038 has been previously completed

In this course, students will learn more about Imposter Syndrome, use this knowledge to explore their personal leadership mindset and behaviours, and plan strategies to redress imposter tendencies. Please be advised that this minicourse is made up of four parts please see MGT8038 for the full course specification.

UMG8022 TRANSITION FROM FRIEND TO LEADER (FBELA - PGRD)

Units 0.25 (Organisation Management) Band 7

Enrolment is not permitted if MGT8038 has been previously completed

This minicourse presents you with frameworks, theories and skills to support you in this transition, as you move from an existing team into a management position. You will also gain an understanding of the behaviours that are common in leaders. Please be advised that this minicourse is made up of four parts please see MGT8038 for the full course specification.

UMG8023 INTRACTABLE PROBLEMS (FBELA - PGRD)

Units 0.25 (Organisation Management) Band 7

Enrolment is not permitted if MGT8038 has been previously completed

This minicourse aims to support students to develop confidence and capacity in tackling these sort of problems in a way that adds value to their professional context by strengthening others in the organisation. Please be advised that this minicourse is made up of four parts please see MGT8038 for the full course specification.

UMG8024 THE ETHICAL LEADERSHIP PATH (FBELA - PGRD)

Units 0.25 (Organisation Management) Band 7

Enrolment is not permitted if MGT8038 has been previously completed

This minicourse explores the sources of organisational and leadership ethics and their impacts on the workplace, and beyond. Please be advised that this minicourse is made up of four parts please see

UMK8011 CONSUMER PSYCHOLOGY (FBELA - PGRD)

Units 0.25 (Sales and Marketing not elsewhere) Band 7

Enrolment is not permitted if MKT8001 has been previously completed

On successful completion of this minicourse, students should be able to evaluate and analyse individual consumer buyer behaviour and apply technical knowledge of buyer behaviour concepts including: analysis of influences on perception and how this applies to consumer behaviour; understand the role of motivation, emotion and personality in purchasing and consumption, understand concepts of consumer attitudes to consumer behaviour; evaluate individual consumer buyer behaviour and analyse the influence of marketing on consumer decision making. Please be advised that this minicourse is made up of four parts please see MKT8001 for the full course specification.

UPC5011 CONNECTING WITH AUDIENCE (FBELA - PGRD)

Units 0.25 (Communication and Media Studie) Band 1B

Enrolment is not permitted if PCM5000 has been previously completed

This minicourse is designed to help the student understand their audiences, including both internal and external stakeholders. It will investigate how to communicate with colleagues, staff and management, as well as how to target ideal clients, sponsors and shareholders. Students will develop a clear understanding on the starting point of communication, and how to adapt their messages to suit their target audience. Please be advised that this minicourse is made up of four parts please see PCM5000 for the full course specification.

UPC5012 GENERATING SOCIAL MEDIA (FBELA - PGRD)

Units 0.25 (Communication and Media Studie) Band 1B

Enrolment is not permitted if PCM5000 has been previously completed

In this minicourse students will develop an insight into the importance of knowing the audience, as well as strategies to gain a genuine understanding of their needs, motivations and expectations, and the skills to craft effective communications across a range of digital and print platforms. Please be advised that this minicourse is made up of four parts please see PCM5000 for the full course specification.

UPC5013 CREATING CREDIBLE CONTENT (FBELA - PGRD)

Units 0.25 (Communication and Media Studie) Band 1B

Enrolment is not permitted if PCM5000 has been previously completed

The intent of this minicourse is to build students awareness of the importance of sourcing high quality, credible content for their role as a communications professional. The coursework aims to engage students in the critical evaluation of a variety of sources to determine their credibility, and the development of skills in sourcing information from key sources, including interviewees, and approaching their role as a communicator ethically. Please be advised that this minicourse is made up of four parts please see PCM5000 for the full course specification.

UPC5014 CRAFTING PROFESSIONAL PUBLICATIONS (FBELA - PGRD)

Units 0.25 (Communication and Media Studie) Band 1B

Enrolment is not permitted if PCM5000 has been previously completed

In this minicourse the student will learn how to present print information in a highly engaging way. The student will develop skills to engage an audience through the creation of effective, dynamic publications that sell a brand story and deliver value to readers. Please be advised that this minicourse is made up of four parts please see PCM5000 for the full course specification.

UPR5011 CAMPAIGNING FOR CHANGE (FBELA - PGRD)

Units 0.25 (Public Relations) Band 7

Enrolment is not permitted if PRL5000 has been previously completed

In this minicourse you will learn how to develop a change communication campaign. You will be guided through the research process that will allow you to understand your target publics, and what motivates each group. You will learn how to apply a framework that will help you design an effective communications plan. Please be advised that this minicourse is made up of four parts please see PRL5000 for the full course specification.

