Long Course Title	Course Description	Level	Semester	Department	Semesters	Sustainability Focused	Sustainability Inclusive
Animal Environmental Physiology	How domestic animals and wildlife interact with the natural and modified climate (housing & transport); Animal response to micro & macro climate; adaptive strategies for dealing with climate studies; impact of housing; environmental control for animals; monitoring of micro-climate & macro-climate as it applies to animals.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1	1	
Wildlife Technologies	Techniques & methods required to study fauna in their natural habitat, their application, interpretation of data, & generation of management options.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1	1	
Animals in a Changing Environment	The course provides an understanding of the direct and indirect impact of a changing environment on wildlife, livestock and domestic animals. The direct effects will include climate driven change such as changes in weather patterns (climate change) and indirect effects such as changes in plant species and habitat change. The impacts on animals will be studied in terms of physiological, morphological, behavioural and genetic adaptations. The course will cover cellular responses to whole animal responses.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1	1	
Human - Wildlife Conflict Management	Increases in populations of humans have led to increases in human-wildlife conflicts. `Human-wildlife conflict management' is now used to describe any negative interactions between humans and wildlife. These interactions can be real or perceived, economic or aesthetic, social or political, and may encompass damages to the individual that result from wildlife legislation, regulations, or policies that are designed to protect or conserve wildlife, public benefits, and individual property rights. This course is about understanding the causes of and resolutions to human-wildlife conflicts.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1	1	
Environmental Anthropology	Students explore issues relating to the way people know, interact with and care about their environment and the politics of human-environment relationships.	Undergraduate	Semester 1, 2018	Social Science School	1	1	

Global Challenges in Biology	This course details the living world of which we are a part, from microbe to ecosystem. It provides clear cases of how human health, quality of life and future is intricately linked to the well-being of other organisms and the environment we all share. The course will lead students through a number of global challenges which highlight global biodiversity as a source of biomedical and economical innovation. This lays the foundation for understanding and facing the environmental and biomedical challenges facing humans and the planet.	Undergraduate	Semester 1, 2018	Biological Sciences School	1	1	
Conservation	Integrative course concerned with ecosystems, communities & species at risk. Practical approaches to overcoming threatening processes, & underlying theory. Landscape ecology & regional ecosystems; spatial analysis; biological invasion and extinctions; in situ & ex situ methods. Interaction of science with social/legal context.	Undergraduate	Semester 2, 2018	Biological Sciences School	1	1	
Plant Adaptation and Global Change	Global change is a topic of great concern but what does it really mean for plants and plant communities? Change includes increasing temperatures, decreasing rainfall, rising atmospheric carbon dioxide levels, degrading soils, excess of nutrients, salt, heavy metals or man-made chemicals. Change can mean altered presence of herbivores, pests and pathogens, or competition with aggressive weeds. To manage plants and their communities in a changing world, it is instrumental to understand how plants adapt to change. In this course, you will investigate how plants fare in ecosystems, currently and in the future. You will explore the processes that govern plant communities. Collaborating with government scientists and using an advanced web-interface to provide information, you will gain first-hand experience with field visits and data collection for hypothesis-driven research in south-east Queensland. Participants choose on-demand lectures and discussions and partake in small group activities to gain the skills essential for plant and ecosystem science sought after by employers and foundation for postgraduate studies.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1	1	

Marine Ecology and Conservation	Ecology & conservation of marine and estuarine plants and animals. Emphasis on the dynamics & interactions of populations, assemblages & communities in marine environments, including an examination of theory, methods & approaches used to study these systems (including field activities). Appreciation of the threats that impact marine ecosystems and how this can affect people. Understanding the degree to which evolutionary adaptation can build resilience to the effects of climate change. Detailed exploration of cutting-edge conservation issues and practices including marine reserve design and the importance of blue carbon.	Undergraduate	Semester 2, 2018	Biological Sciences School	1	1	
Climate Change Biology	Anthropogenic climate change presents a wide range of impacts and challenges for both the planet and the organisms that exist upon it. Drawing on a cross-section of fields from within the biological sciences, this course moves from our understanding, through paleontological evidence, of prehistoric climate change and its effects on our biota to current anthropogenic climate change and its potential consequences for individual organisms with regard to physiology, behaviour, population dynamics, and community effects. Students will also explore the challenges and uncertainties climate change present to scientists in terms of its potential impacts on terrestrial and marine species' distributions including infectious pathogens and their arthropod vectors.	Undergraduate	Semester 2, 2018	Biological Sciences School	1	1	
Environmental Systems Engineering I: Processes	This course provides an introduction to environmental engineering, including an overview of the Earth's carbon, nutrient and water cycles and how these cycles interact to support ecosystems and the biosphere. Energy and mass balances and basic chemical engineering skills are applied in analysis of major environmental issues worldwide (including population and urbanisation issues; resource depletion; climate change, air and water pollution; biodiversity and sustainable development) and the connections between these environmental problems and the core cycles which sustain life are investigated.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1	1	

Industrial Wastewater & Solid Waste Management	Design of sustainable technologies for liquid & solid waste management: conventional domestic wastewater treatment plants, sanitary landfills & destruction processes for hazardous wasters; advanced reuse technologies, including wastewater nutrient removal, energy recovery from liquid & solid wastes; product recovery from oily wastes, solvents & abattoir wastes.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1	1	
Advanced Water Technology and Management	(First offered 2013) This course covers engineering principles and practices associated with water treatment, and their application and impacts in the context of the full water cycle. Students are introduced to water recycling and purification, water supply and ground water management, wastewater treatment technologies and effluent management are introduced in the context of international best practice for sustainable use of water resources. Students will learn skills for design of sustainable technologies for liquid waste management, including conventional domestic wastewater treatment plants; advanced reuse technologies (including wastewater nutrient removal and energy recovery); and product recovery from industrial wastes, and learn to assess the designs using multiple criteria, including cost, effectiveness, energy usage, greenhouse gas emissions, eutrophication potential and water and nutrient cycle impacts.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1	1	
Sustainable Bioresource Engineering	This course deals with the limited size of the resource pool and the impact humans are currently having on these pools. Students will develop the fundamental skills to analyse and engineer biological processes to produce desired commodities such as transport fuels, proteins, plastics and concentrate metals for harvesting and re-use. In order to analyse these bio processes, an understanding of metabolic pathways for bacteria, archaea and photosynthetic organisms are required. Mass and energy balances are applied to analyse various applications of biotechnology that move us towards the goal of sustainability.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1	1	

Environmental Issues and Sustainability in Engineering	Engineers, professionally and as members of society, encounter environmental issues either directly or by way of regulations and workplace practices. They are also at the forefront of designing and implementing many of the changes needed to manage impacts and lead to sustainable development. This course is an introduction to the more significant environmental issues and associated sustainability challenges with a focus on implications for engineers in practice. Topics include: population & urbanisation issues, climate change; waste management, biodiversity; air, water & noise pollution and principles of sustainable and water sensitive urban design. Through these topics students are introduced to the monitoring & assessment of environmental data; and project-based investigation of issues is used to encourage deeper exploration of several topics.	Undergraduate	Semester 1, 2018	Civil Engineering School	1	1	
Groundwater & Surface Water Modelling	Principles of model development & solution for environmental systems (e.g. atmospheric pollution, river & estuarine water quality, soil- & ground-water flow & contamination); dispersion in the environment; lumped & distributed parameter models; model calibration & sensitivity analysis.	Undergraduate	Semester 1, 2018	Civil Engineering School	1	1	
Environmental Risk Assessment and Management	Within the civil and environmental engineering field many projects are managed within a risk assessment framework. This course is a simulation of the planning phase of a development, taking into account safety to workers and the surrounding community; and the environmental and social impact of the plant. Students will apply risk assessment principles to reduce impacts from potential accidents and chronic emissions to acceptable levels, for those in the development and to the broader community and environment. Students will develop the capacity to formulate strategies that demonstrate a given development scenario will be compliant with relevant safety and environmental legislation and implement best practice principles.	Undergraduate	Semester 1, 2018	Civil Engineering School	1	1	

Sustainable Built Environment	This course develops the scientific and engineering skills necessary to design energy-efficient and sustainable buildings and built environments. The course covers fundamentals of heat and mass transfer within and through the building envelope, active and passive modifiers (including green roofs and walls) and exchanges with the surrounding environment. Sustainable approaches to supporting transport and water and waste infrastructure in the context of the building set within a precinct will also be studied. Current sustainability certification schemes are presented and discussed critically (e.g., Green Star, LEED, BREEAM).	Undergraduate	Semester 1, 2018	Civil Engineering School	1	1	
Wind Engineering	Wind is ubiquitous in our daily lives. It loads the structures we live and work in, it transports pollutants through the atmosphere, and increasingly is becoming a dependable source of renewable energy. This course details the multi-faceted nature of wind in modern society and provides students with the tools to assess wind and its interactions with the built environment. The course will broadly cover, wind climate and resource assessment, environmental wind engineering, and structural wind engineering. Specifically it will cover topics including; wind measurement techniques, statistical analysis of wind records, atmospheric boundary layer meteorology and models, turbulence, wind flow around and through buildings, wind loads on structures, wind-induced vibration and experimental and numerical wind modelling techniques.	Undergraduate	Semester 1, 2018	Civil Engineering School	1	1	

Advanced Sustainable Built Environment	Engineering a sustainable built environment (e.g., buildings, precincts, cities) requires the ability to quantify a wide range of physical, chemical and biological processes governing sustainable performance. This course develops appropriate skills to model transport of energy and mass in the built environment. Specifically students will learn how to dynamically model flows in the context of: (1) urban air and water quality, (2) heat and mass exchanges between a building and the surrounding environment (including ground heat exchange), and (3) waste management. Students will be introduced to the critical assessment of sustainable performance from a `cradle-to-grave? perspective, including the role of quantitative methods. Approaches to assessing sustainable performance of a range of existing and emerging construction materials are also critically reviewed and applied.	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	1	1	
Participatory Development Communication	Participation has become an important dimension of development as a way to attain sustainable and equitable outcomes. Effective stakeholder identification and involvement in all stages of development planning, implementation and evaluation are key to assure the effectiveness of change processes and the sustainability of impact. This course explores the principles and practices of participatory development communication through interactive seminars, a group assignment including real world practice, and an individual case study review. It will give specific attention to intercultural communication skills and methodological implications when applying a participatory approach in development planning, implementation and evaluation. This course is a compulsory part of the Communication for Social Change field of the Master of Communication, and of the Master of Leadership in Global Development.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	1	1	
Landscape Ecology	Explores the relationship between spatial patterns and processes in an ecological context through understanding of the landscape mosaic and landscape elements, how these are affected by natural & human environmental change, & in the context of conservation management. Field Trips: Additional fees may be payable.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1	1	

Conservation & Wildlife Biology	This course provides a core baseline in conservation science and conservation biology in the context of wildlife conservation, discussing human wildlife-conflict, the processes for identifying threatened species, spatial conservation prioritisation and genetic considerations in biodiversity and wildlife management, providing hands-on experience in designing and undertaking applied conservation research using novel field techniques and approaches	Postgraduate Coursework	Semester 2, 2018	Biological Sciences School	1	1	
Landscape Ecology	The course introduces concepts of scale & hierarchy theory; models in landscape ecology; landscape ecology metrics; & fractal landscapes. It provides students with practical skills to increase employment prospects & complements the knowledge & skills of CONS6009. Field trips: Additional fees may be payable.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1	1	
Major Research Project & Seminars	Research project & attendance at seminars on a chosen topic under the direction of a supervisor approved by the Course Coordinator. Students completing the course in a single semester must enrol in CONS7004. Students completing the course over two semesters must enrol in CONS7000 if commencing in sem 1 & CONS7002 if commencing in sem 2.	Postgraduate Coursework	Semester 1, 2018	Biological Sciences School	2	1	
Major Research Project & Seminars	Research project & attendance at seminars on a chosen topic under the direction of a supervisor approved by the Course Coordinator. Students completing the course in a single semester must enrol in CONS7004. Students completing the course over two semesters must enrol in CONS7000 if commencing in sem 1 & CONS7002 if commencing in sem 2.	Postgraduate Coursework	Semester 2, 2018	Biological Sciences School		1	

Sampling Design and Analysis in Conservation Science	The modern conservation professional possesses the ability to collect/interpret data, and to understand statistical analysis as presented in research reports. As part of this course you will develop highly important skills in statistical analysis using the R program. The underlying theory and philosophy is explained without recourse to mathematical symbolism. Illustrations draw from a wide variety of studies in conservation biology. These skills will be reinforced and utilized throughout many of the remaining courses in the Masters of Conservation Biology program	Postgraduate Coursework	Semester 2, 2018	Biological Sciences School	1	1	
Conservation Decision-Making	This course focuses on the real decisions that face managers and policy-makers where you will explore how conservation planners identify efficient systems of conservation sites that include a suite of biodiversity targets at a minimal cost. The basic tools of conservation decision making will be introduced: systematic conservation planning, multi-criteria decision-analysis and risk assessment, and you will apply those tools to real and complex conservation problem, bringing together all the elements of the Masters program.	Postgraduate Coursework	Semester 1, 2018	Biological Sciences School	1	1	
Ecology and Management of Invasive Species	Invasive species are species that have moved beyond their natural distributions and are damaging to the environment and native biodiversity. Such species cause enormous problems around the world, and thus understanding why some species become invaders, which invaders cause most environmental damage, and methods of control of invasive species are critical for conservation biologists. This course will cover: relevant theory on invasiveness; examples of a broad range of invasive species, including weeds, insect pests, introduced mammals and marine invaders, and the damage they cause; and the issues surrounding methods used to control these. The course will include field work in central Queensland, plus lectures, readings and assignments.	Postgraduate Coursework	Semester 1, 2018	Biological Sciences School	1	1	

Applied Fauna Conservation	This course is focused on species extinction and risk of extinction, including detecting and assessing species declines, ways to address threats to species persistence on islands and continents (including indigenous management), and the role of museums and systematics in conservation biology. In this course you will learn about indirect and direct methods to detect species, techniques to estimate the abundance and activity of animals, and how these are used in ecological impact assessment, threatened species management and species conservation status listing. The field trip will be at Taunton National Park (scientific) (a park with remnant brigalow forest specifically protected for the conservation of the bridled nailtail wallaby, not open to the general public), and Blackdown National Park (a park with unique plants, unusual landforms, and indigenous heritage and management), in central Queensland.	Postgraduate Coursework	Semester 1, 2018	Biological Sciences School	1	1	
Marine Conservation	This is an intensive course delivered both at St Lucia campus and with a seven day field trip to Heron Island Research Station on the Great Barrier Reef. The course will give you an appreciation of the conservation issues and practices that affect marine habitats, with a particular emphasis on coral reefs. We will cover the main ecological principles relevant to marine conservation including marine landscape interpretation, dispersal, development and population connectivity, regulating processes, key biota, resource use, pollution and the diverse challenges of marine conservation and planning in Australasia. You will learn practical strategies for addressing conservation needs arising from human exploitation and climate change and will develop skills in the conduct of marine surveying, experimental design, coral health assessments, biodiversity measures and fish surveying.	Postgraduate Coursework	Summer Semester, 1	Biological Sciences School	1	1	

Rainforest Conservation	This course provides a comprehensive overview of the ecology of rainforests globally, and a detailed exploration of the issues relevant to their conservation. By using rainforests as a case study, it is intended that students will gain insights into the conservation and restoration of threatened habitats generally. An integral component of the course is a week-long field trip framed around a quantification of the biodiversity values of old growth rainforest versus post-clearing regrowth and restoration. From this, students will produce an assessment item in the style of a consultant's report, emphasising the effective application of real-world skills in research, analysis and communication.	Postgraduate Coursework	Semester 1, 2018	Biological Sciences School	1	1	
Conservation Concerns: An industry perspective	The interdisciplinary study of conservation science underpins the sustainable development and transparency of several major industries. These include industries such as tourism, forestry, fisheries, agriculture and mining. Making use of the broad and well-established network of related industry contacts associated with the conservation scientists in the School of Biological Sciences at UQ, you will be given the opportunity to make direct contact, and engage with conservation practitioners in this course.	Postgraduate Coursework	Semester 1, 2018	Biological Sciences School	1	1	
Conservation in Context	The major aim of this first course is to present some real-life conservation challenges that include cases of industry, tourism, conservation and local communities working together. As part of the experience you will be collecting data that will be used to learn how geographical information systems (GIS) techniques can be used to address conservation issues.	Postgraduate Coursework	Semester 2, 2018	Biological Sciences School	1	1	
Environmental Economics	Markets, market failures & externalities; economics of environmental pollution problems; economic measures for pollution control & environmental regulation. Environmental change, economic growth, natural resource depletion & population growth.	Undergraduate	Semester 1, 2018	Economics School	1	1	
Economics of Natural Resources	Market allocation, economic efficiency & economic policy in relation to natural resource capital stocks; case studies drawn from exploitation of mineral, energy, fish, timber & recreational resources.	Undergraduate	Semester 1, 2018	Economics School	1	1	

Ecological & Environmental Economics	Selected issues such as market failures, externalities, pollution control, species preservation, natural areas, sustainable development, common property resources, global environmental & natural resources, conservation of renewable & non-renewable resources; evaluation techniques.	Postgraduate Coursework	Semester 2, 2018	Economics School	1	1	
Natural Resource Economics	Applies economic theory to analyse efficient & sustainable use of natural resource stocks.	Postgraduate Coursework	Semester 1, 2018	Economics School	1	1	
The Economics of Climate Change	This course has a number of objectives; to outline the problem of climate change, to discuss and compare the theoretical economic solutions to combating climate change, to present existing climate change mitigation actions in an economic context and to discuss possible future climate policy issues.	Postgraduate Coursework	Semester 2, 2018	Economics School	1	1	
Renewable Energy Integration: Technologies to Technical Challenges	(Offered even years only.) Covers renewable energy technologies around the world; current grid codes and standards and the major issue of intermittency; key technical challenges associated with renewable energy integration and ways to overcome them.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1	1	
Climate Science and Policy	This course explains the physical science of climate change, with discussion of climate models, projections and impact scenarios. Australian and international climate policies will be presented and their implications for transitioning to a low carbon society will be explored. Students will gain a deeper understanding of potential mitigation responses, vulnerability assessment, and adaptation strategies for organisations and communities both in Australian and beyond.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1	1	
Energy and Development	This course examines the fundamental importance of energy transitions for achieving sustainable development. During the course, students will explore a variety of global change issues including resource depletion, population, consumption, security and conflict and investigate the ensuing implications for energy. With a focus on both the developed, fast developing and developing countries by applying a range of legal, political, regulatory and behavioural frameworks, the course examines mechanisms required to achieve a transition towards a low carbon future.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1	1	