UPR5012 PR TOOLS FOR MAKING SENSE OF CHAOS (FBELA - PGRD)

Units 0.25 (Public Relations) Band 7

Enrolment is not permitted if PRL5000 has been previously completed

This minicourse examines the framework that guides change communication campaigns. Students will see the process of synthesising research results to gain insights into how to connect with target publics. This process provides the foundation for a change communication campaign. Please be advised that this minicourse is made up of four parts please see PRL5000 for the full course specification.

URP1001 INTRODUCTION TO URBAN AND REGIONAL PLANNING (FHESC - UGRD)

Semester 1 (ONC)Springfld (ONC)Toowoomba (ONC)Toowoomba (ONC)Springfld (ONL)Toowoomba

Units 1 (Urban Design and Regional Plan) Band 2

This course covers the nature and history of the planning process and addresses the planner's role in urban and regional development. It will introduce students to the effect of development on the human, economic and natural environment and the drive to create better places through the use of best practice standards. Students will acquire not only theoretical knowledge about the role of the planner in the planning environment, but will also acquire practical skills on the use of tools and techniques in the planning field.

URP2001 PLANNING STRUCTURES AND STATUTORY PLANNING (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Urban Design and Regional Plan) Band 2

The course will cover the role of all levels of Australian Government in the planning system. It will examine the interaction of various Federal, State and Local Government policies and statutory controls.

URP2002 LOCAL GOVERNMENT PLANNING PRACTICE AND TECHNOLOGY (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Urban Design and Regional Plan) Band 2

This course will cover the controls and procedures used by local government in the development of their communities. The details of the development assessment process along with community engagement, communication, negotiation and ethical considerations associated with planning submissions will also be covered.

URP3200 REGIONAL PLANNING (FHESC - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Urban Design and Regional Plan) Band 2

Pre-requisite: URP1001

This course investigates the importance and nature of regional planning using a problem based approach to the course, which consists of a series of studio based lectures and a residential school. The focus is on regional planning for a non-metropolitan area. It provides students with an understanding of the different processes that not only impact but also underpin regional planning, and presents the role that political direction and state government planning instruments play in regional planning. The course also covers the use of regional planning in preservation, regional infrastructure provision and networks, and employment and demographic trends and opportunities.

URP3201 SUSTAINABLE URBAN DESIGN AND DEVELOPMENT (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

(ONC)Springfld (ONC)Springfld

Units 1 (Surveying) Band 2

Many professionals such as engineers, town planners and surveyors are engaged in the design and construction of residential developments. Therefore, they require a sound knowledge and understanding of the design principles and practices that are used to create sustainable residential areas, both large and small. This course gives students the opportunity to acquire knowledge of the design principles currently used in Australia to develop sustainable residential neighbourhoods. This includes allotment and dwelling design, the design of streets and paths, and the location and design of urban services, open spaces and community facilities. A Performance Based Approach is used. Students will also gain an insight into the land development process. The three assessment items in this course enable students to develop, practice and demonstrate their knowledge of sustainable residential design principles, and their ability to apply those principles.

URP4001 MOVEMENT NETWORK PLANNING (FHESC - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Urban Design and Regional Plan) Band 2

Pre-requisite: URP1001 or SVY4203 or Students must be enrolled in one of the following Programs: BENH or MEPR

This course explores what constitutes urban and regional movement networks and provides an explanation as to why these networks have had a major impact on our cities and regions. It will be begun by explaining why urban and regional planners have a critical role in maximising the use of sustainable modes of travel before examining more detailed applications of integrated land use and transport, with reference to international, national and local case studies. It will also include examination of the dominance of the private car in recent development history and look at how 'complete' streets can be achieved for urban development.

URP4002 URBAN AND REGIONAL PLANNING THEORY (FHESC - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Urban Design and Regional Plan) Band 2

Pre-requisite: URP1001 or URP3201 or Students must be enrolled in one of the following Programs: GDST or MSPT or GCNS or GDNS or MENS or GCBU or MPPM

This course covers the ideological approaches to broader urban theory and specific urban and regional planning theory that shape the humanistic and epistemological premises of planning and how we understand urban and regional experiences. It will examine the impact of various planning theories on the role of the planner and the implications for planning practice and urban development policy in the context of modernity, globalisation, inequality, difference and intersections within cities.

VAP3100 PROFESSIONAL VISUAL ART PROJECT 1 (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Fine Arts) Band 1A

Pre-requisite: VIS1010 and VIS1020 and VIS2010 and VIS2020
Enrolment is not permitted in VAP3100 or VAP3200 if BCA3000 and BCA3001 have been previously completed

This course will require students to draw on the knowledge, research skills and technical abilities acquired in the foundational and intermediate studio pre-requisites and utilise these to carry out a self-directed project. Across this course, students will put forward a project proposal and develop a body of work as a continuation of the ideas raised in this. All stages of the project development will be carried out under the supervision of the studio lecturers, who will conduct individual and group consultations, and provide ongoing critiques and feedback. Students will be introduced to the various career pathways within professional arts industries. These include: practicing artist, curator, gallery administrator, art education officer, art teacher, art writer and more. This enables the student to cater their learning to individual career aspirations. This is the first of two visual art project courses that present students with the opportunity for focused, in-depth, individualised arts outcomes. VAP3100 and VAP3200 complement VIS3010 and VIS3020, and all four, along with the four pre-requisite studio courses, are necessary to complete a major in Visual Arts and professional competency. On campus students will be required to undertake relevant WH&S inductions and employ the safe handling of materials, processes and equipment.

VAP3200 PROFESSIONAL VISUAL ART PROJECT 2 (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Fine Arts) Band 1A

Pre-requisite: VIS1010 and VIS1020 and VIS2010 and VIS2020
Enrolment is not permitted in VAP3100 or VAP3200 if BCA3000 and BCA3001 have been previously completed

In this course, students will further develop self-directed project design and execution skills, which are complementary to those gained in VAP3100. Students should demonstrate in-depth knowledge, advanced research skills and technical abilities and utilise these to realise a professional quality self-directed project. All stages of the project development will be carried out under supervision from the studio lecturers, who will conduct individual and group consultations, and provide ongoing critiques and feedback. This is an advanced course that should equip students to enter into Honours level studies, or employment in professional arts industries. Students will be introduced to the various career pathways within professional arts industries. These include: practicing artist, curator, gallery administrator, art education officer, art teacher, art writer and more. This enables the student to cater their learning to individual career aspirations. Students expecting to graduate on the completion of this course will have the opportunity to exhibit their work in the visual arts graduate exhibition. To do so, students must meet appropriate deadlines and requirements regarding the planning of, participation in and installation of the exhibition. Students will learn professional concepts, techniques and skills in order to critically apply and professionally engage with their art practice. On campus students will be required to undertake relevant WH&S inductions and employ the safe handling of materials, processes and equipment.

VIS1010 2D STUDIO FOUNDATIONS (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Fine Arts) Band 1A

Enrolment is not permitted in VIS1010 if VSA1001 and VSA1002 have been previously completed.

Students will study in three 2D studios: Painting, Printmaking and Drawing. This is an introductory course suitable for anyone who has a passion or interest in developing their skills and understanding of visual art practice. Students will be introduced to fundamental practical skills and processes in each of the three studio areas. Across this course, students will begin to form an understanding of how the development of skills and applied processes is underpinned by a foundational approach to artist research, ideas development and analytical thinking. This course will offer a range of lectures, workshop tutorials, critiques, consultations and discussions, which will support the initial development of student practice and ideas. Due to the range of possible intensives or workshops, to gain credit for these activities, students must seek and obtain pre-approval from the discipline co-ordinator of visual arts. On campus students will be required to undertake relevant WH&S inductions and employ the safe handling of materials, processes and equipment.

VIS1020 3D STUDIO FOUNDATIONS (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba

Units 1 (Fine Arts) Band 1A

Enrolment is not permitted in VIS1020 if VSA1001 and VSA1002 have been previously completed.

Students will learn about various processes, techniques and materials associated with the three-dimensional visual arts studio areas of Sculpture and Ceramics. The practical skills developed in these areas will be underpinned by a foundational approach to artist research, ideas development and analytical thinking. This course will offer a range of lectures, workshop tutorials, critiques and consultations which will support the development of the student's contemporary practice, ideas and research. The work of established professional artists will be analysed in order to increase student insight into their own approaches to three-dimensional practice. The visual language, studio research and artist reflection used at this level will be appropriate with skill-development. Due to the range of possible intensives or workshops, to gain credit for these activities, students must seek and obtain pre-approval from the discipline co-ordinator of visual arts.

VIS1101 PERSPECTIVES IN VISUAL ARTS: MOVEMENTS, MOMENTS AND EVENTS (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Fine Arts) Band 1A

Enrolment is not permitted in VIS1101 if VSA1000 and VSA2000 have been previously completed.

This course will present an overview of artists, movements and events in terms of the historical evolution of visual culture and ideas. Students will be taught and develop skill required to research, describe, explain, interpret and reflect on seminal events, histories and artistic developments. Across this course, students will compare a range of art movements and key artists through critical discussion and ongoing conceptual and visual concerns. Students are encouraged to consider how these historical foundations underpin and inform directions in contemporary art practice.

VIS1201 WAYS OF SEEING ART (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Fine Arts) Band 1A

Enrolment is not permitted in VIS1201 if VSA1004 has been previously completed.

This is a foundational course in the concepts of visual art. The course will introduce students to different ways in which art can be 'seen', exploring aesthetics, art history, cultural theory and their practical applications. Students will research, identify and investigate the cultural connections that are drawn between objects and their cultural, aesthetic and practical contexts. In doing so, students will establish methods of seeing or reading visual content within a broader cultural landscape, with an emphasis on the role of varied ideologies, the role of perception and critique of cultural objects.