Low Emission Technologies and Supply Systems	This course examines current and emerging technology options to manage and reduce energy consumption, improve efficiency and lower emissions to mitigate climate change. Key low emission power generation technologies and their costs, benefits, challenges, risks and associated supply systems will be examined, including advanced power cycles, Carbon Capture & Storage (CCS), gas, cogeneration and oil production. The course provides students with a broad understanding of the challenges required in transitioning from a carbon intensive fossil fuel based energy system.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1	1	
Energy Efficiency and Transport	This course investigates the role that energy efficiency, behaviour change and low carbon solutions can play in changing energy consumption and transport behaviours to reduce greenhouse gas emissions. Topics include energy efficiency and conservation, sustainable energy use, demand management, and behaviour change options across the built environment and transport sectors.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	1	1	
Environmental Management Principles and Approaches	An examination of the multidisciplinary nature of environmental issues, their understanding and their management. International and national case studies of environmental issues relating to conservation biology, sustainable development, conservation and natural resource management and resource and environmental economics. The contribution of biophysical science, social science, economics and law to addressing environmental issues.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1	1	

Critical Analysis in Environmental Management	This course will develop students' capacity to critique and evaluate a range of information sources (including peer-reviewed science, government and consultancy reports, media, internet and advocacy sources) in environmental management. The course will develop students' capacity to report on and communicate environmental management issues based on a critical analysis of available information. The course is intended to complement the Bachelor of Environmental Management program as a foundation to critical analysis of complex social, political and environmental issues. While the course is designed for the BEnvMan program, other students are encouraged to enrol and participate in this course, but should check with their relevant program advisors.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1	1	
Introduction to Environmental Management	ENVM1501 is an introduction to the complex interaction among social, political, cultural, economic and ecological factors in the field of environmental management. This course is a foundation for the Bachelor of Environmental Management (hons) that provides insight into the range of courses students will undertake throughout the 4 year degree. Importantly ENVM1501 also allows students to see the relationships between different courses and disciplines and how they are required for successful environmental managers. This course offers a philosophical framework necessary for modern environmental managers to deal with and approach the complex reality of their field. It also places emphasis on thinking about environmental issues and opportunities in a holistic and interdisciplinary way. Although aimed at first year Environmental Management students this course is also undertaken by a range of students in different programs at UQ and from overseas, and therefore it is also a good foundation for anyone interested in environmental management.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1	1	
Ecological Economics	Introduction to economic concepts, models and decision tools for use in managing the economy-environment system. Application to issues such as common pool resource management, pollution control, biodiversity conservation, and climate change.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1	1	

Marine & Coastal Environmental Protection	Introduction to international & Australian approaches to conserving biodiversity values, ecological processes, products, goods & services in coastal zones. Emphasis placed on planning & management of marine & coastal protected areas in a regional context.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1	1	
Sustainable Development	Our world continues to face difficult and confronting issues relating to our past and present development pathways. This course thus provides foundational knowledge of the principles of sustainable development as a possible way to balance social equity, environmental sustainability and economic needs. This course draws on numerous case studies from around the world to illustrate the complexity of sustainable development issues and their implicit trade-offs.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1	1	
Sustainable Consumption and Production	The production and consumption of goods and services is central to many of the sustainability problems currently faced by our society. This course introduces students to consumption patterns and production processes using a life cycle perspective and examines why they can be unsustainable. It then examines the various strategies employed to bring about more sustainable production and consumption; on the supply-side and the demand-side. These include Life Cycle Assessment, Cleaner Production, renewable energy systems, and communication of environmental information. Emphasis is placed on providing examples of practical applications for a range of production systems- manufacturing, food supply chains, energy generation, etc. Students will gain skills in identifying and critically evaluating solutions for real-life sustainability problems.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1	1	
Resource Management & Environmental Planning	Introduction to resources & management systems; sustainable development - history, concepts & applications; framework & process of planning with a focus on local & regional levels; integrated landscape conservation; protected area planning and management; land tenure & property rights; communicating conservation; discussion forums, analytical studies, applications & project work.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1	1	

Fire Ecology & Management	This course will be offered as ENVM3215 from 2019 onwards In depth knowledge and practical skills required to manage fire. Aspects of fire behaviour, fire suppression, prescribed burning, fire ecology and management planning.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1	1	
Carbon & Energy Management	This course studies contemporary carbon and energy management issues and practices in both global and regional contexts. Students will develop skills in a series of important carbon and energy management tools. Students will participate in a range of practical learning exercises including, developing a carbon footprint, conducting an energy audit, appraising emissions abatement activities, designing carbon offset projects, and participating in an emissions trading simulation game. The course teaches students how to manage the risks and take advantage of the opportunities arising from various international and Australian climate change mitigation and energy industry legislation (including the Australian National Greenhouse and Energy Reporting Act; Clean Energy Act (Carbon Pricing Mechanism), Carbon Credits Act (Carbon Farming Initiative) and Energy Efficiency Opportunities Act). The course also includes guest presentations from industry experts.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1	1	
Principles of Wildlife Management	Principles of wildlife management, social context, modes of population growth, ecological principles on which wildlife management relies, management of pests & critically endangered populations, adaptive management.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1	1	

Industry Placement (Environmental Management)	A compulsory course in the Bachelor of Environmental Management program, where students are required to complete a minimum of 270 hours of placement in an organisation external to the University. Students will work with their placement provider to develop and complete a specific project which is both meaningful to the organisation and of sufficient technical content to meet the academic requirements of the course. This project will allow students to gain practical field-related experience while developing and enhancing skills in report writing and project management. The industry placement course is a cornerstone in the Bachelor of Environmental Management degree, allowing students to apply what they've learned in their studies and providing them with academic direction heading into the final year of study. Students also gain insight into their career goals while acquiring skills sought by today's employers. In return, placement providers benefit from access to highly motivated students who can focus on a specific project and provide a cost-effective injection of fresh ideas to the organisation.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	3	1	
Regulatory Frameworks for Environmental Management & Planning	An introduction to the fundamentals of environmental and planning regulation in Australia and Queensland aimed at teaching essential knowledge and practical skills to environmental managers and planners. Topics covered include regulation of: planning & development; mining & petroleum; coal seam gas; vegetation management; nature conservation & protected areas; water management; environmental harm & pollution; contaminated land; climate change; and ethical obligations in professional practice. Professional skills taught include writing and assessing a development application.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1	1	

International Regulatory Frameworks for Climate Change & Environmental Management	A course examining the major international environmental treaties since 1945 set within their political and historic context. The topics covered include the treaties addressing whaling, international trade, Antarctica, World Heritage, Ramsar wetlands, marine pollution, law of the sea, international fisheries, ozone depletion, biodiversity conservation, and climate change. The major assessment item is a research paper to develop skills in evaluating and improving the effectiveness of the implementation of environmental policy.	Undergraduate	Summer Semester, 2	Earth and Environment Sc Schl	1	1	
Field Excursion (Sustainable Development)	This course involves a 14 day residential study tour, based in far north Queensland to be undertaken during the June/July mid-year break. The course is designed as a key cohort experience for Bachelor of Environmental Management (Sustainable Development) students to explore a range of issues related to sustainable development and environmental management. The course provides an opportunity for students to explore and apply foundational concepts within this field of study (covered in courses such as ENVM1501, ENVM2100 and others), in an intensive and enriching environment. The study tour is based around themes, and students are encouraged to make connections across and between themes at a local and global scale. Additional fees are payable. In the event that students complete the fieldwork and then subsequently withdraw from this course without financial liability, the School reserves the right to charge full cost recovery for this fieldtrip.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1	1	

Climate Change and Environmental Management	This course will cover the causes and effects of climate change and how, through informed environmental management responses, the risks that global warming presents to the environment and society can be effectively managed. The course will present the principles and practices of climate change risk and vulnerability assessment and climate change adaptation planning and evaluation, supported by effective stakeholder engagement practices. This course builds upon current knowledge of the causes and consequences of natural climate variability, and global warming induced by human activity using a wide range of examples from around the world. Policy development and implementation globally and in several national contexts will be examined in relation to both climate change adaptation and mitigation of greenhouse gas emissions. Students will be challenged to articulate effective approaches to understanding and presenting climate change risk to environmental, social and economic assets, and development of environmental management responses that protect those assets and build resilience to globally and locally-induced impacts.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1	1	
Coastal Processes & Management	Analysis of coastal processes, land forms, physical & biological phenomena. Coastal zone management. Relationship between process, form & management. Resource management in coastal environments. Australian & international case studies.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1	1	
Catchment Processes & Management	Catchments form the natural landscape divides that partition water and nutrients, and therefore determining their availability for ecosystems, agriculture, and societies. This course focuses on the key physical, biological and chemical processes underpinning catchment functions, and how this is altered by human impact and climate change. Appropriate tools for biophysical and socioeconomic management and remediation of catchments are then discussed.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1	1	

Tools for Environmental Assessment and Analysis	Many tools are available to governments, industry and citizens to help them make and implement good environmental management decisions. These include, for example, EIA, environmental risk management, environmental auditing and corporate reporting. This course focuses on the essential techniques and methods and outlines their application to resolving problems of sustainable development. The course involves an investigation of how these tools fit within legislative and institutional frameworks, and trends in the use of particular tools at project, local, regional, national and international scales.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1	1	
Environmental Toxicology and Monitoring	Chemicals are an essential part of our life; but which ones are hazardous, when do they cause harm, what are the effects, and how can we safeguard our environment and health while balancing risks versus benefits? Finding scientifically sound answers to such questions is the mission of environmental toxicology; it combines elements of many scientific disciplines to assess and help manage the sources, fate and effects of chemicals on the environment and humans. This course offers an overview on some of the most important concepts and modern methods applied in this field, integrating basic and applied science throughout lectures, field sampling and laboratory work. The compulsory field trip is held in the mid-semester break and additional fees are payable.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1	1	

Environmental Management in Mining	As mining activity intensifies, so do the impacts of mining and refining processes. The environmental impacts of these processes must be managed carefully to balance stakeholder expectations with financial costs to the mining company. This course provides an introduction to the management of environmental impacts associated with mining and refining activities. Through a combination of lectures, field trips, and practicals, students will learn how to: identify and mitigate potential environmental impacts during mining and refining processes; work collaboratively within a multidisciplinary team to create an environmental management plan; critically assess management plans and suggest improvements; and manage uncertainties (technology, expenses, stakeholder expectations) when developing management plans. Emphasis is placed on case studies to illustrate major themes of the course with real world examples.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1	1	
International & National Conservation Policy	Overview of policy development process as it applies to conservation & environmental management. Conservation policy in both international & national context. (Minimum enrolment required 8)	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1	1	
Protected Area Management	The roles of protected areas in contemporary approaches to conservation and land management. Ecosystems and bioregions as the basis for establishment of protected area systems. Protected area management systems and approaches. Understanding the social and ecological linkages between protected areas and surrounding landscapes and communities. Managing the interactions between protected areas and resident and local communities. Applying the concepts of adaptive management and ecosystem management to protected areas.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1	1	
Natural Resource Management	Exploration of natural resource problems related to energy use, renewable and non-renewable resources, and agriculture and food; integration of ecological, economic, and institutional dimensions; application to management and policy issues at regional, national and global levels.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1	1	

Sustainable Business Practice	Environmental and social information in business strategy and decision processes, societal expectations and community licence to operate, intergenerational issues, business and industry life cycles, value chain analysis, and evaluating eco-efficiency outcomes.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1	1	
Environment and Community	Role of communities in managing environmental resources, including environmental governance, environmental activism, promoting corporate responsibility, Indigenous co-management and citizen science. * There is an optional field trip in this course.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1	1	
Science & the Environment	Principles of scientific investigation and their application to environmental problem solving, including: defining and understanding the broader context of local or regional environmental issues; environmental risk assessment and regulatory compliance; accountability and scientific defensibility in research and the consultancy process; and effective communication of research findings to different audiences. For details, consult the course coordinator.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	2	1	
Environmental Science Project	In the BEnvSc Honours year, participants chose and conduct an independent research project supervised by an academic advisor and possible others from industry or government. This component of the BEnvSc program extends the independence as a scientist and provides the skills to actively design, perform, analyse and communicate research and innovation. It prepares for entry into the workforce or a research higher degree (such as doctorate) by developing advanced skills. The components of the Honours year are (i) identifying a research project and advisory team, (ii) developing a research proposal, conducting the research guided by the advisor team, and preparing a final research report, and (iii) presenting a proposal and final seminar, and seminar diaries.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	2	1	

Marine & Coastal Environmental Protection	Introduction to international & Australian approaches to conserving biodiversity values, ecological processes, products, goods & services in coastal zones. Emphasis placed on planning & management of marine & coastal protected areas in a regional context.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1	1	
Applied Research Methods	Introduction to broad range of research techniques relevant to environmental managers. Research process, types of research, research validity and reliability, survey research and questionnaire design, sampling, quantitative and qualitative analysis, decision making techniques (e.g. cost-benefit analysis; multi-criteria analysis) and ethics in research.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1	1	
Foundations of Sustainable Development	Our world continues to face difficult and confronting issues relating to our past and present development pathways. This course thus provides foundational knowledge of the principles of sustainable development as a possible way to balance social equity, environmental sustainability and economic needs. This course draws on numerous case studies from around the world to illustrate the complexity of sustainable development issues and their implicit trade-offs.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1	1	
Sustainable Consumption and Production	The production and consumption of goods and services is central to many of the sustainability problems currently faced by our society. This course introduces students to consumption patterns and production processes using a life cycle perspective and examines why they can be unsustainable. It then examines the various strategies employed to bring about more sustainable production and consumption; on the supply-side and the demand-side. These include Life Cycle Assessment, Cleaner Production, renewable energy systems, and communication of environmental information. Emphasis is placed on providing examples of practical applications for a range of production systems- manufacturing, food supply chains, energy generation, etc. Students will gain skills in identifying and critically evaluating solutions for real-life sustainability problems.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1	1	

Regulatory Frameworks for Environmental Management & Planning	An introduction to the fundamentals of environmental and planning regulation in Australia and Queensland aimed at teaching essential knowledge and practical skills to environmental managers and planners. Topics covered include regulation of: planning & development; mining & petroleum; coal seam gas; vegetation management; nature conservation & protected areas; water management; environmental harm & pollution; contaminated land; climate change; and ethical obligations in professional practice. Professional skills taught include writing and assessing a development application.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1	1	
International Regulatory Frameworks for Climate Change & Environmental Management	A course examining the major international environmental treaties since 1945 set within their political and historic context. The topics covered include the treaties addressing whaling, international trade, Antarctica, World Heritage, Ramsar wetlands, marine pollution, law of the sea, international fisheries, ozone depletion, biodiversity conservation, and climate change. The major assessment item is a research paper to develop skills in evaluating and improving the effectiveness of the implementation of environmental policy.	Postgraduate Coursework	Summer Semester, 1	Earth and Environment Sc Schl	1	1	
Coastal Processes & Management	Analysis of coastal processes, land forms, physical & biological phenomena. Coastal zone management. Relationships between process, form & management. Resource management in coastal environments. Australian & international case studies.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1	1	
Resource Management & Environmental Planning	Introductory course addressing resources & systems thinking; sustainable development - history, concepts and applications; role and responsibilities of planning; new regionalism; integrated resource management and protected area case studies; water planning and management; includes discussion forums, analytical studies, mini-research project, and field work.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1	1	

Climate Change and Environmental Management	This course will cover the causes and effects of climate change and how, through informed environmental management responses, the risks that global warming presents to the environment and society can be effectively managed. The course will present the principles and practices of climate change risk and vulnerability assessment and climate change adaptation planning and evaluation, supported by effective stakeholder engagement practices. This course builds upon current knowledge of the causes and consequences of natural climate variability, and global warming induced by human activity using a wide range of examples from around the world. Policy development and implementation globally and in several national contexts will be examined in relation to both climate change adaptation and mitigation of greenhouse gas emissions. Students will be challenged to articulate effective approaches to understanding and presenting climate change risk to environmental, social and economic assets, and development of environmental management responses that protect those assets and build resilience to globally and locally-induced impacts.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1	1	
Tools for Environmental Assessment and Analysis	Many tools are available to governments, industry and citizens to help them make and implement good environmental management decisions. These include, for example, EIA, environmental risk management, environmental auditing and corporate reporting. This course focuses on the essential techniques and methods and outlines their application to resolving problems of sustainable development. The course involves an investigation of how these tools fit within legislative and institutional frameworks, and trends in the use of particular tools at project, local, regional, national and international scales.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1	1	

Environmental Management in Mining	As mining activity intensifies, so do the impacts of mining and refining processes. The environmental impacts of these processes must be managed carefully to balance stakeholder expectations with financial costs to the mining company. This course provides an introduction to the management of environmental impacts associated with mining and refining activities. Through a combination of lectures, field trips, and practicals, students will learn how to: identify and mitigate potential environmental impacts during mining and refining processes; work collaboratively within a multidisciplinary team to create an environmental management plan; critically assess management plans and suggest improvements; and manage uncertainties (technology, expenses, stakeholder expectations) when developing management plans. Emphasis is placed on case studies to illustrate major themes of the course with real world examples.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1	1	
Natural Resource Management	Systems perspective of natural resource management problems; integration of ecological, economic, & institutional dimensions; application to management & policy issues at regional, national & global levels; particular reference to rural resource management.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1	1	
Environmental Problem Solving	The aim of environmental problem-solving is to avoid the complex psychological biases inherent in decision-making and to allow the engagement of multiple stakeholders, incorporate all available information, and ensure that we know exactly what we are trying to achieve, before making a decision. In this course we will outline a structured approach to problem-solving and decision-making from an environmental perspective and present tools for structuring and solving complex environmental problems. This course is a foundational course for environmental management and should change the way you approach problem-solving both at work and at home.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1	1	

Environment & Community	Role of communities in managing environmental resources, including environmental governance, environmental activism, promoting corporate responsibility, Indigenous co-management and citizen science. * There is an optional field trip in this course.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1	1	
Protected Area Management	The roles of protected areas in contemporary approaches to conservation and land management. Ecosystems and bioregions as the basis for establishment of protected area systems. Protected area management systems and approaches. Understanding the social and ecological linkages between protected areas and surrounding landscapes and communities. Managing the interactions between protected areas and resident and local communities. Applying the concepts of adaptive management and ecosystem management to protected areas.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1	1	
Carbon & Energy Management	This course provides an advanced level of instruction and analysis on carbon and energy management principles and practices. The course covers climate policy and reviews the rules, key stakeholders and dynamics of global carbon markets. The course also includes instruction on a number of important carbon and energy management practices, such as carbon foot-printing, abatement and offset project design and appraisal, energy use auditing, alternative energy pathway design and appraisal, and emissions trading.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1	1	

Northern and Tropical Queensland Tour	Natural resource management tour of Central, Northern and Tropical Queensland to provide an appreciation of different management contexts including social, cultural, legal, economic, political and ecological perspectives within which management is conducted. Quota applies due to transport constraints. For further information, and to express your interest in applying for this course, please see the School's website (https://sees.uq.edu.au/student-support/student-field-trips). Additional fees payable. In the event that students complete the fieldwork and then subsequently withdraw from this course without financial liability, the School reserves the right to charge full cost recovery for this field trip.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2	1	
Fire Ecology and Management	In depth knowledge and practical skills required to manage fire. Aspects of fire behaviour, fire suppression, prescribed burning, fire ecology and management planning.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1	1	
Environment & Society	Sustainability & systems concepts; global & Australian climates & land systems; human population & natural resource implications; characteristics of & human impacts on forest, rangeland, farmland, river, coast & city systems.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	2	1	
Environmental Systems	Environmental systems including the atmosphere, hydrosphere and biosphere and their interaction with each other in a wide range of landscape settings using examples from Australia and internationally. Particular emphasis is on the need for, and application of knowledge of the fundamental attributes of environmental systems to mitigate adverse human impacts through an informed environmental management decision making process.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1	1	

Climatology & Hydrology	This course provides an introduction to the physical processes governing the atmosphere (climatology) and water on the earth?s surface (hydrology). The first half of the course will cover atmospheric motion at a range of scales space-time scales, synoptic circulation and weather, and causes of climatic variation. The second half of the course will cover how water is partitioned at the earth?s surface, including rainfall, runoff, infiltration, groundwater, and eco-hydrology. In each part of the course, the importance of understanding climate and hydrology will be highlighted through reference to problems facing the planet where these skills are needed, such as: extreme weather, ENSO and drought, flooding, and water scarcity. This course provides an excellent foundation for further study in geography, environmental management, environmental science, earth science, and engineering.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1	1	
Global Change: Problems and Prospects	This course highlights key problems of both physical and human dimensions of global change and analyses their origins, patterns and prognoses for the future. Learning is accomplished by lectures, readings and participation in class debates on major issues. Extensive use of contemporary sources (print and television current affairs, news reports and commentaries etc) can be anticipated.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1	1	
Plants, People and the Environment	This course will examine how human activity and/or natural climatic variability has shaped the vegetated landscapes of the planet. Key aspects will include: Palaeoecological and archaeobotanical techniques; the relative role people and natural climatic variability played in ecosystem change; the geography of food, i.e. how and where our staple crops and livestock arose, their subsequent patterns of dispersal, and the environmental impacts of food production; and the impacts that future environmental change will have on vegetated landscapes. Case studies will be used to illustrate these topics from a variety of Australian and international contexts.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1	1	

Water & Land Resource Management	Study of hydrology & land degradation processes within a landscape context; use of this knowledge to apply the principles of sustainable land & water resource use for agriculture, forests, rangelands, recreation areas & urban zones; development of practical land management packages for conservation of land & water resources.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1	1	
Land Use & Management	Any economic development rural, urban or industrial transforms or impacts on our land. Subsequent changes to our land can only be predicted and assessed, benefits maximised and potential damages minimised if the factors that control or influence land use options are understood. The course covers physical, biological, social and economic factors that determine land use, capability, and how these different factors are connected and affect land use decisions. An important aspect of this course is the examination of environmental, economic and social consequences of the use of land for agriculture and other purposes.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1	1	
Natural Resource Mathematics	The biggest challenge facing our planet is how to maintain and manage our natural systems such as fisheries, forestry and biodiversity in the face of habitat destruction, climate change, pollution and over harvesting. In this course you will learn how to apply deterministic differential and difference equation models to real world examples, and how to solve them using numerical methods in MATLAB. You will also learn how to quantify system uncertainties with the help of statistical and probabilistic methods. Students will be taught a range of methods that are employed in industry, research, consultancies and government to model complex natural resource problems. In the process, students will learn how certain fundamental mathematical concepts such as critical points, orthogonality, eigenvalues and singularity recur in different mathematical frameworks with different but, invariably, vitally important physical interpretations.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1	1	

Social Enterprises and Not for Profits	This course provides students with the opportunity to research, discuss and critically reflect upon the existing landscape and impact of social enterprises and not-for-profits. Social enterprises and not-for-profits endeavour to blend two strands of thinking and action: One is the social mission of serving public interest and the community, while the other includes introduction of for-profit business practices. The aim of the course is to enable students (in team work) to identify social impact solutions that are effective in both strands, understand how they work as well as analyse and recommend ways to scale them. Thus, it complements the courses TIMS7329 Social Entrepreneurship in Practice and TIMS7331 Entrepreneurship Incubator that focus on developing new social enterprises from students' social innovations. While the creation of innovative solutions to social or environmental problems remains an imperative task, without a solid understanding of the complexity of social issues as well as the variety and effectiveness of proposed solutions, we risk reinventing the wheel while the potential of existing but unexploited solutions lies bare. As former U.S. President Bill Clinton noted "Nearly every problem has been solved by someone, somewhere. The challenge of the 21st century is to find out what works and scale it up." Furthermore, the aim of this course is to develop a new generation of responsible and mindful business leaders capable of managing the complex challenges faced by business and society in the 21st century.	Postgraduate Coursework	Semester 2, 2018	Business School	1	1	
Sustainable Food Supply Chains	Food Industry Supply Chains: how do we measure, evaluate and manage them?	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1	1	

Decision Making & Reporting for Sustainability	One of the key challenges faced by organisations in dealing with environmental, social and economic sustainability issues is the development of management systems and decision making structures that enable value oriented actions to be taken. This course looks at the need for reporting systems in the context of current and future sustainability challenges and how this can be met by present reporting frameworks.	Postgraduate Coursework	Semester 2, 2018	Business School	1	1	
Sustainability Dynamics	To develop testable business sustainability strategies we need to be able to simulate the interactions between business, society and the environment. This course teaches students how to use system dynamic models for simulating these interactions to evaluate the sustainability of business strategies. The course consists of 10 modules: 1. Sustainable Business Concepts 2. The Science of Sustainability 3. Business Models for Sustainability 4. Business Sustainability Dynamics 5. Case Studies in Energy 6. Case Studies in Greenhouse Gases 7. Case Studies in Water 8. Case Studies in Food 9. The Food, Energy, Water, GHG Nexus 10. Strategies for Sustainability	Postgraduate Coursework	Semester 2, 2018	Business School	1	1	

Private Sector and Development	To meet the UN's ambitious Sustainable Develop Goals by 2030, we need to increase the role of the private sector in global development, to unlock additional investment and to reach real scale. Neither the market nor aid can solve global poverty and environmental problems; we need enterprise-led innovations that lead to positive change, and new collaborations that cross public, private and civil society divides. The private sector has long contributed to international development, through employment, contracting, foreign direct investment, and contributing to government revenues. Increasingly, the private sector is being encouraged to move beyond these conventional contributions and more actively contribute through innovative inclusive business models, including social entrepreneurship, `human-centred design', and blended-financing arrangements. More companies are now building and rebuilding their business models and brand around social good, which sets them apart from the competition and augments their success. These companies are searching for commercial and development synergies through 'shared value'. They are increasingly confident that profitable business can also sustainably alleviate social problems. Improving the private sector's development contribution involves understanding how and where core business, supply chain and business relationships have a development impact. We must also understand private sector's adverse impacts, so that businesses 'do no harm'. This course will prepare students to explore the potential of the private sector in different development 'contexts'; opportunities and barriers for enhancing the private sector's role in eradicating poverty; and innovative collaborations across the public, private and not-for-profit sectors. Students may be working within private sector organisations or within government or non-government agencies that are partnering with the private sector to harness positive development impact.	Postgraduate Coursework	Semester 1, 2018	Humanities and Social Sciences	1	1	
Mine Waste Management & Landform Design	Philosophy of mine waste disposal & rehabilitation; overview of Australian & international regulations. Physical & chemical nature of mine wastes; disposal of mine wastes; geomechanics of mine waste disposal & rehabilitation; rehabilitation of mine wastes; risk assessment & remedial measures.	Undergraduate	Semester 1, 2018	Civil Engineering School	1	1	

Sustainable Management of Risk in Industry	(Minimum enrolment quota of 5 students.) This Sustainable Management of Risk in Industry course covers the principles and application of risk management methods to help industry achieve a range of objectives including operational performance, human well-being, environmental impact and stakeholder-related objectives. Students will be expected to identify, demonstrate and critique the use of some risk management methods. The goal will be to provide students with the knowledge that allows them to apply risk management principles all facets of a business in ways that deliver overall system performance improvements.	Postgraduate Coursework	Semester 2, 2018	Sustainable Minerals Institute	1	1	
Sustainable Development in the Resources Sector	An introductory course about Sustainable Development (SD) as it relates to the resources sector. The course covers SD history and theory, drivers to adopt SD principles in the resources sector, industry responses to SD, SD in varied operational settings, including small and mid-tier mining companies, assessment and measurement of SD initiatives at mine operations. Assumed Background: Students are assumed to have a basic knowledge of the nature of the modern resources sector and its operations.	Postgraduate Coursework	Semester 1, 2018	Sustainable Minerals Institute	1	1	
Sustainable Development in the Resources Sector - Tools and Integration	This course provides students with the skills to apply SD tools in the resource sector and examines the connectivity and pathways that these tools provide across the range of disciplines and their integration into, and practical use, when applied to the resources sector and research projects.	Postgraduate Coursework	Semester 1, 2018	Mech & Mine Engineering School	1	1	
Environmental Philosophy	An introduction to ethical issues raised by relationships between humans and their environment. Topics include the value of wilderness and biodiversity, animal rights, obligations to future humans and nonhumans, the ethics of species extinction and the limits to growth.	Postgraduate Coursework	Semester 2, 2018	Historical & Philosophical Inq	1	1	
Principles of Weed Science	Provides a comprehensive introduction to weed science with special emphasis on weeds of Australia and their management measures. Whilst this course is listed as located at Gatton, St Lucia students are encouraged to enrol. Lectorials will be recorded and published via Blackboard.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1	1	

Plant Protection	Advanced biology & diagnostics of major pest groups. Pest monitoring including pest & crop sampling & evaluation; development, implementation & analysis of pest management information, professional services, duty of care and ethics.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1	1	
Principles of Integrated Plant Protection	An understanding of the philosophy that is integrated pest management & its role in the development & implementation in crop production systems. Application of this approach to the development of sustainable production systems.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1	1	
Plant and Environmental Health	An introduction to the identification and management of pests in cropping and conservation areas. The course aims to provide an understanding of the best strategies for the management of these problems through the developmment of integrated programs.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1	1	
Plant Protection	Advanced biology & diagnostics of major pest groups. Pest monitoring including pest & crop sampling & evaluation; development, implementation & analysis of pest management information, professional services, duty of care and ethics.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1	1	
Weed Science	Provides a comprehensive introduction to weed science with special emphasis on weeds of Australia and their management measures. Whilst this course is listed as located at Gatton, St Lucia students are encouraged to enrol. Lectorials will be recorded and published via Blackboard.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	2	1	

Environmental Politics & Policy	This course was previously offered as the Level 2 POLS2115. Please note: the course Levels are not interchangeable - if the course is completed as a Level 2 it cannot be credited as a Level 3. This course explores contemporary challenges in environmental politics and policy, and probes responses to these, using a range of methods and approaches. We will work collaboratively on developing in-depth analyses of prominent contemporary concerns, from climate change through biodiversity issues to contestations over extractive industries, and questions of sustainable development. The course will be run in the format of weekly two-hour workshops, comprising short introductory `mini-lectures? (15-20 minutes), in-class research sessions, task-based group work, and plenary conclusions. Our focus is on combining advanced learning about cutting-edge theories and methods in political analysis with producing substantive analyses of policy and political problems and challenges based on extensively researched case-examples. The latter will cover local, national, international, and transnational instances. Please note that this course, due to its adopted format, will not have lectures recorded and requires a commitment to attending weekly classes.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	1	1	
Introduction to Environmental Health	This course aims to provide students with an understanding of environmental health. Graduates will gain an understanding of how physical, chemical and microbiological hazards in various environments impact on human health and how these risks are managed.	Postgraduate Coursework	Semester 2, 2018	Public Health School	1	1	
Environmental Health	The aim of this course is to introduce students to Environmental Health. Graduates will be equipped with an understanding of biological, chemical and physical hazards, and how to assess and control the risks they pose.	Undergraduate	Semester 1, 2018	Public Health School	1	1	
Sustainable Real Estate Management	Management of residential and commercial real estate. The role of the property or corporate real estate manager in the delivery and maintenance of environmentally sustainable buildings. Performance measurement of buildings and green rating systems. Workplace design for corporate productivity.	Undergraduate	Semester 1, 2018	Business School	1	1	

Sustainable Building Construction Management and Economics	Construction techniques for domestic and commercial projects, building economics and time management, procurement methods, contract administration and sustainable development.	Postgraduate Coursework	Semester 1, 2018	Business School	1	1	
Sociology of the Environment	Focuses on the ways people in developed and developing nations identify and define environmental issues. It discusses the types of social action that are occurring in an effort to address the problems of environmental degradation. Topics include: the 'Green Revolution' in developing nations, environmental discourses, 'green' production, the environmental movement, the role of technology, and the prospects for ecologically sustainable development.	Undergraduate	Semester 2, 2018	Social Science School	1	1	
Corporate Sustainability	Achieving corporate sustainability is a challenge that increasingly occupies the attention of senior executives and key stakeholders of twenty-first century organisations. The path forward is protracted, noisy and tough, but provides opportunities for those corporations that see value inherent in the emerging ethos of sustainability. This ethos is already apparent in increasing pressures on corporations from governments, shareholders and political interest groups to change wasteful and destructive practices. This course focuses on how organisations can develop effective value-creating strategies in relation to sustainability. Topics include an introduction to the science behind sustainability, a closer examination of the moral, legal and business case behind action on sustainability, as well as the development, assessment and implementation of strategies to create sustainable value. The course discusses different change strategies - incremental and transformational - required to shift organisations towards sustainability, as well as the role played by senior executives, managers and other stakeholders as change agents for sustainability.	Postgraduate Coursework	Semester 1, 2018	Business School	2	1	
Strategies for Business Sustainability and Innovation	This course examines the innovation strategies that Business introduce to deal with issues associated with sustainability and climate change. The course looks at the emergence of new clean technologies - their applications in industry environments and theprocesses by which businesses translate this knowledge into competitive advantages.	Postgraduate Coursework	Semester 2, 2018	Business School	1	1	

Social Entrepreneurship in Practice	This course introduces students to social innovation and entrepreneurship via hands-on applied learning. An overarching theme is teaching students blended value business models, which involve knowing how to create both social and financial value at the same time. Key emphases are on how to create positive sustainable social impact while also turning a profit. Students will form teams around a social opportunity of their passion and then be given the skills to further shape, evaluate and execute their project. Students are taught a discovery-driven approach to finding the right opportunity for innovation and entrepreneurship. Students must devise innovative solutions to their social opportunity and learn how to design it in a way that could transition into a viable and sustainable, financially self-sufficient business. Assessment in the course is based on the demonstration of course-taught practical skills, ability to make a financially sustainable social impact, and reflective learning-from-experience skills. The personal and professional development focus of the course culminates in an Awards Day which recognizes the commitment and passion of outstanding individuals and teams.	Postgraduate Coursework	Semester 1, 2018	Business School	1	1	
Social Entrepreneurship	This course is for those students looking for practically-based, ground-up business learning that focuses on creating both social and financial value at the same time. Students are directed as to how to create social entrepreneurship opportunities of their passion and attract other students to form project teams. An overarching theme is teaching students how to integrate a social impact model with a business model. Students are taught a discovery-driven approach to finding the right social entrepreneurship opportunity. Students must devise innovative solutions to their social opportunity and learn how to design it in a way that could transition into a viable and sustainable, financially self-sufficient business. Assessment in the course is based on the demonstration of course-taught practical skills, ability to make a financially sustainable social impact, and reflective learning-from-experience skills.	Undergraduate	Semester 1, 2018	Business School	1	1	