VIS1302 INNOVATION IN ART, ARCHITECTURE, NEW MEDIA AND DESIGN (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba

Units 1 (Fine Arts) Band 1A

Enrolment is not permitted in VIS1302 if VSA1003 has been previously completed.

This course looks at recent trends in visual art where artists and their practices have become hybridised disciplines expanding from conventional outcomes (such as painting, sculpture, photography, drawing, ceramics, object making and printmaking) into new and exciting areas of artistic practice within architecture, new media and design. This course will encourage students to achieve a greater understanding and awareness of the broad spectrum of artistic practices that are inherent within not only visual art, but across a multitude of artistic areas such as design, architecture and new media. This is undertaken through the investigation of how contemporary society has become a playground for various practitioners to explore new outcomes within private and public spaces changing the way societies and cultures experience their built worlds.

VIS1402 ARTISTS AND THEIR STUDIO PRACTICE (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba

Units 1 (Fine Arts) Band 1A

Enrolment is not permitted in VIS1402 if VSA2001 has been previously completed.

This course will examine multifaceted approaches to art practice and aesthetics, positioned within the focus of 20th and 21st century cultural and artistic theories. Students will view and research key artists and the ways in which they articulate conceptual intentions to reach creative outcomes. The knowledge obtained from this course will form the basis for subsequent courses about art and ideas, and provides key information for students engaged in studio-based courses or activity, who will need to become critically reflective of their own work, as practicing artists. This course will also introduce students to discussions about the public reception of artworks, and how works can become a conversation between artist and viewer.

VIS2010 INTERMEDIATE STUDIO 1 (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Fine Arts) Band 1A

Pre-requisite: (VIS1010 and VIS1020) or (FSP1004 and DIT1004)
Enrolment is not permitted in VIS2010 if VSA2002 and VSA2003 have been previously completed.

Building on the knowledge and technical skills gained in the pre-requisite courses, students will focus on key areas of interest and expand their application of technical, analytical and research skills within their selected studio areas. This course will transition students into an intermediate level of practice, related to both technique and concept development. This will be supported through lectures, workshops tutorials, critiques and consultations. Students will increase their insight and reflection into their own practices, and position these in relation to the works of professional contemporary artists. On campus students will be required to undertake relevant WH&S inductions and employ the safe handling of materials, processes and equipment.

VIS2020 INTERMEDIATE STUDIO 2 (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Fine Arts) Band 1A

Pre-requisite: (VIS1010 and VIS1020) or (FSP1004 and DIT1004)
Enrolment is not permitted in VIS2020 if VSA2002 and VSA2003 have been previously completed.

In this course, students will undertake studies in a minimum of two studio areas. Students should acquire new skills and advance their existing skill and knowledge, to be able to make independent realisations about the connections between art practice and ideas, then pursue these realisations in a self-directed manner. Drawing on the process-based skills and ideas developed in the foundational pre-requisite units, this course will allow students to further their creative and critical engagement within their chosen studios. Students will be required to be self-directed in identifying, designing and making studio works, which will assist them in transitioning into their final year of studio practice. This course will enable students to contextualise their practice and further develop key research and practice skills through independent and collaborative learning. This will be supported through lectures, workshop tutorials, critiques, consults and group discussions. On campus students will be required to undertake relevant WH&S inductions and employ the safe handling of materials, processes and equipment.

VIS2101 VISUAL STORYTELLING: BUILDING PERSONAL AND CULTURAL NARRATIVES IN THE 21ST CENTURY (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Fine Arts) Band 1A

Students in this class will be researching and viewing different forms of storytelling that are within traditional and non-traditional studio activities such as painting, sculpture, printmaking, photography and ceramics, as well as their expansion into areas such as film and social media. Students undertaking this course should ultimately develop an understanding of how visual narratives are formed, and how the artist's intention intersects with audience reception and expectation.

VIS2202 CURATORIAL AND CULTURAL MANAGEMENT (FBELA - UGRD)

Semester 2 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Fine Arts) Band 1A

The course develops the student's awareness and knowledge of the variety of industry activities that are concerned with creative and cultural industries. This course will look at the differences between museums, commercial galleries, artist-run galleries, government arts organisations, public art activities and the types of curatorial, managerial and professional roles these entail. It will discuss the various innovative approaches artists have taken to grow their own small arts businesses through their work expanding in a variety of alternative industry areas. Students will be encouraged to form evidence-based decisions of the various approaches to the arts industry through a personalised and entrepreneurial approach.

VIS3010 ADVANCED STUDIO 1 (FBELA - UGRD)

Semester 1 (ONL)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Fine Arts) Band 1A

Pre-requisite: (VIS1010 and VIS1020 and VIS2010 and VIS2020) or (FSP1004 and DIT1004 and VIS2010 and VIS2020) Enrolment is not permitted in VIS3010 if VSA3004 and VSA3005 have been previously completed

In this course, students will undertake studies in a minimum of one studio area. This course builds on the intermediate studio courses by addressing studio practice and research within a contemporary art context at an advanced level. Students will focus on expanding research methods, and demonstrating articulate written, spoken and visual language through their studio and self-reflective practices. Across this course, students will further develop independent and/or collaborative projects under the guidance of staff. The work produced will be of a high professional standard and will prepare students for further study at Honours and/or postgraduate level, or to work within creative industries. Students will be introduced to the various career pathways within professional arts industries. These include: practicing artist, curator, gallery administrator, art education officer, art teacher, arts writer and more. This enables the student to cater their learning to individual career aspirations. On campus students will be required to undertake relevant WH&S inductions and employ the safe handling of materials, processes and equipment.

VIS3020 ADVANCED STUDIO 2 (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Fine Arts) Band 1A

Pre-requisite: (VIS1010 and VIS1020 and VIS2010 and VIS2020) or (FSP1004 and DIT1004 and VIS2010 and VIS2020) Enrolment is not permitted in VIS3020 if VSA3004 and VSA3005 have been previously completed

This course complements VIS3010 by critically investigating studio practice, contemporary context and individual methods. Students will apply a high level of research skills and analytical thinking in forming their studio ideas, which will then be carried out with advanced technical ability. During this course, students will focus on key areas of interest and work both independently and/or collaboratively in response to critique. Upon completion of this course, students will be well equipped to engage in professional art practice and industry, or to pursue further study at an Honours level. Students will learn to appropriately contextualise, justify and reflect on their approach to practice within a professional industry and research context. Students will be introduced to the various career pathways within professional arts industries. These include: practicing artist, curator, gallery administrator, art education officer, art teacher, art writer and more. This enables the student to cater their learning to individual career aspirations. On campus students will be required to undertake relevant WH&S inductions and employ the safe handling of materials, processes and equipment.

VIS3101 CONTEMPORARY CULTURE AND VISUAL ANALYSIS (FBELA - UGRD)

Semester 1 (ONC)Toowoomba (ONL)Toowoomba (ONC)Toowoomba
Units 1 (Fine Arts) Band 1A

Enrolment is not permitted in VIS3101 if VSA3021 or VSA3022 has been previously completed.

This advanced course in cultural theory, visual analysis and thematic interpretation will engage the student in historical and contemporary understanding of art theory and practice as a cultural and visual object of analysis. This will be delivered by a series of seminars on the topics of visual culture and analysis of works of art through examples from industry and associated literature on the topics.

VIS3202 GLOBAL CULTURES (FBELA - UGRD)

Semester 2 (ONC)Toowoomba (ONC)Toowoomba (ONL)Toowoomba
Units 1 (Fine Arts) Band 1A

Across this advanced course, students will engage with complex ideas within indigenous histories and knowledge that inform the understanding of cultural objects globally. This course should deepen students' understanding of the place of art in a connected, global world. Students will be able to identify and discuss challenges to established aesthetic and national tropes informing past perspectives about art and culture, and gain an advanced understanding of emerging trends in the art world and broader cultures.

WAT1101 INTRODUCTION TO WATER SCIENCE (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (ONC)Toowoomba
Units 1 (Agriculture, Environmental and) Band 2

The course aims to provide an understanding of the physical and chemical characteristics of aquatic systems and the processes shaping them. The role of water and its interactions with other processes in shaping landscapes is examined. The course will explore the characteristics of water processes and examine the differences between lotic (fluvial) and lentic (freshwater) systems. The course will also provide an introduction to fundamentals of hydrology, including surface water hydrology, groundwater hydrology and ecohydrology. The role of water in shaping Australia's socio-economic landscape will be discussed. This course contains a Highly Recommended

WIN1101 GRAPE AND WINE PRODUCTION (FHESC - UGRD)

Semester 1 (ONL)Toowoomba

Units 1 (Food Science and Biotechnology) Band 2

This course introduces the history of grape growing and winemaking, trends in wine making and consumption, the structure and growth of the grapevine, grapevine propagation, diseases and pests, determination of grape ripeness and harvest, production of red and white table wines, sparkling wines and fortified wines, and understanding of wine types and styles.

WIN1102 WINE PRODUCTION SKILLS (FHESC - UGRD)

Semester 1 (EXT)Toowoomba

Units 2 (Food Science and Biotechnology) Band 2

This course is delivered as a series of practical workshops led by industry professionals, allowing students to acquire career relevant skills in their chosen major. Topics addressed include hands-on vineyard management, wine production techniques, and business management skills. This course comprises a number of small residential schools throughout the year held at Queensland College of Wine Tourism, Stanthorpe Queensland. Alternatives to attendance at the Queensland College of Wine Tourism may be possible in consultation with the course examiner. This course contains a mandatory residential school.