Sustainable Tourism	This course introduces the concept of sustainability and its relevance to contemporary society. It examines its application to socio-cultural, economic, and environmental impacts relevant to the areas of Tourism, Hospitality and Event management.	Undergraduate	Semester 1, 2018	Business School	1	1	
One Health: Animals, the Environment and Human Disease	One Health represents the intersection between human medicine, veterinary/animal science, and ecosystems health. It refers to the complex interplay of infectious or toxic agent, various host species, and the environment in mediating the emergence and dissemination of disease. Although not a new idea, the One Health concept has been recently re-invigorated because of its value in understanding and controlling Emerging Infectious Diseases (i.e. Hendra virus or SARS). The majority of these diseases are zoonotic or involve animal interaction, so biological scientists and veterinarians play a key role in this process. However, a true One Health approach requires multi-disciplinary expertise, including sociological, agricultural, ecological and non-technical knowledge and skills. This course provides an introduction to One Health concepts and approaches.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1	1	

Water, Sustainability and Development	Water, Sustainability and Development introduces students to current theory and practice of sustainable development and poverty alleviation, and its application to Integrated Water Management. On completion of the module, you will be able to employ a range of analytical frameworks for understanding the links between water, poverty, gender, power and livelihoods. You will be able to plan and facilitate community consultations and participatory workshops, build governance capability in community-based organisations, and negotiate collaborations across a range of stakeholders. We maintain a strong emphasis on applying analytical frameworks to case studies of actual practice, including sustainable livelihoods framework, gender analysis frameworks, vulnerability and capacity analysis, complex adaptive systems, political economy analysis, and collective impact. By maintaining a case study and problem focus, we draw out the inherently political processes of community participation, deliberation, social learning, and stakeholder and conflict management. We take a participatory learning approach, which places a high value on the knowledge, experience, skills and attitudes that you bring, and tries to find ways to enable you to share them with others.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1	1	
Water Governance and Policy	In this foundation course, students will be introduced to: international governance frameworks; legislative and regulatory frameworks at different scales; water planning; the policy cycle; water allocation and property rights; and equity for marginal groups.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1	1	

Catchment & Aquatic Ecosystem Health	The Catchment and Aquatic Ecosystem Health course provides students with an in-depth understanding of the issues and challenges relating to the sustainable management of aquatic ecosystems. The study of aquatic ecosystem health is a relatively new field that brings together biophysical understandings of how natural systems function with societal goals and human values. A major challenge for society is to satisfy the growing demands for water without degrading aquatic ecosystems and the ecological goods and services they provide. The course will focus on three key components: 1) an understanding of hydrological regimes and environmental flows methodology, including the basic principles relating hydrology to aquatic ecosystems and the design of environmental flows regimes, 2) theory and methodology behind the assessment of aquatic ecosystem health, including the development and validation of cost-effective techniques for the ecological assessment of river health; and 3) principles and practical tools for implementing riparian restoration projects across a range of aquatic ecosystems. A parallel Integrated Water Management project will run through the semester which will develop skills that complement the content delivered in the 1 co-requisite course (WATR7300) and the co-electives offered in semester 2 - WATR7400, WATR7600, WATR7700, WATR7900 and in the summer semester WATR7200 or WATR7800.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	1	1	

Water, Agricultural Landscapes and Food Security	Students will develop an understanding of how land use relates to the water cycle with case studies on agricultural systems and principles of sustainable management from farm to catchment scales. They will be able to converse with agriculturalists as informed water managers. Principles of efficient irrigation water use and conservation of water in dryland systems will be emphasised. The intensification of land use has led to the degradation of ecosystems, so this unit will introduce students to remediation techniques to counter land and water degradation through improved management practice. Peri-urban encroachment on agricultural land use and alternative water sources will be examined. An understanding of agricultural water management and approaches off-site mitigation will support the preparation of students for problem-based learning (PBL) exercises such as catchment management. With a focus on peer learning processes, students will enhance their skills in nexus thinking, interrelating different sectors or interests around water uses, methods of integrating and articulating global and local approaches with a broader vision of the larger scales and interactions, and new, multi-disciplinary and transdisciplinary approaches to existing and future problems. Flexible delivery involves a one week intensive in Perth, Western Australia, including field trips to the Gnangara mound and southwest WA. This course is offered externally during Summer semester.	Postgraduate Coursework	Summer Semester, 1	Chemical Engineering School	1	1	

Collaborative Planning	Collaborative water planning introduces students to participatory methods and evaluation frameworks relevant to water management and planning. This module extends knowledge of social science concepts and the application of social theories to real life scenarios. Planners agree that community input and participation should influence the development of a water resource plan or strategy and find that they need professional development in this area. Skills in fostering collaboration between organisations are also needed. To foster a greater understanding of the role of collaborative approaches, this course will focus on when, and how these approaches are useful.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	1	1	
Total Sustainability Focused Courses						**131**	**0**
Indigenous Australian Issues: Past, Present, Future	Survey of major themes in Aboriginal & Torres Strait Islander Studies from Aboriginal & Torres Strait Island Islander perspectives.	Undergraduate	Semester 1, 2018	Humanities and Social Sciences	2		1
Torres Strait Islander Studies	The course explores a wide range of topics, from the unique geography of Torres Strait to the influences of post-colonial history, the intricate relationship of people to the sea, and the social organisation and social structure of Torres Strait Islander society and culture, past and present. Interwoven throughout out the course are themes of colonisation, identity and cultural perspectives.	Undergraduate	Semester 2, 2018	Humanities and Social Sciences	1		1
Contemporary Indigenous knowledge, thought and philosophy	Aboriginal and Torres Strait Islander approaches to knowledge in a tradition context; interaction between Aboriginal and Torres Strait Islander and Western modes of inquiry; emergence of contemporary Aboriginal and Torres Strait Islander scholarship.	Undergraduate	Semester 2, 2018	Humanities and Social Sciences	1		1
Plant Production Principles and Technologies	This course will introduce students to fundamental plant production principles that underpin agriculture. Students will gain knowledge of major agricultural systems operating in Australia and globally, and understand key concepts in soil, nutrient, water and pest management. Students will also learn about the growing role of technology in plant production, explore grand challenges facing agriculture, and develop quantitative skills to assess plant production practices.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1

Australia's Bio-Physical Environment	This course introduces students to Australia's climate, soils and water resources and to the ways that these three factors interact to dictate the natural ecosystem, and the productive uses to which land can be dedicated. The course focus is on the readily measurable and observable characteristics of the biophysical environment in order to provide students with skills that are applicable across a range of ecological and agricultural settings. The course will address the relative merits and costs associated with resource allocation, use and management in Australia, using water resource allocation (irrigation vs environmental flow) and land use (mining vs agriculture) as examples.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1
Elements of Ecology	The principles, concepts and application of population and community ecology with special reference to major Australian ecosystems in the context of their relevance to agricultural and environmental systems. AGRC1032 replaces AGRC2019 from 2016 onwards.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1
Food for a Healthy Planet	The course addresses a pertinent challenge of humankind: how to feed 12 billion people while maintaining the integrity and function of our planet. The course confronts participants with contrasting viewpoints for a nuanced understanding of the multidimensional aspects of food consumption and production. Course participants will explore the food debate as critical consumers and with view of the science behind innovation of food and food systems, locally and globally. The course challenges participants to map the future of food and agriculture. With an emphasis on scientific discussion, small-group mentoring, scientific literacy and communication skills, and networking with world-class researchers, AGRC1040 delivers an authentic learning experience.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		1

Agronomy	This course will introduce students to the fundamental principles of agronomy and crop production. In both a classroom and field setting, this will include a bigger picture exploration of cropping zones in Australia, and move onto a "ground up" approach of crop production. Topics covered will include importance of healthy soils in sustainable production, tillage, crop selection and rotations, management of soil water and crop nutrition in rain-fed and irrigated farming systems as well as off-site impacts of agriculture. The course should provide students with a good foundation of the key factors driving crop production in cropping and mixed farming businesses.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1
Molecular and quantitative genetics	Genetics underpins the functioning of animals and plants from the cellular to whole animal level. This course explores the principles of inheritance, the molecular basis and importance of genetic variation, and current genetic technologies. It will also introduce the role of genetic variation in evolution and animal and plant breeding. This course is recommended to students of animal science, agriculture, veterinary technology, wildlife studies and biology.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1
Agronomy 2	This course will examine the importance and application of physiology and agronomy in crop production systems. In both a classroom and field setting, this will include exploration of the influence of environment and management on crop growth in sustainable farming systems. This course will cover topics such as farming systems, fertiliser management, crop modelling and climate change, optimising productivity under water stress, rotations, crop selection and production sustainability. There will be a strong focus on being out in the field for practicals which will include a field trip to regional research hubs.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1
Pasture Science	Advanced coverage of important topics in tropical & subtropical pasture science including pasture plant improvement, pasture plant adaptation, yield & ecology of sown pastures, carrying capacity, pasture sampling, role of pastures & fodder crops in sustainable agriculture & livestock production, environmental issues. Practicals & field trips.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1

Agricultural and Resource Policy	Framework to analyse agricultural and resource policies. Role of policy advisor and theories of government regulation. Measuring policy impacts. Analysis of selected agricultural, agri-environmental and resource policies and institutions in Australia and internationally. Global issues in agriculture and agricultural trade.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1
Short International Experience	The development of an understanding & analysis of issues relating to animals & other natural resources in an overseas country including an international learning experience enabling the student to compare & contrast issues between Australia & that country. GRADUATION DELAY NOTE: Student results will not be made available until approximately 2 months after official grade finalisation due to the design of the course. The last piece of assessment will be due approximately 6 weeks after the examination period. Any student who is expecting to graduate this semester will be ineligible until the grades are finalised, postponing graduation until the following semester.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		1
Precision Agriculture	The course will cover the basic principles of spatial variability in the managed landscape and applications of precision agriculture technologies such as global positioning systems, geographic information systems, remote sensing, proximal crop and soil sensors, control tracking and variable rate technology to look at precision measurement, monitoring and management in broadacre, horticulture and rangeland farming.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		1
Agricultural Development in Asia	This course deals with social and economic aspects of agricultural development in Asia, with particular reference to the country visited for AGRC3054 Tropical Agriculture. The course focuses on understanding smallholder farm systems and resource use, processes of technical and institutional change in agriculture, the role of agriculture in poverty reduction, food security, and economic development, and strategies for promoting agricultural and rural development in a globalising world.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		1

Tropical Agriculture	Tropical Agriculture will introduce students to the intensive tropical agricultural systems of Southeast Asia, and Indonesia in particular. The course involves a 2 week study tour to Gadjah Mada University in Java to become familiar with the diverse array of intensive farming systems and rich cultural heritage. The objective is to familiarize students with the agricultural environment, production systems and resources in Indonesia. Students will be able to reflect on the similarities and differences between agriculture in Indonesia and Australia; and they will gain an appreciation of Indonesian culture and society. The course will be assessed by assignment and a seminar.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1
Global Challenges in Agriculture	The course introduces students to major emerging issues affecting policy and practice in the agricultural, agribusiness, food sciences and rural development fields, and equips them to apply their knowledge and skills in a rapidly changing world context. Topics include global megatrends, futuring and foresighting skills, leading into examination of globalisation, food security, climate change, water resources, sustainability and resilience. In combination with the leadership course, students will be encouraged to think of themselves as shaping the future, rather than solely responding to trends. The course will emphasise student directed learning, and case studies. The course will be designed to be equally relevant to students from developing and developed countries.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		1
Principles of Plant Physiology	This course examines plant physiology and relates this to growth and development. The main physiological systems will be examined sequentially and aspects of biology relevant to currently active or promising research areas featured. The course features aspects of physiology that are relevant to the development of plants important to agriculture and horticulture, including weeds. Lectures and laboratory classes will be accompanied with web-based resources.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		1
Agribusiness Value Chain Management	Investigates theory & practice of supply chain formation, management & performance in enhancing competitiveness in a particular market.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		1

Advanced Pasture Management	Advanced coverage of important topics in tropical & subtropical pasture science including pasture plant improvement, pasture plant adaptation, yield & ecology of sown pastures, carrying capacity, pasture sampling, role of pastures & fodder crops in sustainable agriculture & livestock production, environmental issues. Practicals & field trips.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		1
Animal and Plant Biosecurity	Biosecurity refers to the control and risk mitigation of hazardous biological agents. Issues relating to infectious diseases, invasive pests, biological control programs, and intentional misuse of biological agents means that an understanding of biosecurity is an essential competence for those working in the biological disciplines. This course aims to provide students with a fundamental understanding of what constitutes such biological hazards, the theory and practice of avoiding or controlling these hazards, the regulatory framework for managing biosecurity, and opportunities to explore topical examples of biosecurity issues. The course content will re-contextualise and complement material from other course material relating to infectious diseases, epidemiology, ecology and animal and plant science.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		1
Agribusiness Planning and Management	The foundation of this course builds on the basic management functions applicable to most enterprises, with a specific focus on planning. After the foundation phase the focus shifts to applying those concepts to the organisations in the agri sector, including farming enterprises. The course aims to give the students as much exposure to industry as possible through guest lectures and numerous case studies, with a focus on class group presentations.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		1
International Agricultural Development	Agricultural systems and resource use in low-income countries; processes of rural development; the agrarian transition and pathways out of rural poverty; policies for agricultural and economic development in a globalised environment.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		1
Livestock Industries	An introduction to the major animal industries of economic significance in Australia including terminology, genotypes, distribution and production systems utilised. The relevance of each livestock industry in a global context including production and market aspects.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1

Australian Terrestrial Vertebrates	Evolution, taxonomy, distribution, diet & habitat requirements of Australian native & introduced feral vertebrates. The impact that human & introduced species have had on distribution & abundance of native vertebrates.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1
Applied Animal Nutrition & Grazing Management	Regulation of feed intake; requirements of animals for energy, protein, vitamins & minerals; clinical symptoms of nutritional deficiencies & toxicities; ration formulation. Australian rangelands, pasture science & grazing animal management; applied nutrition for dairy cattle, sheep, goats, poultry, pigs, horses, dogs & cats.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		1
Emerging Issues in Animal Bioscience	Examines contemporary local and global influences on Australian domestic animals and wildlife with an emphasis on sustainability and animal welfare.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1
Animal Science & Production	Integration of science, practice & management for animal production of selected species that embraces an environmental awareness. Advanced concepts that explore the boundaries of animal science & production.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	2		1
Anthropology of Current World Issues: An Introduction	This course introduces students to a core set of social and cultural theories in anthropology, anthropological case studies, and anthropological research processes that address contemporary challenges relating to current world issues including environmental problems, displacement and forced migration, global and local Indigenous struggles, health inequalities, and multiculturalism. We explore what anthropologists study, how they do it and what impact that is having in the world. From online ethnography to anthropologists working with the military, from coal seam gas to refugees, from indigenous knowledge to material culture, we survey the breadth of the anthropological imagination.	Undergraduate	Semester 2, 2018	Social Science School	2		1
Anthropology of Current World Issues	Learn to use anthropological ideas to see the world from a range of perspectives and points of view. This course is only available to students in the Virtual Exchange Program.	Undergraduate	Semester 2, 2018	Social Science School	2		1

Medical Anthropology: Local and Global Perspectives	The course is intended to introduce students to the field of medical anthropology. It explores social, cultural and political dimensions of health and illness through an examination of topics such as biomedicine, inequalities and violence, the cultural meanings of health and illness, sexuality and sexual/reproductive health, relationships between patients and healers, global health and medical humanitarianism, the health of Indigenous peoples, mental health, transcultural psychiatry and more.	Undergraduate	Semester 1, 2018	Social Science School	1		1
World Heritage	This course covers the history of World Heritage, details of the World Heritage Convention and evolving Operational Guidelines and analysis of current major issues of policy and practice in the World Heritage sector, with reference to Australasian cultural heritage practice and global case studies.	Postgraduate Coursework	Semester 2, 2018	Humanities and Social Sciences Social Science school	1		1
Genes, Cells & Evolution	Students undertaking this course will examine the fundamental building blocks of life: cells and genes. We will explore the connections between physical processes at the molecular level and whole organism phenotype and identify how cellular, genetic and evolutionary processes affect everyday life.	Undergraduate	Semester 1, 2018	Biological Sciences School	2		1
Evolutionary Perspectives on Modern Society	Evolution has shaped our environment, our bodies, and our behaviours to make us precisely what we are today. The battle of the sexes, the obesity epidemic, violence, deception, antibiotic resistance, the issues we see in the news every day, all make sense in light of our evolutionary history. In this course, you will be provided with the foundations of evolutionary concepts that will help you understand why these issues (and others) occur and if, or how, we can solve them. BIOL1100 will change the way you see the world around you, and give you a deeper understanding of human behaviour, food security and health in today's society.	Undergraduate	Semester 2, 2018	Biological Sciences School	1		1

Australia's Terrestrial Environment	BIOL2001 introduces you to the flora and fauna of the Australian continent. Through lectures and fieldtrips (Brisbane Forest Park, Fraser Island World Heritage Area, Lamington National Park and Australia Zoo), you will examine a range of Australian animals and vegetation types, and learn about Australian climate, soil, and geomorphology, along with those historical factors that have helped shape tthe distinctive terrestrial environment of Australia. The course will also give you a broad understanding of ecological principles and processes that are specific to Australia, and will allow you to critically assess the impacts of human activities on our fragile terrestrial ecosystems. There are additional costs for the field trip.	Undergraduate	Semester 1, 2018	Biological Sciences School	2		1
Biostatistics & Experimental Design	Introduces students to the process of biological research in fields ranging from ecology to genetics. In addition to lectures students will get hands-on experience including generating ideas & hypotheses, through to designing experiments, analysing real data-sets, critiquing published studies & communicating results.	Undergraduate	Semester 1, 2018	Biological Sciences School	1		1
Ecology	Ecology of individuals, populations, communities & ecosystems. Australian case studies & critical analyses of conceptual controversies in ecology, to illustrate ecological debate & the way in which ecological knowledge is advanced.	Undergraduate	Semester 1, 2018	Biological Sciences School	1		1
Ecology Field Studies	Six-day field trip in the June/July recess to Fraser Island. Vegetation & soil assessment in a range of habitats (from Rainforest to sand dunes), behaviour & ecology of various organisms (small mammals, birds, crabs, frogs, lizards, marine, insect-plant interactions. There are additional costs for the field trip. All enquiries for permission to enrol to be addressed to biology.enquiries@uq.edu.au. Preference will be given to students enrolled in BIOL2010 - other students will be considered if places are available. The field trip is offered in the June/July break - not the mid-semester break.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		1

Advanced Biostatistics	Introduces students to the modern processes of biological research ranging from ecology to genetics and molecular biology. In additional to lectures, students will get hands-on experience including generating ideas and hypotheses, through to designing experiments, analysing real data-sets, critiquing published studies and communicating results.	Undergraduate	Semester 1, 2018	Biological Sciences School	1		1
Evolution	"Evolution" provides an overview of the most significant evolutionary transitions in relation to the environmental changes associated with them, details the processes that contributed to these changes & thus develops an understanding of the principles of evolutionary biology. Human evolution is explored in relation to this background & in relation to the evolution of language & disease.	Undergraduate	Semester 2, 2018	Biological Sciences School	1		1
Genetics	The discipline of Genetics has pioneered the core concepts underlying many diverse fields of biology - ranging from medicine, biochemistry and microbiology to ecology, evolution and environmental sciences. BIOL2202 Genetics is therefore a recommended second level subject for all students pursuing a biology-focused major. Employing a strong experimental component, BIOL2202 integrates classical concepts of inheritance, development and variation with modern molecular advances arising from the post-genomic era.	Undergraduate	Semester 2, 2018	Biological Sciences School	1		1
Plant Biology	Plants are integral to our planet. They provide oxygen, habitat, food, energy and materials. Course participants explore the fundamentals of modern plant biology spanning from evolution, ecology, conservation, agriculture to biotechnology. Participants experience hands-on activities, from lectures and discussions, to workshops, practicals and networking with world-class plant biologists. The course focusses on the fundamentals of plant biodiversity from evolution to plant function and adaptation, interactions with beneficial and pathogenic organisms, and plant improvement for human uses. The wide ranging roles and uses of plants are explored in context of future bio-economies, food and a sustainable future.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1

Zoology	The course will cover animal diversity & evolution, from primitive metazoans to vertebrates. It describes the fantastic diversity of animal and life histories in an evolutionary and phylogenetic context. Students will become familiar with body form & function, & life history characteristics of the major groups of animals.	Undergraduate	Semester 2, 2018	Biological Sciences School	1		1
Insect Science	The course introduces students to the unique aspects of insect biology that have produced the tremendous biodiversity of insects on the planet. Students will become familiar with the major groups of insects, their biology & life histories. The reason for the success of insects as a group of animals is explained in terms of their external & internal anatomy, physiology, behaviour, metamorphosis & ecology. The course will be based around 5 thematic modules: (1) Taking to Land & Air, (2) Sexual Adventures, (3) Communities, (4) Global Impact & (5) Identity & Diversity. Please note that this is a self-directed learning course. There are no face-to-face lectures or practicals.	Undergraduate	Semester 2, 2018	Biological Sciences School	1		1
Advanced Genetics	This course is specifically designed for students enrolled in the BAdvSc(Hons) majoring in any of the biology streams. The discipline of Genetics has pioneered the core concepts underlying many diverse fields of biology - ranging from medicine, biochemistry and microbiology to ecology, evolution and environmental sciences. BIOL2202 Genetics integrates classical concepts of inheritance, development and variation with modern molecular advances arising from the post-genomic era. BIOL2902 Advanced Genetics builds on this core curriculum with additional advanced content delivered in the form of a deeper practical experience focusing on the generation of publishable data, enhancing understanding of fundamental genetics concepts while providing a more coherent foundation for third year biology, biochemistry and molecular biology courses.	Undergraduate	Semester 2, 2018	Biological Sciences School	1		1

Arthropods & Human Health	Many insects & arachnids either directly cause medical problems or vector pathogens. Integrates vector biology, principles of monitoring & control, epidemiology, & microbial ecology. Provides a foundation for understanding how resistance, changes in global climate, habitat modifications & expanding populations affect arthropod-borne diseases.	Undergraduate	Semester 1, 2018	Biological Sciences School	1		1
Outback Ecology Field Studies	Field course: 6 days camping at Idalia National Park in Western Queensland, studying ecology of arid zone. This course is held between semesters 1 & 2 but students must enrol in semester 1. Additional costs for field trip. Quota 80 (in total). All enquiries for permission to enrol to be addressed to biology.enquiries@uq.edu.au. Preference given to 3rd year students who have completed BIOL2010 and BIOL2015. 2nd year students will be considered if there are places available.	Undergraduate	Semester 1, 2018	Biological Sciences School	1		1

Tropical Marine Ecosystems	Tropical Coastal Ecosystems include mangrove, seagrass, and coral reefs ecosystems. The complex physical benthic structure of these ecosystems facilitates enormous trophic and ecological partitioning such that a huge number of species from almost all animal phyla are found in these habitats. In addition, they provide essential coastal protection by absorbing a large proportion of the energy stores in waves and stabilising sediment. These ecosystems are, however, under acute risk from decay due directly to human activities. This course will provide knowledge pertinent to 1) the geological history, structure and distribution of the ecosystems, 2) building and sustaining coral reefs in an oligotrophic ocean, and 3) ecological functions of mangroves and seagrass ecosystems. The course will include a field trip to Heron Island Research Station. Due to a limited number of places available on Heron Island, there will be a selection process for the field trip where students enrolled in the Marine Science/Marine Biology major will be given preference and all remaining places will be allocated based on merit using the student's overall GPA as the criterion. Students will be notified of the outcome of the process by the end of the second week of semester 2. All enquiries to enrol to be addressed to biology.enquiries@uq.edu.au.	Undergraduate	Semester 2, 2018	Biological Sciences School	1		1
Current Topics in Plant Science	Advanced topics in plant science spanning plant biotechnology through to plant ecology including an integration of these sub-disciplines. Cutting edge advancements on plant disease, plant molecular biology, plant development, plant improvement, plant ecophysiology & sustainability, including the Australian & international context of global warming, water shortage & nitrogen fertilizer & fossil fuel limitation.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1

Fungi & Plant Diseases	This course is all about identifying, examining & controlling the various microbes that cause plant diseases & which threaten Australian agriculture & native flora & also an understanding of the causes of abiotic disorders. The aim of this course it to provide students with: knowledge in the life cycles of the major groups of plant pathogens; this includes plant pathogens that are fungi, nematodes, viruses & nematodes; Knowledge of abiotic factors that can cause disorders in plant growth; skills in plant disease diagnoses (describing symptoms & identifying the causal agent); knowledge on how to control plant diseases whether through genetic, chemical or by biological control methods; knowledge of the major plant diseases affecting Australian crops & native flora; the ability to recognise the relevance of quarantine regulations in attempts to control incursions of plant diseases.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		1
Plant Biology II	Recent developments in plant developmental & cell biology with emphasis on functional genetics & signalling; important role of meristems as pluripotent stem cells controlling plant morphogenesis, plant energetics and the process of different photosynthesis systems.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		1
Physiological and Integrative Zoology	This course will examine modern approaches in animal ecophysiology, detailing examples from both the laboratory and field, and highlighting the integration of molecular, physiological and ecological techniques. In particular, it will focus on how animals have evolved strategies to overcome the physiological challenges associated with changing and/or extreme environmental conditions. It will pay special attention to the Australian fauna & habitats, including case studies on: freshwater fish and turtles, euryhaline sharks, desert frogs, crocodiles, birds and insects. Students will be introduced to the emerging and exciting field of "Conservation Physiology" that attempts to demonstrate cause and effect of human-induced environmental disturbance on organisms.	Undergraduate	Semester 2, 2018	Biological Sciences School	1		1

Animal Behaviour	Patterns of invertebrate & vertebrate animal behaviour, physiological bases of behaviour, development of behaviour, how patterns of behaviour evolve & how these are studied. Examples will be taken from both invertebrate & vertebrate animals. Evaluate & test hypotheses about behaviour critically. Critique papers from the primary literature & carry out research projects on animal behaviour.	Undergraduate	Semester 1, 2018	Biological Sciences School	1		1
Biodiversity Analysis, Discovery and Systematics	This course examines the processes that drive the diversity and distributions of plants and animals. It will cover topics about the basic units of biodiversity - species - and how new species are discovered, recognised and described. We cover the phylogenetic basis of classification systems, and the different methods used to reconstruct evolutionary history and to test the origin of traits, including those relevant for ecology and adaption. We discuss processes that are thought to contribute to lineage diversity, and how biodiversity has changed through time and over large geographic scales. Case studies come primarily from plants and animals (both terrestrial and marine), but with some reference to other organisms. Examples will largely be drawn from, but not limited to, Australian examples.	Undergraduate	Semester 1, 2018	Biological Sciences School	1		1

Fungal Biology	There are approximately 70,000 described fungal species in the world out of what has been estimated to be a total of between 1-5 and 5 million species. In Australia possibly less than 10% have been described. Fungi exist as saprophytes, pathogens, endophytes and mutualistic symbionts. Along with algae they form lichens and with plants they form the all-important mycorrhizae, particularly essential for plants growing in nutrient depleted soils. Fungi cause 80% of plant diseases in agricultural crops, occasionally leading to crop failure where past incidences have led to humanitarian problems and other major social consequences. They are essential components in drug discovery and pharmaceutical production; most of the current antibiotics have been derived from fungal processes. Industrial uses such as the production of citric acid are dependent on fungal fermentation; the yeasts, essential components in alcohol fermentation and baking, are also fungi. However, as a Kingdom, a higher Kingdom within the Eukaryotes, fungi are often overlooked. This course aims to promote the Kingdom Fungi. You will learn about their classification using both traditional and molecular techniques. You will investigate the environments that you find fungi in and study the role that fungi play in those environments. Fungi are essential in the breakdown of cellulose and lignin so without them the decay and essential recycling would not occur. We will look at some of the industrial and medical applications as well as the nastier side of fungi where they cause disease in plants and animals including humans.	Undergraduate	Summer Semester, 2	Agriculture Food Sciences Schl	1		1

Marine Invertebrates	Biology of tropical and subtropical Indo-Pacific marine invertebrates. We explore structural, functional & life history adaptations of invertebrate body plans to the marine environment to explain ecological and evolutionary patterns of diversity. Quota 50 (in total). All enquiries for permission to enrol to be addressed to biology.enquiries@uq.edu.au. Preference given to third year students who have completed BIOL2204 and who are Marine major students. Students in other majors will be considered on merit if there is space.	Undergraduate	Semester 1, 2018	Biological Sciences School	1		1
Plant Identification and Vegetation Classification	Laboratory and field-based course aimed at developing professional skills in plant identification and community classification. Focus on identification of major plant families and regional ecosystems from South-east Queensland. 1 day field trip.	Undergraduate	Semester 2, 2018	Biological Sciences School	1		1

Macroecology and Biogeography	Biological diversity has puzzled and fascinated evolutionary biologists and ecologists for well over a century. In this course we will explore evolutionary and ecological theories of diversity, while learning core methods for studying patterns of diversity from a variety of angles. Questions we will explore in this course include: Why are species found in some locations and not others? Are the geographic distributions of communities, higher order taxa, species, and alleles predictable by geography, environment, historical contingencies or interactions with other species, or inherent characteristics of species? Macroecology and biogeography are the study of spatial and temporal distributions of organisms, drawing upon the complementary disciplines of ecology and evolutionary biology. In this course, students will consider spatial patterns of biodiversity from global to local scales and considering both terrestrial and marine examples. Students will gain experience using approaches from comparative phylogenetics, community ecology, and landscape genetics to infer underlying causes of extant distributions and project future distributions in a changing world. Weekly learning activities will emphasize student participation, with discussions based on readings from the primary literature and problem solving using state-of-the-field computing. Enrolling students are expected to have basic familiarity with R (and have completed Biostatistics,BIOL2006) and to have completed second Ecology (BIOL2010) or Evolution (BIOL2201).	Undergraduate	Semester 1, 2018	Biological Sciences School	1		1

Fish, Fisheries and Aquaculture	Fisheries and aquaculture represent the largest source of dietary protein and are pivotal in current food security. The science of sustainable management of these precious resources is therefore critical in the global grand challenge of sustainable future food security. This course provides advanced level content in the biology and mathematics of fisheries and aquaculture, including fish reproductive biology and dispersal, mathematical modeling and stock assessment, fish nutrition, health and genetics in aquaculture and fisheries. Students will produce a cohesive, evidence-based scientific discourse on the potential placement of fish and fisheries, both capture and aquaculture, in future global food security and poverty alleviation. For this they will draw extensively on the relevant biological sciences and mathematics and show adaptability and application in a changing economic and ecological framework. Excellent students should be able to demonstrate substantial unexpected extension in their critical analysis and thinking and in how they apply their in-depth knowledge and communicate it to a broader scientifically literate audience.	Undergraduate	Semester 1, 2018	Biological Sciences School	1		1

Analysis and Communication of Biological Data	Communication and Analysis of Biological Data is a practical, skills based course, useful for a variety of science related career paths. The course integrates the analysis and modelling of common types of biological data with effective ways of communicating the results to a range of different audiences. The course builds upon and extends students' knowledge of statistical techniques learned in BIOL2006 and when and how to apply them to biological data. It introduces students to some common mathematical models used in biology to predict complex biological outcomes and uses a hands-on approach to learning the use of R programming for data analysis. Without the ability to communicate results, the effort involved in obtaining them is rendered useless, hence the course has a strong emphasis on learning to clearly articulate statistical methods and results in writing and speaking so they are readily understood by other scientists and non-scientists, such as in industry or government. As well as specifically addressing the challenge of how to write and speak about complex topics such as uncertainty and sampling, this course will equip students with a variety of fundamental writing and speaking skills which will lead to improved performance in communication tasks in other courses and the workplace.	Undergraduate	Semester 1, 2018	Biological Sciences School	1		1
Ecology and Evolution of Animal-Plant Interactions	This course will be first offered in Semester 1, 2017.This course will provide you with knowledge of the key principles and theories underpinning the relationships between animals and plants. It will cover animal-plant co-evolution, the key elements of animal-plant interactions (host selection, herbivore feeding behaviour and strategies, pollination biology), multi-trophic interactions and how these animal-plant interactions underpin much of the world's biodiversity. How these interactions affect animal and plant population dynamics and the management of pest and weed populations will also be covered.	Undergraduate	Semester 1, 2018	Biological Sciences School	1		1

Biosecurity Plant Pests: Invertebrates	This course investigates invertebrate plant pests, their identification and classification, their life-cycle and their host relationships from a biosecurity perspective. The main focus of the course is insects, as they are the most numerous of the invertebrate plant pests; however, nematodes, snails and mites will also be covered. Because of the complexity of invertebrate life-cycles, some of which occur in the absence of the host, a biological understanding is essential for appropriate border inspection and post-border surveillance. Basic management approaches to dealing with invertebrate plant pest incursions are discussed in this course. Students become familiarised with international conventions and standards associated with biosecurity.	Postgraduate Coursework	Semester 1, 2018	Biological Sciences School	1		1
Biologics	The course will cover a variety of topics associated with the discovery, development & production of biologics as human therapeutic agents. The course will provide an in-depth coverage of the technologies & processes associated with biologics production. The course will also have a major focus on the global biologics industry.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1		1
Building Science: Performance and Sustainability	This course provides an introduction to the principles of architectural science (heat, light and sound), materials science (embodied energy and energy transfer), building services (power, sewer and water) and passive design for sustainable building. Students examine the principles of energy, air, water and climate in activities and assignments that also develop skills in the design of environmentally sustainable small to medium scale buildings.	Undergraduate	Semester 1, 2018	Architecture School	1		1
Building Futures: Advanced Structures and Software	This course develops skills in the analysis, synthesis and evaluation of contemporary advances in structural systems, environmental design and construction technologies. Students create integrated and advanced structural, environmental and construction solutions for a studio project through exploratory research seminars and assignments that also develop skills in investigation and innovation suited to future design practice and global challenges.	Postgraduate Coursework	Semester 2, 2018	Architecture School	1		1

Process Principles	Basic principles of process engineering including development of conservation principles applied to mass & energy, illustrated on a small process plant. Construction, operation & analysis of plant & teamwork principles needed to achieve goals.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		1
Fluid Mechanics for Civil & Environmental Engineers	This is an introductory level course dealing with the properties and behaviour of fluids in usual civil and environmental engineering applications. The fundamental principles of continuity, energy and momentum are introduced and applied to applications that include fluid statics, fluid dynamics, pipe flows, similarity laws, fluid loading and unsteady flows. The course provides essential knowledge for the study of natural flow phenomena in rivers, estuaries oceans and the atmosphere. It provides the fundamental theory for design of hydraulic structures such as culverts, spillways, energy dissipators and pipe networks.	Undergraduate	Semester 2, 2018	Civil Engineering School	1		1
Advanced Soil Mechanics	Advanced soil mechanics theory, design, applications & practice. Examination of case studies & geotechnical failures.	Undergraduate	Semester 2, 2018	Civil Engineering School	1		1
Dam and Embankment Engineering	Please Note: this course is only offered in even-numbered years (eg. 2018). Dams and embankments are important civil engineering structures that require geotechnical design, construction and maintenance to satisfy stability and sustainability. The course will cover: 1) the static and dynamic design and application of dams for water-retaining purposes; 2) the design of embankments and subgrades to support road and rail pavements; 3) the design and application of flexible and rigid pavements; 4) analysis of the safety and serviceability of dams and embankments; 5) ground improvement and compaction; 6) analysis of erosion potential within dams and embankments; and 7) selected cases studies.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		1