WIN2200 VITICULTURAL AND WINEMAKING PRACTICE (FHESC - UGRD)

Semester 1 (EXT)Toowoomba

Units 1 (Food Science and Biotechnology) Band 2

Co-requisite: WIN1101

This course mainly comprises a compulsory, intensive 5 day residential school, based at the Queensland College of Wine Tourism, and provides a practical introduction to harvest-season viticulture and winemaking through activities in the Queensland College of Wine Tourism vineyard, winery and laboratory facilities and field trips to local commercial operations. The activities to be undertaken include determining optimal time for harvest through yield estimation, vineyard assessment and grape berry compositional testing, late season vineyard management, chemical and sensory analysis of wine, grape harvesting, processing (crushing, pressing, stabilisation, clarification, enzyme treatments, acidification), and initiating and monitoring of primary fermentation of white and red wines. In addition students will be guided through appropriate preparatory activities prior to the residential school and follow-up activities will include completion of a report on activities and outcomes. This course contains a mandatory residential school.

WIN2210 VITICULTURAL PRINCIPLES AND PRODUCTION (FHESC - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Food Science and Biotechnology) Band 2

Pre-requisite: WIN1101

This course provides students with an in depth understanding of the annual grapevine growth cycle and the importance of this knowledge to vineyard management, the processes of vegetative and reproductive growth and berry flavour and aroma accumulation and the influence of climate on these processes. It then considers the practices involved in yield estimation and vineyard management throughout different times of the year, including pruning, irrigation and nutrition management, canopy and vineyard floor management and ripening and harvesting of quality fruit. It offers an in-depth investigation into the issue of vineyard pest and disease management and the importance of monitoring and recordkeeping. Emerging vineyard technologies are introduced.

WIN2215 WINE BIOCHEMISTRY AND MICROBIOLOGY (FHESC - UGRD)

Semester 2 (ONL)Toowoomba

Units 1 (Food Science and Biotechnology) Band 2

Pre-requisite: WIN1101

The chemical and physical nature of structures and functions within living cells is studied. This course allows students to develop an understanding of the major classes of biochemical compounds and the metabolism of these compounds. It discusses the structures and chemistry of biomolecules, bioenergetics of metabolic reactions and central metabolic processes including metabolism of carbohydrates, respiration and photosynthesis. This is extended to consider the biochemistry of important enzyme-catalysed reactions during production and storage of wine. Impacts of enzymes derived from the grapes, the microbes used to ferment wine, and used as winemaking additives are discussed. The course also considers biochemical and spectroscopic analysis of wine. In addition the course considers the positive and negative impacts that micro-organisms can have on quality of grapes and wine. This course includes discussion of the diversity of micro-organisms, microbial cell structure and function, metabolism, nutrition, growth and control of micro-organisms, an introduction to bacteria, viruses, fungi and protists and factors affecting their interactions with grapevines, an introduction to the types and roles of micro-organisms found in wines, roles of yeasts and bacteria in wine making and spoilage reactions, and control of micro-organisms in wine making.

WIN2220 WINE PRODUCTION (FHESC - UGRD)

Semester 2 (ONL)Toowoomba
Units 1 (Food Science and Biotechnology) Band 2
Pre-requisite: WIN1101

This course is aimed at providing an awareness of how chemistry can be used to interpret, unify and predict outcomes of winemaking actions, and extends previous studies to consider the production of dry white and red table wines. The course considers acidity, buffering, chemical equilibria and measurement and control in wine making, chemical analyses of juice and wine, sulphur dioxide in winemaking, oxidation and its management in grapes, juice and wine, chemistry of wine phenolic compounds and sensory components, and wine chemical stability issues. It then considers assessment of grape berry quality as related to winemaking, and follows the key stages in the making of dry table wines. These stages include processing of grapes, must and juice, primary yeast fermentation, secondary fermentations, similar and different processes in white and red wine production and management of wines during post-fermentation processes. This is followed by consideration of bottling, types of wine packaging and their potential impacts on wine characteristics. Production of fortified wines is considered, including production of fortifying spirit by distillation and processes used in production of the various styles of fortified wines. The course finishes with consideration of principles of production of sparkling wines, including secondary fermentation and post-fermentation processes and practices.

WIN2225 WINE PRODUCTION PLACEMENT (FHESC - UGRD)

Semester 1 (EXT)Toowoomba
Semester 2 (EXT)Toowoomba
Semester 3 (EXT)Toowoomba
Units 1 (Food Science and Biotechnology) Band 2

This course provides students with an opportunity to gain relevant experience in a real-life industry relevant to their major. Content will vary depending upon the workplace, allowing student to apply their learning to a variety of contexts. Students will be required to write a job application letter and curriculum vitae and to complete written reflections. This course requires students to attend work placement of at least 15 days' duration. Students are required to find their own placement.