Advanced Outback Ecology	Field course: 6 days camping at Idalia National Park in Western Queensland, studying ecology of arid zone. This course is held between semesters 1 & 2 but students must enrol in semester 1. Additional costs for field trip. Quota 80 (in total). All enquiries for permission to enrol to be addressed to biologyadmin@uq.edu.au. Preference given to 3rd year students who have completed BIOL2010 and BIOL2015. 2nd year students will be considered if there are places available.	Postgraduate Coursework	Semester 1, 2018	Biological Sciences School	1		1
Economics of Globalisation and Development	Introduces students to issues related to globalisation and economic development in less developed countries.	Undergraduate	Semester 2, 2018	Economics School	1		1
Globalisation and Economic Development	Changing economic development processes in the new globalised, on-line, knowledge-based economy. Case studies will vary from year to year, depending on interests of the Co-ordinator. The East Asian growth experience and other successes will be covered as well as reasons why nations fail.	Postgraduate Coursework	Semester 1, 2018	Economics School	1		1
Introduction to Role of Science and Technology Education in Society	This course provides an introduction to science and technology education in primary schooling. The course reviews the appropriate scientific ideas and practices for these levels of schooling. It builds understanding about how scientific knowledge can be used in current society ranging from personal health and well being to global concerns such as climate change and sustainability. The close link between science and technology forms an underlying theme in the course. The teaching strategies used in the course reflect international best practice and the Australian Curriculum.	Undergraduate	Semester 2, 2018	Education School	1		1

Language in Education Planning	A comparative language education approach to language policy & planning issues, especially those related to TESOL, with a focus on the Pacific basin. The development of standard languages & increasing access to languages of wider communication through increased educational provision has been a major driving force for modernisation & change in this region. A social, historical & educational examination of forces unleashed by language & education provision and how language planning is applied to new issues & problems is provided. This course may not be offered if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 1, 2018	Education School	1		1
Globalisation, Educational Policy and Change	EDUC7111 aims to develop a broad-based understanding of the political, economic, socio-cultural and ethical dimensions of globalization and their effects on education policy and practice. Students will have the opportunity to engage with critical debates and situated case studies from both the `West/Global North' and 'East/Global South'. Topics examined will include the educational needs of mobile populations (eg refugees, asylum seekers, migrants), policymaking processes by states under globalising conditions, the rise of knowledge economies and Asian education hubs, the gendered effects of globalising policies and the limits and possibilities of audit technologies and Anglophone curricula. This course seeks to open up an intellectual space to develop an 'empowered imagination' for the educator. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 1, 2018	Education School	1		1

Teaching Humanities and Social Sciences Curriculum	This course prepares students to teach the Australian History, Geography and Civics and Citizenship curricula in primary schools. It is also designed to give students the knowledge and skills to highlight the general capabilities of critical and creative thinking, social and personal competence, ethical behaviour and intercultural understanding as well as the cross-curriculum priorities of Sustainability and Australia's engagement with Asia. Throughout the course links are made with EDUC7510 Indigenous Knowledge and Education to emphasise the cross curriculum priority of Aboriginal and Torres Strait Islander Histories and Cultures.	Postgraduate Coursework	Semester 2, 2018	Education School	1		1

Global Issues and Social Justice	This course introduces students to different approaches in education to develop a global understanding of the philosophies and issues that inform educational discourses worldwide. The course invites students to critically evaluate theories of education that have led to reform movements across the world, and provides pre-service teachers with a broad theoretical understanding of the role of education in society to support the skills development of concomitant teaching strategies. It critically reflects on major themes of contemporary education and their connections to social justice. In doing so, the course aims to prepare pre-service teachers for cognitive mastery of key educational principles and methods concerning the why, what, and how we educate with a particular focus on recent developments in social justice discourses. It challenges preconceived notions of schooling and education, including a consideration of appropriate learning and teaching practices for students with diverse linguistic, cultural, religious and socioeconomic backgrounds, with particular attention given to Indigenous students. The course offers the opportunity to investigate, analyse and synthesise important foundational, social, civic, legislative and ethical knowledge for pre-service teachers entering the profession in the 21st century, which has seen unprecedented levels of diversity in schools, and invites them to generate and evaluate complex ideas and concepts for their professional practice and scholarship to engage all students in their classrooms.	Postgraduate Coursework	Semester 1, 2018	Education School	1		1

Evidence Based Innovation: From Business Model To Business Plan	This course introduces an evidence-based approach to innovation management to provide students with the capability to understand the strategic value of information and the tools and techniques that can be used to analyse and apply that information to improve decision-making. Students will learn how to apply the most effective tools in developing sustainable business models by exploiting viable, validated opportunities in rapidly changing environments where traditional strategic management approaches are less effective. Course content is based on the Innovation Diamond Model, which has extensive empirical support, and teaches students how to connect the four key processes of innovation strategy, portfolio management, stage gate product/service development process and innovation culture.	Postgraduate Coursework	Semester 2, 2018	Business School	1		1
Electrical Energy Conversion & Utilisation	Generation of electricity. Three phase balanced circuits; magnetic circuits. Transformers. Harmonics. Steady state analysis of dc. Synchronous & induction machines. Special motors. Modern motor control systems. Demand side management. Renewable energy sources. Distributed generation & uninterruptible power supplies.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		1
Electrical Energy Conversion & Utilisation	Generation of electricity. Three phase balanced circuits; magnetic circuits. Transformers. Harmonics. Steady state analysis of dc. Synchronous & induction machines. Special motors. Modern motor control systems. Demand side management. Renewable energy sources. Distributed generation & uninterruptible power supplies.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		1
Engineering Design	Introduction to engineering design through a discipline-specific team project. Students will learn and apply professional engineering concepts and issues including: sustainability, safety, estimation, materials selection, decision making, project management, information literacy, communication (graphics, written, oral), ethics, and prototyping (building). The course provides an introduction to engineering as a profession.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		1

Engineering Design, Modelling & Problem Solving	Introduction to a) engineering design through a disciplinespecific team project b) engineering problem solving through the relationship between theoretical, mathematical and computational modelling for predicting design performance, and c) the properties, and behaviours of engineering materials in design. Students will learn and apply professional engineering concepts and issues including: sustainability, safety, estimation, materials selection, decision making, project management, information literacy, communication (graphics, written, oral), ethics, and prototyping (building). Students will also engage in a major team based multidisciplinary design project to develop first phase virtual and second phase physical prototype solutions. Students will be able to nominate a preference for system behavioural modelling using MatLab simulation software or structural modelling and CNC machining of a system component using Creo computer aided design software. The final system prototype will be physically tested to validate predicted performance in an end of session demonstration. The primary technical learning outcomes will be addressed through a combination of online learning activities and hands on collaborative tutorials and laboratories Students will require good project management, teamwork, information literacy, and communication skills. The course provides an introduction to engineering as a profession. (This course is intended for students who commence the BE(Hons) in semester two. This course spans two semesters and students must enrol in ENGG1211 in both semester two and the following summer semester to receive a final grade for the course. Students who commence in semester one should undertake ENGG1100 in semester one and ENGG1200 in semester two.)	Undergraduate	Semester 2, 2018	Eng, Archi & Info Tech Fac	2		1
Team Project I	Small teams of students undertake design, implementation, testing, evaluation & presentation of specific project of a size & complexity suitable for novice students.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		1

21st Century World Literatures	What is distinctive about post-millennial British and American fictions? This course will suggest it is the commitment to a world in crisis often demarcated by the 2001 attacks on New York's Twin Towers, and their legacy of war, terrorism, and counter-terrorism. The novels we will read address this cataclysm, along with other equally urgent issues from climate change to neo-liberalism and the growing schism between extreme wealth and extreme poverty, to the sociopolitical dynamics surrounding identity, national and gendered, and alterity. Each of the novels we will explore uses the art form in which it is embedded to engage with the past and the present in order to imagine into existence, against overwhelming odds, an ethical future. NOTE: Course offering may be cancelled unless a minimum of 20 students enrol.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		1
Energy Principles and Renewable Energy	This course introduces students to the language of energy and key scientific principles that underpin energy systems. Students are provided with an overview of the energy challenge including supply and demand and future scenarios for 2050. Students will gain a comprehensive understanding of the suite of renewable energy and technology options available.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1		1
Energy Systems	This course provides an overview of a wide range of energy systems including energy production from renewable (solar, wind, hydro, ocean, biomass) and non-renewable (fossil and nuclear) resources in the context of climate change and energy transitions. A range of engineering principles will be consolidated (i.e. mass & energy balances, thermodynamic cycles, process optimisation & power generation) in tandem with the application of sustainable development principles and business perspectives.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		1

Energy Investment and Finance	The course introduces key commercial analysis concepts and decision tools including financial concepts such as cash flows, costs of debt and equity, and rates of return, discount rates, NPV analysis for informing the development of a business case. Students will gain an excellent understanding of investment decision making under uncertainty with the application of these concepts to various energy case studies.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	1		1
Energy Markets, Law and Policy	This course provides an introduction to world energy markets, energy policy and how governments regulate and intervene in these systems. Its context is the rapid transformation that is underway and the key drivers for this. Students will gain an understanding of how various energy markets have changed over recent times and what challenges they bring to energy policy development. Energy regulations, policies and agreements from a range of countries will be examined.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	1		1
Energy Strategy, Innovation, and Entrepreneurship	Strategy is critical to successful businesses. This course examines contemporary business strategies and how organisations create and sustain competitive advantage and performance. Key areas of focus include innovation and entrepreneurship, organisational change, risk management, scenario planning, technology assessment, and management principles. Combining such a range of strategic planning tools and frameworks, it will equip students to understand the processes required for designing successful strategy, restructuring and gain an integrated perspective on innovation and entrepreneurship.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	1		1
Environmental Data Analysis	This course provides a foundation in the advanced quantitative and statistical skills needed for analysing data from environmental studies. The course will cover topics from survey design, regression models, analysis of variance, spatial analysis and non-parametric methods, drawing on a range of practical examples. It will also provide an introduction to statistical computing in R.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1

Cultural Heritage Management	Analysis of cultural heritage in legislative, practical & ethical frameworks. Cultural aspects of environmental management, including site management, fire management, traditional use of parks and natural resources, and interpretation planning. Review of cultural landscapes concept within a broad conservation framework.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1
Participatory Research, Development and Extension Practice	Practice issues in conducting participatory research, development and extension in agriculture, resource management, environmental management and community development. Includes practical methods for professionals working with diverse communities and multi-stakeholder groups. Includes qualitative research, participatory and gender analysis methods, and tools for systems thinking, incorporating cultural differences and facilitating participatory learning. (Minimum enrolment required for internal offering - 8)	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		1
Field Excursion (Natural Systems & Wildlife)	This course involves a 14 day Study Tour through central and northern Queensland held during the mid-year break (June/July). It is designed to examine a range of issues relating to the management of natural and rural systems in tropical and semi-arid environments including - Protected area management, Mining, Endangered species management, Visitor management, Cultural heritage management and Management of the Great Barrier Reef World Heritage area. At the conclusion of the course students will have an appreciation of the management of various natural and rural systems in the tropical marine, coastal and semi-arid environments (In this context, social, cultural, legal, economic, political and ecological perspectives within which management is conducted will be considered). Additional fees are payable. In the event that students complete the fieldwork and then subsequently withdraw from this course without financial liability, the School reserves the right to charge full cost recovery for this fieldtrip.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1

Northern and Tropical Queensland Tour	Natural resource management tour of Central, Northern and Tropical Queensland to provide an appreciation of different management contexts including social, cultural, legal, economic, political and ecological perspectives within which management is conducted. Quota applies due to transport constraints. For further information, and to express your interest in applying for this course, please see the School's website (https://sees.uq.edu.au/student-support/student-field-trips). Additional fees payable. In the event that students complete the fieldwork and then subsequently withdraw from this course without financial liability, the School reserves the right to charge full cost recovery for this field trip.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1
Environmental Management Case Studies	This course is designed to provide students with an opportunity to undertake an in-depth detailed investigation on a specific topic of interest in environmental management in order to develop a demonstrable degree of expertise in that topic. Students are provided an opportunity to demonstrate high level professional skills in report presentation, analysis of information and academic aptitude.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	2		1
Environmental Management Thesis	A thesis (8,000-12,000 words) prepared from field, laboratory &/or library research carried out under the direction of a supervisor approved by the Program Director. Student commencing in sem 1 enrol in ENVM4200 for sem 1 & sem 2. Students commencing in sem 2 enrol in ENVM4201 for sem 2 & the following sem 1.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	2		1
Environmental Management Thesis	A thesis (8,000-12,000 words) prepared from field, laboratory &/or library research carried out under the direction of a supervisor approved by the Program Director. Student commencing in sem 1 enrol in ENVM4200 for sem 1 & sem 2. Students commencing in sem 2 enrol in ENVM4201 for sem 2 & the following sem 1.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	2		1

Environmental Science Project	In the BEnvSc Honours year, participants choose and conduct an independent research project supervised by an academic advisor and possibly others from industry or government. This component of the BEnvSc program extends independence as a scientist and provides the skills to actively design, perform, analyse and communicate research and innovation. It prepares for entry into the workforce or a research higher degree (such as doctorate) by developing advanced skills. The components of the Honours assessment are identifying a research project and advisory team and developing a research proposal, conducting the research guided by the advisory team, and submitting a final research report, and presenting your work in a final seminar.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	2		1
Environmental Science Project	In the BEnvSc Honours year you will chose and conduct an independent research project supervised by an academic staff member, and possible others including industry staff. This part of the BEnvSc program will extend your independence as a scientist and provide the skills that will enable you to actively design, perform, analyse and communicate original research. It will prepare you for entry into the workforce or a research higher degree (such as PhD) with a considerable degree of independence and advanced skills. The components of the Honours year include identifying project/advisors, developing a research proposal, presenting a proposal seminar, a research report featuring your findings, final seminar and seminar diaries.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1
Research Topic (Environmental Management)	Topics relating to specific issues of environmental management. A research topic approval form must be submitted before enrolment can be completed. Contact School for details.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		1

Research Project (Environmental Management)	Project on issue related to a particular industry or industry sector. A research topic approval form must be submitted before enrolment can be completed. Contact School for details. Students completing in single semester enrol in ENMV7110. Students completing over a year and commencing in sem 1 enrol in ENVM7115 for sem 1 and sem 2; students commencing in sem 2 enrol in ENVM7116 for sem 2 and the following sem 1; students commencing in summer sem enrol in ENVM7117 for summer sem and the following sem 1; students commencing in semester 2 enrol in ENVM7118 for semester 2 and the following summer semester.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		1
Research Project (Environmental Management)	Project on issue related to a particular industry or industry sector. A research topic approval form must be submitted before enrolment can be completed. Contact School for details. Students completing in single semester enrol in ENMV7110. Students completing over a year and commencing in sem 1 enrol in ENVM7115 for sem 1 and sem 2; students commencing in sem 2 enrol in ENVM7116 for sem 2 and the following sem 1; students commencing in summer sem enrol in ENVM7117 for summer sem and the following sem 1; students commencing in semester 2 enrol in ENVM7118 for semester 2 and the following summer semester.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		1
Research Project (Environmental Management)	Project on issue related to a particular industry or industry sector. A research topic approval form must be submitted before enrolment can be completed. Contact School for details. Students completing in single semester enrol in ENMV7110. Students completing over a year and commencing in sem 1 enrol in ENVM7115 for sem 1 and sem 2; students commencing in sem 2 enrol in ENVM7116 for sem 2 and the following sem 1; students commencing in summer sem enrol in ENVM7117 for summer sem and the following sem 1; students commencing in semester 2 enrol in ENVM7118 for semester 2 and the following summer semester.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		1

Research Project (Environmental Management)	Project on issue related to a particular industry or industry sector. A research topic approval form must be submitted before enrolment can be completed. Contact School for details. Students completing in single semester enrol in ENMV7110. Students completing over a year and commencing in sem 1 enrol in ENVM7115 for sem 1 and sem 2; students commencing in sem 2 enrol in ENVM7116 for sem 2 and the following sem 1; students commencing in summer sem enrol in ENVM7117 for summer sem and the following sem 1; students commencing in semester 2 enrol in ENVM7118 for semester 2 and the following summer semester.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	2		1
Environmental Management Research Project	A research topic approval form must be submitted before enrolment can be completed. Contact School for details. Students completing the course in one semester must enrol in ENVM7125. Students enrolling in the year-long course with #2/#4 split enrol in ENVM7126 if commencing in semester 1 and finishing in semester 2 or ENVM7127 if commencing in semester 2 and finishing in semester 1 or ENVM7128 if commencing in semester 2 and finishing in summer or ENVM7129 if commencing in summer and finishing in semester 1. Students enrolling in year-long course with #4/#2 split enrol in ENVM7190 if commencing in semester 1 and finishing in semester 2 or ENVM7191 if commencing in semester 2 and finishing in semester 1 or ENVM7192 if commencing in semester 2 and finishing in summer or ENVM7193 if commencing in summer and finishing in semester 1. Students must enrol in the same course code in 2 semesters.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		1