WIN3304 VITICULTURAL AND WINEMAKING PRACTICE 2 (FHESC - UGRD)

Semester 3 (EXT)Toowoomba
Units 1 (Food Science and Biotechnology) Band 2
Pre-requisite: WIN1101

This course mainly comprises a mandatory, intensive 5-day residential school, based at the Queensland College of Wine Tourism, and provides a practical introduction to viticultural practices in the spring to summer period, considering topics such as flowering, vineyard management, spraying, pest & disease management, fertilisation, irrigation, floor management, cover crops and canopy management. Winemaking skills and topics include maturation, clarification, stabilisation, fining, finishing and bottling. It also provides further practice in techniques of analysis of wine components in the context of this phase of wine production through activities in the Queensland College of Wine Tourism vineyard and winery facilities and field trips to local commercial vineyards and wineries. In addition, students will be guided through appropriate preparatory activities prior to the residential school and follow-up activities will include completion of a report on activities and outcomes. The practical experience in this course is set in context of relevant viticultural and winemaking activities and relates to elements of the theoretical courses undertaken as part of the Wine Science major. This course contains a mandatory residential school.

WIN3310 WINE SENSORY ANALYSIS (FHESC - UGRD)

Semester 2 (EXT)Toowoomba
Units 1 (Food Science and Biotechnology) Band 2
Pre-requisite: WIN1101

This course introduces physiological underpinning of sensory perception, principles of grape berry sensory analysis and sensory analysis of major wine types and styles, and consideration of wine faults. Students also gain insight into the roles and procedures of wine shows. The course also introduces issues of wine and health, including discussion of both positive and negative potential impacts of wine consumption. This course includes a compulsory, intensive 3-day residential school, and focuses on the development of appreciation of variety, region and vineyard and winery management on final wine sensorial appreciation. A major focus of this course is the recognition of wine faults. Students analyse different styles of wine from regions around the world. Students also gain insight and practical experience in the world of the wine show, being exposed to wine judging and wine show stewarding, and to the use of sensorial analysis for wine research. This course contains a mandatory residential school.

WLF1201 FIELD SKILLS FOR WILDLIFE, GAME AND PEST MANAGEMENT (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (EXT)Toowoomba
Units 1 (Pest and Weed Control) Band 2

This course provides knowledge about preparation for and undertaking field work to study or manage wildlife. The course focusses on developing safety and survival skills, knowledge about necessary equipment, transport skills, and other resources required including food and water. To undertake the broad range of tasks important to manage wildlife in the field it is critical to have knowledge of and skills to be able to correctly identify wildlife, and safely collect, record, analyse and present field data. This knowledge and these skills plus an understanding of field study design, and limitations of the design, and the data, will be developed during this course. During this field trip different wildlife management survey techniques will be set up for actual wildlife studies, data collected and analysed, with their strengths and limitations discussed. Within these wildlife management survey techniques a range of equipment will be used, skills developed in their use, and methods to record and display the outcomes of the wildlife studies developed. These wildlife management techniques, associated equipment and presentation methods will be used in later courses. To gain these skills students must attend a mandatory one week field trip. This course contains a mandatory residential school.

WLF2101 MANAGEMENT OF WILDLIFE (FHESC - UGRD)

Semester 1 (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Land, Parks and Wildlife Manag) Band 2

This course provides a general introduction and overview of wildlife management. The course focusses on iconic, important (ecologically, socially, economically), abundant and vulnerable to extinction wildlife species - why some species populations have increased in abundance and distribution and other species have decreased. Key aspects of wildlife management as a means of conserving, utilising, and controlling wildlife will be discussed. The strengths and limitations of different types of survey techniques, as a key component of wildlife management, will be introduced. Issues examined include the impacts of introduced species, agricultural and forestry practices, and climate change on wildlife species. Special attention is given to the growing importance of managing human-wildlife conflict. To gain these skills and knowledge students are strongly encouraged to attend a highly recommended three-day residential school. During the three-day residential school students will be introduced to the use of different basic survey tools and laboratory classes on how to identify common species of Australian wildlife using binoculars, scats, tracks, skulls and other traces. Non-attendance at the residential school will mean the student misses an element of assessment. To participate in some elements of the residential school you will need to have immunity to, or have been vaccinated against, Q fever and tetanus (zoonotic diseases). Failure to do so may mean the student misses an element of assessment.

WLF2201 VERTEBRATE PESTS AND BIOSECURITY (FHESC - UGRD)

Semester 2 (EXT)Toowoomba (ONC)Toowoomba (ONC)Toowoomba
Units 1 (Pest and Weed Control) Band 2

This course provides an introduction and overview of vertebrate pests and their control, biosecurity and human-wildlife conflict and its resolution. This course focusses on the legislation locally, in Queensland, nationally and internationally as it relates to vertebrate pests. The different types of control methods for vertebrate pests will be discussed as well as their strengths and limitations. Difference between vertebrate pest management and human-wildlife conflict management will be discussed. Biosecurity and the processes involved in minimising risk will be discussed as will the techniques of sample collection, storage, transport and analysis. The importance of engaging stakeholders, ensuring social licence and animal welfare, and key aspects of negotiation will be described. There is a highly recommended three-day residential school for this course. To participate in some elements of the residential school you will need to have immunity to, or have been vaccinated against, Q fever and tetanus (zoonotic diseases). Failure to do so may mean the student misses an element of assessment.