Environmental Management Research Project	A research topic approval form must be submitted before enrolment can be completed. Contact School for details. Students completing the course in one semester must enrol in ENVM7125. Students enrolling in the year-long course with #2/#4 split enrol in ENVM7126 if commencing in semester 1 and finishing in semester 2 or ENVM7127 if commencing in semester 2 and finishing in semester 1 or ENVM7128 if commencing in semester 2 and finishing in summer or ENVM7129 if commencing in summer and finishing in semester 1. Students enrolling in year-long course with #4/#2 split enrol in ENVM7190 if commencing in semester 1 and finishing in semester 2 or ENVM7191 if commencing in semester 2 and finishing in semester 1 or ENVM7192 if commencing in semester 2 and finishing in summer or ENVM7193 if commencing in summer and finishing in semester 1. Students must enrol in the same course code in 2 semesters.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		1
Environmental Management Research Project	A research topic approval form must be submitted before enrolment can be completed. Contact School for details. Students completing the course in one semester must enrol in ENVM7125. Students enrolling in the year-long course with #2/#4 split enrol in ENVM7126 if commencing in semester 1 and finishing in semester 2 or ENVM7127 if commencing in semester 2 and finishing in semester 1 or ENVM7128 if commencing in semester 2 and finishing in summer or ENVM7129 if commencing in summer and finishing in semester 1. Students enrolling in year-long course with #4/#2 split enrol in ENVM7190 if commencing in semester 1 and finishing in semester 2 or ENVM7191 if commencing in semester 2 and finishing in semester 1 or ENVM7192 if commencing in semester 2 and finishing in summer or ENVM7193 if commencing in summer and finishing in semester 1. Students must enrol in the same course code in 2 semesters.	Postgraduate Coursework	Summer Semester, 2	Earth and Environment Sc Schl	1		1

Environmental Management Thesis	Individual or group research project and/or field trip in an area of specialisation offered (on a discretionary basis) by staff members in their field of interest. Departmental consent is required. Prior to obtaining consent, intending students must discuss their project with, and obtain agreement to supervise that project from, an appropriate member of academic staff. A consent form must be completed and submitted. Contact School for details. Students completing the course over a single semester enrol in ENVM7130. Students completing over a year and commencing in sem 1 enrol in ENVM7131 for sem 1 and sem 2; commencing in sem 2 enrol in ENVM7132 for sem 2 and the following sem 1; commencing in summer sem enrol in ENVM7133 for summer sem and the following sem 1; commencing in sem 2 enrol in ENVM7134 and the following summer sem.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		1
Environmental Management Thesis	Individual or group research project and/or field trip in an area of specialisation offered (on a discretionary basis) by staff members in their field of interest. Departmental consent is required. Prior to obtaining consent, intending students must discuss their project with, and obtain agreement to supervise that project from, an appropriate member of academic staff. A consent form must be completed and submitted. Contact School for details. Students completing the course over a single semester enrol in ENVM7130. Students completing over a year and commencing in sem 1 enrol in ENVM7131 for sem 1 and sem 2; commencing in sem 2 enrol in ENVM7132 for sem 2 and the following sem 1; commencing in summer sem enrol in ENVM7133 for summer sem and the following sem 1; commencing in sem 2 enrol in ENVM7134 and the following summer sem.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		1

Environmental Management Thesis	Individual or group research project and/or field trip in an area of specialisation offered (on a discretionary basis) by staff members in their field of interest. Departmental consent is required. Prior to obtaining consent, intending students must discuss their project with, and obtain agreement to supervise that project from, an appropriate member of academic staff. A consent form must be completed and submitted. Contact School for details. Students completing the course over a single semester enrol in ENVM7130. Students completing over a year and commencing in sem 1 enrol in ENVM7131 for sem 1 and sem 2; commencing in sem 2 enrol in ENVM7132 for sem 2 and the following sem 1; commencing in summer sem enrol in ENVM7133 for summer sem and the following sem 1; commencing in sem 2 enrol in ENVM7134 and the following summer sem.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		1
Environmental Management Thesis	Individual or group research project and/or field trip in an area of specialisation offered (on a discretionary basis) by staff members in their field of interest. Departmental consent is required. Prior to obtaining consent, intending students must discuss their project with, and obtain agreement to supervise that project from, an appropriate member of academic staff. A consent form must be completed and submitted. Contact School for details. Students completing the course over a single semester enrol in ENVM7130. Students completing over a year and commencing in sem 1 enrol in ENVM7131 for sem 1 and sem 2; commencing in sem 2 enrol in ENVM7132 for sem 2 and the following sem 1; commencing in summer sem enrol in ENVM7133 for summer sem and the following sem 1; commencing in sem 2 enrol in ENVM7134 and the following summer sem.	Postgraduate Coursework	Summer Semester, 1	Earth and Environment Sc Schl	1		1
Catchment Processes & Management	Catchments form the natural landscape divides that partition water and nutrients, and therefore determining their availability for ecosystems, agriculture, and societies. This course focuses on the key physical, biological and chemical processes underpinning catchment functions, and how this is altered by human impact and climate change. Appropriate tools for biophysical and socioeconomic management and remediation of catchments are then discussed.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		1

Planet Earth: The Big Picture	Earth is a small planet, but with a big history. With its origin some 4.5 billion years ago, ERTH1000 will examine Earth's evolution, from both a geological and biological perspective. The course will explore concepts as diverse as the origin of the Solar System through to the evolution of life. It will touch on the big geological processes that have shaped our planet, covering topics including plate tectonics, volcanology, earthquakes and climate change. ERTH1000 is recommended for all students in geology, ecology, biology, marine, environmental science and archaeology, and is also appropriate for anyone who wants to know more about the world they live on. Includes a one-day field trip (additional fee may be payable).	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	2		1
Earth Processes & Geological Materials for Engineers	Introduction to earth structure & systems; occurrence & properties of minerals & rocks; geological structures & maps; geological time; weathering & soils; groundwater, minerals & energy resources.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1
Palaeobiology	This course will explore the history of Earth's life, from the dawn of the planet some 4.5 billion years ago, to the present. In ERTH2002: we will: examine the processes that can lead to the preservation of organic remains over geological time periods; explore key evolutionary and extinction events that have shaped the world around us; and investigate many of the ways in which we can make inferences about biological processes from the limited, often biased information preserved in the fossil record. Most importantly, you will gain a thorough understanding of the application of the fossil record to contemporary problems in the Earth and Biological Sciences. Content will be delivered in the form of 'contacts' where classes will include both theoretical and practical components. There are additional costs for the field trip.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1

Sedimentology, Stratigraphy and Palaeoenvironments	Sediments and sedimentary rocks are the most abundant geological materials at the Earth's surface. From river systems, coral reefs and deep sea fans, sedimentary sequences are critical archives of the past, recording climatic, tectonic and biological processes through time. They also host important resources including water, hydrocarbons, coal and many base metal deposits. A thorough understanding of sediments, sedimentary processes and sedimentary sequences (stratigraphy) is vital for students studying Geological Science and extremely useful for students undertaking programs in marine science, geography, palaeontology and archaeology. This course will explore the processes that cause sediments to be produced, transported and deposited. We will examine the composition of sedimentary rocks introducing the traditional petrological microscope and possibly hands on experience of advanced techniques such as Scanning Electron Microscopy and geochemical analysis using X-ray Fluorescence. We also will undertake two field trips to observe modern and ancient sedimentary environments and develop the tools for interpreting them.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1
Structural Geology	Analysis of ductile & brittle deformation. Introduction to stress, strain & fracture theory. Geometry & dynamics of faulting, folding & related structures. Interpretation of geological maps & subsurface structures.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1

Mineralogy	Minerals are the naturally occurring elements and chemical compounds that make up rocks on Earth and elsewhere in the Solar System. They are also produced by living organisms to make hard components such as shells and skeletons. Identification of minerals is thus a vital first step in understanding geological materials, their conditions of formation and subsequent history, and interpreting them in terms of tectonic and biological processes and economic importance. This course explores how to identify minerals by measuring their basic physical properties on hand specimens, and how to obtain much more detailed and precise information, mainly using polarised light in the petrological light microscope, but also the more advanced techniques of X-ray Diffraction and analytical Scanning Electron Microscopy. The physical and optical properties of minerals are largely determined by what chemical elements are present and how their atoms are arranged to form a crystal structure with a particular symmetry, so the earlier lectures and practicals cover the basics of how abundance of elements determines the compounds that occur as minerals, chemical bonding, crystal chemistry and crystallography. We then go on to survey the major rock-forming minerals, in the context of whether they are found mainly in igneous, metamorphic or sedimentary rocks, or in ores.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1
Field Geology	ERTH2050 will not be offered in Semester 2 from 2017 onwards. It will still be available in Semester 1.Introduction of geological mapping, map interpretation & field techniques. Field recognition & analysis of structural, stratigraphic & sedimentological features. Regional synthesis of field data. Course conducted as contact sessions and a 9-day field trip during the June/July inter-semester break.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1

Exploration & Mining Geophysics	Geophysical exploration methods used for resource exploration & engineering applications. Emphasises seismic techniques, with additional practical investigations of non-seismic methods including potential field and electrical methods. Extends concepts introduced in ERTH2020. Includes significant exposure to practical computational exercises.From 2016, permission from the School of Earth and Environmental Sciences (sees@enquire.uq.edu.au) is required for students to enroll in this course. Preference will be given to students who have passed ERTH2020, and who are enrolled in a Geological Sciences major.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1
Tectonics and Crustal Evolution	Tectonics studies the operation of the solid Earth across all spatial and temporal scales. Tectonic processes are responsible for continental assembly and break up, mountain building and collapse, sea-level rise and fall, and the creation of natural resources as well as hazards, with impact on every person on this planet. The core of this course is to teach the fundamentals of Plate Tectonics, the unifying theory of the Earth. We will take you on a virtual journey around the globe to observe a selection of modern and ancient plate boundaries, and help you build a collection of knowledge about the geological processes operating in these areas. You will learn the characteristics of Earth's crust, lithosphere, and mantle, and understand not only how, but also why plate tectonics works. Additionally, you will be exposed to several key methods that are used in tectonic studies, which are also essential in a range of sub disciplines in earth and environmental sciences.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1

Marine Geoscience and Palaeoceanography	The evolution of ocean basins through the interplay between plate tectonics and climate controls, the production and distribution of marine sediments, global sea levels and patterns of ocean circulation. An understanding of these processes is vital to infer the distribution of marine resources, marine geohazards such as tsunami and to reconstruct past environmental conditions which are used to inform predictions of future climates. This course integrates sedimentological, palaeontological, geophysical, geochemical and stratigraphic modelling techniques to explore these processes. It will explore the structure and bathymetry of ocean basins, marine sediment deposition from submarine fans to carbonate platforms and glacio-marine environments, and the chemical evolution of marine waters. Students are introduced to the use of marine fossils for palaeoceanographic and palaeoclimatic reconstruction of Cenozoic climates, including opening and closing oceanic gateways, thermohaline circulation and the El Nino-Southern Oscillation. This course will explore these facets of marine geology and palaeoceanography through guided practical exercises and a short fieldtrip to observe key indicators of sea level change such as fossil coral reefs.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1
Energy Resources	(offered in semester 1 in even years only) Sedimentary environments of formation of coal, oil shale, petroleum & uranium, geochemistry & petrology of fossil fuels, geothermal energy, exploration for fossil fuel resources, resource assessment, mining/production of coal/oil and gas.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1

Geochemistry and Geochronology	Geochemistry & Geochronology is a quantitative course that introduces third-year science students to the basic principles and practical applications of geochemical and geochronological tools. The course provides the necessary training for the professional geoscientists to interpret and use geochemical information. The course provides the most essential background for students interested in pursuing advanced degrees in Earth and Environmental Sciences, and it underpins the undergraduate education connection with the Research Strength area of Isotope Analysis, Trace Element Chemistry & Geochronology. The course aims at teaching advanced undergraduate and postgraduate students the basic geochemical concepts necessary for interpreting geochemical data. It introduces conceptual knowledge of processes controlling major element, trace element, and isotopic differentiation in the solar system; it covers basic analytical techniques suitable for elemental and isotopic measurements; it shows, through practical assignments, the necessary steps for data analysis, interpretation, and reporting. The course is delivered as two three-hour sessions per week. The practical component is based on numerical exercises on geochemical applications. Some of the practical exercises are built around data generated in the various geochemistry laboratories at The University of Queensland. The course provides essential training for Geologist and Environmental Scientists interested in exploration and environmental geochemistry. It also provides essential training for advanced research in the Earth Sciences.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1

Geology of Coral Reefs	Field based course including pre-excursion lectures, seven-day field excursion to Heron Island in second semester break (late September, early October) and laboratory work to illustrate geological processes, morphology & zonation, structure, and sedimentation of coral reefs.Additional fee payable that covers transport to and from Heron Island from Gladstone Marina, accommodation, food and boating while on Heron Island. Students are required to arrange their own transportation to Gladstone Marina. This is another additional cost to be factored in.Course Quota: 24 studentsStudents interested in taking this course should complete an Expression of Interest form found on the SEES Field Trip website.All enquiries for this course should be addressed to the School of Earth and Environmental Sciences (sees@enquire.uq.edu.au).	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1
Hydrogeology	The hydrologic cycle, water budgets and basic hydrologic processes. Physical properties of porous media and groundwater flow principles. Steady-state groundwater flow; transient groundwater flow, well hydraulics and groundwater resource evaluation and regional groundwater flow. Hydrogeochemistry and transport processes. All applied to current issues around groundwater and the hydrologic cycle.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1
Food Bioprocessing	Bioprocessing involves the use of biologically-derived substances, such as live cells (animal, plant, yeast, fungi, microbial) or enzymes, to generate valuable products. This course covers such areas as: (i) production, extraction, purification, immobilisation and directed evolution of enzymes, (ii) downstream processing and value adding of food processing wastes, (iii) fermentation technology and genetic enhancement, (iv) biosensors, and (v) bioseparations. This course will require the student to research and review current and emerging bioprocessing topics under the supervision of a member of academic staff.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	2		1

Global Population Issues	Explores a range of challenging and controversial population issues facing the world today, including population growth, ageing, the AIDS epidemic, immigration, the growth of megacities, the fertility crisis and environmental degradation.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		1
Human Settlements	Introduction to evolution & nature of human settlements both in developed & developing societies. Emphasis on economic & social functions of cities & their spatial form & structure. Case studies in Australia & Asia-Pacific region.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1
Economic Geography: Location and Land Use	Models & techniques applicable in planning, property and professional situations for analysing locational choice, land uses, investments, and economic activities in a framework of globalisation.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1
Human Mobility and Migration	This course looks at geographical theories & models of human spatial behaviour. It will examine human activities in time & space, including case studies relating to health, residential location and journey to work, crime and anti-social behaviour, travel & transport, consumer behaviour & retailing. The course will explore both empirical material of spatial behaviour in these contexts and GIS and modelling approaches to effect better planning solutions (especially in relation to facility location).	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1
Urban Geography	This course provides a comprehensive overview of contemporary cities. Beginning with the origins and foundations of cities, the course proceeds to cover spatial structure, location theory, and economic and cultural geographies within cities. The course is taught from a global perspective, drawing examples from Australia in complement to international cities. A variety of processes are introduced, including urbanisation, suburbanisation, counterurbanisation, industrialisation, deindustrialisation, clustering, agglomeration, and more. Students from all backgrounds welcome, though foundational coursework in Geography, Planning, or Sociology is helpful.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1
Global Population Issues	Explores a range of challenging and controversial population issues facing the world today, including population growth, ageing, the AIDS epidemic, immigration, the growth of megacities, the fertility crisis and environmental degradation.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1

The Global Metropolis	This course explores advanced themes and issues in urban geography, including housing, transport, spatial structure and urban form, economic development, historical formation, and land use planning. Applies a case-based approach to each respective issue in an applied context. Most case studies refer to Asia-Pacific region, which is the most significant urbanised area in the world. Takes a global and holistic perspective on the world's most significant urbanisation issues related to rapid growth, demographic change, and sustainability.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1

Introduction to Earth Observation Sciences (EOS)	Remote sensing or earth observation, is one of the most important and widely applied methods for measuring, monitoring and understanding the atmospheric, terrestrial and aquatic environments of the earth (and other planets). Information extracted from images may be used in many ways, e.g., as a basis for mapping and monitoring changes to features (vegetation communities, land use type, soil types, mineral outcrops), biophysical properties (biomass of forest, crop yields, ozone concentration, soil moisture, building height) and for integration in geographic information systems (GIS) with other spatial data to support monitoring and management of natural and built environments. Remote sensing is taught in a number of courses at the University of Queensland and GEOM2000/7000 is the fundamental course. GEOM3001/7001 provides more advanced image processing skills, while GEOS3400 presents a project based study in Biophysical Remote Sensing of a specific environment and GEOS3102 explains how remote sensing is used to measure global scale environmental changes. The skills learnt in remote sensing also form essential tools for use in higher level physical geography, ecology, human and physical geography, archaeology and earth science courses, including geomorphology, hydrology, climatology, oceanography and geophysics. The content objective of the course is to understand: (1) how remotely sensed images are acquired; and (2) the biological, physical and chemical factors determining the appearance of natural and built environmental features in images. The process objective develops skills enabling you to solve an environmental science, monitoring, planning or management problem by selecting an appropriate remotely sensed data set and applying the relevant image processing, interpretation and analysis techniques to detect and measure the composition of the environment and its biophysical properties.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		1

Advanced Earth Observation Sciences (EOS)	Remote sensing or earth observation, is an important tool for monitoring and modelling the condition and dynamics of terrestrial, aquatic and atmospheric environments. The information extracted from images may be used in many ways, as image or thematic maps, directly in decision making, as estimates of biophysical variables or integrated with other spatial information systems for further analysis and display. This information can be collected from local to global scales for examining changes in the habitat of endangered fauna or monitoring continental scale deforestation and global scale oceanic and atmospheric conditions. This course is a logical progression from the remote sensing concepts and skills introduced in GEOM2000/7000. GEOM3001/7001 emphasises digital image processing for analysis of remotely sensed imagery, including airborne and satellite multi-spectral, hyper-spectral and synthetic aperture radar data. Practical sessions will involve a progression of practicals in the computer laboratory, using the Erdas Imagine and ENVI (Environment for Visualising Images) software packages. Concepts and skills acquired in these sessions will be applied in the individual student remote sensing project that can be designed to suit your area of interest.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		1