WRP9002 WORK-BASED RESEARCH PROJECT (FBELA - RSCH)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Semester 3 (ONL)Toowoomba
Units 2 (Education not elsewhere class) Band 1

Doctoral candidates undertaking their work-based research project should enrol in this course for each semester of their candidature. This will normally be for a total of ten semesters or until the candidate is ready to finalise and submit their final dissertation in agreement with their supervisor. The candidate will combine work and study, by investigating, analysing, assessing and developing possible improvements or innovations to some agreed aspect(s) (process(es), procedure(s) or product(s)) at the student's workplace. With the help and support of an supervisor, it is expected that the student will study appropriate literature and other resources, research methodology and undertake other activities, as in the student's approved work-based research project proposal. The student must demonstrate a capability of successfully undertaking self-managed and/or collaborative research and project development culminating in providing a report of their progress at the completion of each study period.

WRP9013 PROFESSIONAL STUDIES RESEARCH PROJECT 2 (FBELA - RSCH)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Semester 3 (ONL)Toowoomba
Units 2 (Education not elsewhere class) Band 1

Master of Professional Studies (Research) students undertaking their professional studies research project on a part-time basis should enrol in this course for each semester until the completion of the project. This will normally be for a total of four semesters or when the candidate is ready to finalise and submit their project thesis in agreement with their supervisor. The student's supervisor will be appointed prior to commencement of the course. The supervisor will be a UniSQ or adjunct (external) subject expert related to the research topic. The student will combine work and study, by coherently investigating, analysing, assessing and developing possible improvements or innovations to some agreed aspect(s), process(es), procedure(s) or product(s) in their professional practice. With the help and support of a supervisor, it is expected that the student will examine recent literature to learn what is already known about their research topics, apply a high level of skill in assessing and addressing ethical considerations in their study and related professional practice, learn about appropriate research methods and conduct research. The student must demonstrate a capability of successfully undertaking self-managed and/or collaborative research and project development and provide a report of their progress at the completion of each study period.

WRP9014 PROFESSIONAL STUDIES RESEARCH PROJECT 4 (FBELA - RSCH)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Semester 3 (ONL)Toowoomba
Units 4 (Education not elsewhere class) Band 1

Master of Professional Studies (Research) students undertaking their professional studies research project on a full-time basis should enrol in this course for each semester until the completion of the project. This will normally be for a total of two semesters or when the candidate is ready to finalise and submit their project thesis in agreement with their supervisor. The student will combine work and study, by coherently investigating, analysing, assessing and developing possible improvements or innovations to some agreed aspect(s), process(es), procedure(s) or product(s)) in their professional practice. With the help and support of a supervisor, it is expected that the student will examine recent literature to learn what is already known about their research topics, apply a high level of skill in assessing and addressing ethical considerations in their study and related professional practice, learn about appropriate research methods and conduct research, as specified in the student's approved professional studies research project proposal. The student must demonstrate a capability of successfully undertaking self-managed and/or collaborative research and project development and provide a report of their progress at the completion of each study period.

WRP9020 PROFESSIONAL STUDIES PUBLISHABLE PAPER A (FBELA - RSCH)

Semester 1 (ONL)Toowoomba
Semester 2 (ONL)Toowoomba
Units 2 (Education not elsewhere class) Band 1

Students are required to formulate and submit for blind review, a publication representing their research findings (or part thereof) and contribution to professional practice and/or relevant theory as appropriate. The article is assessed following standard academic blind peer-review processes. Peer reviewers will include independent academic and/or practice-based experts who will assess whether the work is publishable and meets the requisite critical, creative, analytical and communications skills associated with the Masters level qualification. The peer reviewers will be selected from related professional and academic fields relevant to the professional practice of the student. This will accommodate bifurcations between disciplines and the diversity of professional/academic discourse. Students will be advised and guided in the formulation of their work by academic supervisor(s) associated with their work and with the Professional Studies programs. Students will be encouraged to recognise the value of disseminating new knowledge in what is increasingly becoming a complex and diverse publishing environment. The course will illustrate through supervision and a peer-review process the hallmarks of high impact, objective and academically sound publishing standards. The insights that the student will gain as a result, will not only enhance their experience and expertise through locating their disciplinary enquiry in relevant theory and practice literature but will provide greater rigour in support of their findings and contributions to practice. The course will be a pass/fail course based on the peer-review process outcome i.e. the work produced is publishable.

Consult the Handbook on the Web at <https://www.unisq.edu.au/handbook/current> for any updates that may occur during the year.