Introduction to Earth Observation Sciences (EOS)	Remote sensing or earth observation, is one of the most important and widely applied methods for measuring, monitoring and understanding the atmospheric, terrestrial and aquatic environments of the earth (and other planets). Information extracted from images may be used in many ways, e.g., as a basis for mapping and monitoring changes to features (vegetation communities, land use type, soil types, mineral outcrops), biophysical properties (biomass of forest, crop yields, ozone concentration, soil moisture, building height) and for integration in geographic information systems (GIS) with other spatial data to support monitoring and management of natural and built environments. Remote sensing is taught in a number of courses at the University of Queensland and GEOM2000/7000 is the fundamental course. GEOM3001/7001 provides more advanced image processing skills, while GEOS3400 presents a project based study in Biophysical Remote Sensing of a specific environment and GEOS3102 explains how remote sensing is used to measure global scale environmental changes. The skills learnt in remote sensing also form essential tools for use in higher level physical geography, ecology, human and physical geography, archaeology and earth science courses, including geomorphology, hydrology, climatology, oceanography and geophysics. The content objective of the course is to understand: (1) how remotely sensed images are acquired; and (2) the biological, physical and chemical factors determining the appearance of natural and built environmental features in images. The process objective develops skills enabling you to solve an environmental science, monitoring, planning or management problem by selecting an appropriate remotely sensed data set and applying the relevant image processing, interpretation and analysis techniques to detect and measure the composition of the environment and its biophysical properties.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1

Geographical Information Systems	This course provides students with a foundation in the science and technology of geographical information systems (GIS). GIS science focuses on ways to describe and represent geographical phenomena and explain geographical patterns and processes. GIS technology focuses on data modelling, databases, map visualisation and web applications. The course provides GIS skills that can be applied in a wide range of areas, including ecology, conservation science, environmental management, planning, geography, and the earth sciences and provides laboratory sessions and a field trip for students to apply GIS to solve practical real-world problems.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1
Advanced Earth Observation Sciences (EOS)	Remote sensing or earth observation, is an important tool for monitoring and modelling the condition and dynamics of terrestrial, aquatic and atmospheric environments. The information extracted from images may be used in many ways, as image or thematic maps, directly in decision making, as estimates of biophysical variables or integrated with other spatial information systems for further analysis and display. This information can be collected from local to global scales for examining changes in the habitat of endangered fauna or monitoring continental scale deforestation and global scale oceanic and atmospheric conditions. This course is a logical progression from the remote sensing concepts and skills introduced in GEOM2000/7000. GEOM3001/7001 emphasises digital image processing for analysis of remotely sensed imagery, including airborne and satellite multi-spectral, hyper-spectral and synthetic aperture radar data. Practical sessions will involve a progression of practicals in the computer laboratory, using the Erdas Imagine and ENVI (Environment for Visualising Images) software packages. Concepts and skills acquired in these sessions will be applied in the individual student remote sensing project that can be designed to suit your area of interest.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1

Geospatial Processing and Web Mapping	This course develops computing skills in Geographical Information Systems for processing tasks and web mapping. It includes: i) basic skills in programming with the Python scripting language to automate GIS processing tasks and to develop analysis tools, and ii) interactive web mapping and apps for publishing on the Internet. The course provides a highly desired industry competency for GIS analysts.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1
Advanced Geographical Information Systems	This course develops skills and a deeper understanding to conduct detailed analysis in geographical information systems (GIS) using basic statistical methods and spatial analysis. Students learn to analyse spatial patterns and relate these to processes in the natural environment and human spatial behaviour. Students also gain knowledge and skills to develop geoprocessing models and for making decisions related to planning and management.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		1
Geospatial Processing and Web Mapping	This course develops computing skills in Geographical Information Systems for processing tasks and web mapping. It includes: i) basic skills in programming with the Python scripting language to automate GIS processing tasks and to develop analysis tools, and ii) interactive web mapping and apps for publishing on the Internet. The course provides a highly desired industry competency for GIS analysts.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		1
Geographical Information Systems	This course provides students with a foundation in the science and technology of geographical information systems (GIS). GIS science focuses on ways to describe and explain geographical patterns and processes. GIS technology focuses on data modelling, databases and map visualisation. The course provides GIS application skills in fields such as ecology, environmental, marine and earth sciences and physical geography, and provides laboratory sessions for students to apply GIS for practical problem solving in these fields.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		1

Biogeography & Geomorphology	This courses examines the physical processes and linkages operating within the biosphere (biogeography) and lithosphere (geomorphology), with a particular focus on to role that temporal and spatial scales impact environmental processes. This course is also a foundation for advanced courses in environmental processes and management and has an emphasis on the environments of the Giant Sand Masses of South East Queensland with a field trip to North Stradbroke Island. Additional fees may be payable.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1
International Field Studies: Natural & Built Environments of a Selected Region	Lectures, workshops, 10 day field trip to a selected international region. Natural environments of south and southeast Asia, contemporary society, demography, environmental management, planning and architecture in their environmental context. Cross-disciplinary and reflective approaches to learning. Additional fee payable. For further information, and to express your interest in applying for this course, please see https://sees.uq.edu.au/student-support/student-field-trips. In the event that students complete the fieldwork and then subsequently withdraw from this course without financial liability, the School reserves the right to charge full cost recovery for this field trip.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1
Progress in Geography	This course examines the development of contemporary physical and human geography, its disciplinary roots, substantive focus, analytical methods and practical applications. Students will write essays on a range of geographical materials and take part in class discussions.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1
Environmental Hazards	This Course describes where & how interacting environmental & social systems create distinctive landscapes, regions & places at risk from environmental hazards. Determinants of community exposure, risk & resilience to hazards are identified & analysed from a geographical perspective, as are society's attempts to manage & adapt to hazards.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		1

Meteorology	This course focuses on the meteorology of the tropical & sub-tropical regions of Australia. Building on knowledge gained in GEOS2100 and GEOS2101 students will learn about land & water surface - atmosphere interactions over a wide range of different environments from the desert regions of central Australia to the Great Barrier Reef. Students will develop understanding of how exchanges of heat, moisture and momentum between the earth's surface and atmosphere effect the meteorology of the tropics and sub-tropics including sea breezes, thunderstorms, tropical cyclones & the monsoon. The influence of El Nino and La Nina on the meteorology of tropical & sub-tropical Australia will be explored in this course along with potential impacts of global warming.Please note: This course has a minimum quota of 15 students.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1
Environmental Hazards	The course will require students to analyse policy arrangements and practical applications of hazard and disaster management in local, state and national government contexts.This course describes where & how interacting environmental & social systems create distinctive landscapes, regions & places at risk from environmental hazards. Determinants of community exposure, risk & resilience to hazards are identified & analysed from a geographical perspective, as are society's attempts to manage & adapt to hazards.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		1
Horticulture Production	Principles and practices of horticultural production covering nursery, fruit, vegetables and floriculture industries. Based on an understanding of the horticultural science of plant growth and development and its manipulation, from propagation through to postharvest.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		1
Horticultural Science	The principles of propagation and establishment of horticulture crops, model production systems and the maintenance of quality by appropriate post-harvest handling of horticultural products through the marketing chain.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		1
Production Horticulture	Industry operation, botany, growth cycles and cultural and management practices for a range of flower, fruit, nursery and vegetable crops.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1

Horticultural Science 2	The course aims to provide students with a fundamental understanding of the establishment and management of trees in urban and orchard environments, large scale organic crop production, protected cropping and food production in urban areas.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1
Globalisation & the World Economy	This course takes students through the major macro issues relating to the modern world of international business. The course is about the world environment of business addressed at a global, national and regional level. It does not address specific firm management topics, but rather is complementary to those topics. The course looks at the modern concept of globalisation, its causes and effects, the increasing importance of world financial markets, the multinational enterprise and government policies affecting the internationalisation of business, and the likely future directions of world business in a global context. The course reviews the major economies of the world, their participation in the globalisation process and a range of economic multilateral institutions. Criticisms of globalisation are also discussed.	Postgraduate Coursework	Semester 1, 2018	Business School	1		1
Globalisation & Business	Globalisation is a widely used term in business, politics & trade but its real meaning& implications are often misunderstood. This course takes students through the major issues relating to globalisation. These are the different meanings that are associated with the concept, the causes & effects of the globalisation process, the roles of various players, in particular the multinational firm & governments & the likely future directions of world business in a global context. Criticisms of globalisation are reviewed in the light of their wide appeal.	Undergraduate	Semester 1, 2018	Business School	1		1
Issues in Aboriginal & Torres Strait Islander Health	Introduction to major issues impacting upon the health and wellbeing of the Aboriginal & Torres Strait Islander population, with a focus on approaches for improving Aboriginal & Torres Strait Islander health outcomes. This course may not be offered if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Public Health School	1		1

Aboriginal & Torres Strait Islander Health	Overview of current health status of Aboriginal & Torres Strait Islander people, focusing on cultural, social and environmental issues and recent policy initiatives.	Undergraduate	Semester 2, 2018	Public Health School	1		1
Soil and Growth Media Management	This course is intended to provide students with an overview of the role that soil plays in the environment. This independent study course is intended to introduce graduate students to key soil science concepts in preparation for independent researches and/or further studies. This course addresses: properties of soils and other mineral-based media (mine spoil, waste rock, tailings); the impacts of soil physical and chemical properties on plant growth and vegetative community development and sustainability; soil sampling strategies; trace and toxic elements, organic pollutants and soil amendments, and nutrient management for the development of a favourable plant root zone.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		1
The Soil Environment	Soil fertility & management. Elementary biology, physics & chemistry of soils. Plant nutrients & their cycling. Land capability assessment, soil physical factors & plant growth. Soils as environmental buffers.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		1
Soil Plant Relationships	This course is intended to provide students with interest in the ecological, environmental, and agricultural fields with an understanding of the role of soil in plant growth. This course addresses the underlying mechanisms which control the interaction between plants and soil, rather than providing a purely descriptive account. Practical sessions and assignments provide opportunities to analyse soil characteristic and plant growth data. Key concepts covered in this course are the mechanisms through which soils supply water and nutrients to plants, the role of soil as an environmental buffer, and the essential processes carried out by the diverse microbial inhabitants of soils.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		1
Soils, Landscapes & Environments	Science of pedology & the application of field pedology. Investigation & interpretation of soil & soil material in the field. Developing the skills of identifying, surveying, interpreting & classifying soils in the landscape. Soil formation & development processes including weathering & erosion & their relationship to land management	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		1

Game Management - the Science of Sustainable Use	This course provides the scientific principles of game management (the manipulation of wildlife populations using population monitoring, habitat management & sustainable utilisation) as it is practiced throughout the world today. Students will also gain an understanding about the history of game management and the utilization of wildlife; community attitudes to wildlife in relation to utilization, animal welfare and cultural differences; basic population models and how they relate to resource use and methods of determining population size; and case studies on game management with examples from Africa, Australia, Europe, New Zealand and North America.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		1
Australia's Marine Environment	This course aims to develop an understanding of the significance of Australia's marine systems and their importance in the global scene. The course examines the diversity of marine environments, both pristine and altered, sites of conservation significance, endangered plants and animals, as well as jurisdictional responsibilities. Field trips are not compulsory but highly recommended. There is an additional cost for the field trip, please contact biologyadmin@uq.edu.au for further information.	Undergraduate	Semester 1, 2018	Biological Sciences School	2		1
Marine Science	Biology, geology, & oceanography of marine ecosystems, including estuaries, littoral zones & coral reefs. There is a 3 day field trip to Moreton Bay Research Station held during the mid-semester break. Additional charges will apply. From Semester 1 2019 the field trip will be a compulsory component of the course.	Undergraduate	Semester 1, 2018	Biological Sciences School	1		1

Physical-biological Oceanography	This course will provide students with a clear understanding of the physical and biological processes in the ocean, and the influence of physical dynamics on biology - from open ocean to coral reefs, from phytoplankton to fisheries. Our changing climate is affecting the circulation and properties of our oceans, and the biology is responding. In order to understand the effects of climate change, we first need to understand how the ocean works. This course will challenge students with understanding the functioning of our oceans, and how the patterns and distribution of life in the ocean are controlled by the physical oceanography. The course consists of integrated lectures on physical-biological oceanography and climate change effects to provide the interdisciplinary foundation increasingly required in the contemporary environmental sciences. It covers the influence of the oceans on human activities and the influence of human activities on the characteristics of the oceans. Practicals will focus on learning to acquire and work with satellite oceanography data and measurements collected by autonomous oceanographic platforms. MARS3012 has restricted enrolments due to the number of places available in the lab classes and field trip.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1

Health, Society & Research 4	This course is the last in a sequence of four which develop core concepts in public health, health systems and research, as required for evidence-based clinical practice. It will examine health in a world which is undergoing global change: a world facing gains in development but growing inequity; reduction in hunger and poverty, but at the same time food insecurity and the challenges of increasing global obesity; the threat of climate change, compounded by natural disaster. The key concepts and frameworks used in examining global health issues will be discussed, as will the key stakeholders and their roles. This will include WHO, UNICEF, the World Bank, the World Trade Organisation, as well as private and philanthropic organisations and public-private partnerships. Global health policy and governance, health interventions and development initiatives such as the Sustainable Development Goals will be discussed in the context of developing an understanding of the issues related to translation and implementation at country level, leaving no-one behind. The engagement of Indigenous peoples in global change will be explored, with particular attention to shared challenges of Indigenous populations and lessons learned in health and development. The course will assist students in their analysis of policy and programs around key health issues at a global level. Building on earlier skills in literature review, students will develop the component processes that make up the conduct of systematic reviews. They will be introduced to the principles of systematic review of research evidence (peer-reviewed and grey literature), the practices required to conduct systematic reviews and the opportunity to develop the skills required to conduct and document systematic reviews, interpreting the findings of their review in an analysis that conforms with the requirements for peer-reviewed publication.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	1		1

System Dynamics	Systems are everywhere, in society, in business and in the environment. They are made up of interacting components and these interactions make them complex and difficult to manage. Despite the need to manage systems, very few managers are equipped with the skills to do so, which means that today's solutions often become tomorrow's problems. This course introduces the principles and tools of Systems Thinking and System Dynamics and their application to problem solving and management.	Postgraduate Coursework	Semester 1, 2018	Business School	1		1
Innovation Leadership	Innovation is a fundamental source of competitive advantage in business and is critical to organisations of all sizes and sectors. Innovation changes our thinking and products. It is a dynamic, complex and open process involving many players and parts of an organisation. Managing innovation requires a sound understanding of the nature of the innovation process, which has changed radically over recent years. This course will equip you with the skills necessary to lead innovation for sustainable competitive advantage. The course is based on international best practice and presents an integrated framework for innovation management. It will cover topics including integrating innovation and the strategy, the idea management process and business model innovation. You will meet with leading innovation experts and managers who will reveal cutting edge practice in innovation strategy, development and implementation.	Postgraduate Coursework	Semester 1, 2018	Business School	2		1

Brokering Development	Brokering Development equips students with the necessary knowledge and skills to be successful leaders in development. Students will explore the principles and practice of adaptive management and will have the opportunity to apply their learning to current 'wicked problems' in development. Course learning will be situated within the broad historical context of development theory and students will gain a critical appreciation of different analytical and disciplinary approaches to development. The course will go on to equip students with the skills and confidence necessary to effectively navigate through complex development challenges in a range of institutional and cultural contexts, in order to broker positive change. There is a strong emphasis on real-world case studies and drawing out the experiences and perspectives of the student cohort.	Postgraduate Coursework	Semester 1, 2018	Humanities and Social Sciences	1		1
Community Development for the Resources Sector	This course introduces a framework for understanding how community development theory, methods and techniques can be used by community relations workers in the resources sector. The course focuses on: understanding community, background to community practice including principles and values, traditions and method, with a particular focus on people-centred method. The course uses case studies and examples from the resources sector.	Postgraduate Coursework	Semester 1, 2018	Sustainable Minerals Institute	1		1
Community Engagement for the Resources Sector	Community Engagement for the Resources Sector explores a range of community development and community engagement domains, techniques and skills, as they apply to the context of the resources sector. It helps participants to develop an understanding of how workers in the community relations field in the resources sector can build on community development methods to develop specific projects and programs that build the capacity of the communities where mining occurs to the benefit of both the industry and the community. It focuses on how to assist communities and companies to move from activities to sustainable organised relationships and structures within the broader context of mining and development practice locally, nationally and globally.	Postgraduate Coursework	Semester 2, 2018	Sustainable Minerals Institute	1		1

Mine Planning	This course deals with the theoretical principles and practical methodologies associated with mine planning. Mine Planning is an iterative process entailing elements of design, scheduling and evaluation. As part of the planning process a range of issues has to be considered including sustainability, statutory requirements and community expectations, mining method selection and mine layout, scheduling, equipment selection, cost estimation and economic evaluation, pre-feasibility studies and risk analysis. The course provides a step-by-step approach to developing a pre-feasibility study for a mining project.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		1
Hard Rock Mine Design & Feasibility	Development of a pre-feasibility study for a metalliferous mining project. Activities include: assessment of reserves, method selection, layout and optimisation of surface and underground operations, geotechnical design, ventilation design, project risk assessment, mine scheduling, equipment selection, cost estimation, economics / finance and sustainability. Usage of mine design and optimisation software packages.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		1
Coal Mine Design and Feasibility	Advanced level pre-feasibility study of a coal mine project inclusive of: reserve estimation, mining method selection, design, layout and optimisation, geotechnical design, ventilation, project risk, mine schedule, economics / finance and sustainability of surface and underground mines. Project-based learning.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		1
Resources Sector Risk Management	(Minimum enrolment quota of 5 students.) Introduction to risk management concepts, models, tools and systems consistent with national standards, application of models to minerals industry issues, applied problem solving and decision making frameworks in the context of major industry hazards and their management.	Postgraduate Coursework	Semester 1, 2018	Sustainable Minerals Institute	2		1
Water Management in the Resources Sector	This course highlights the importance of management of hydrological processes in the resources sector by examining water quantity; site-specific, local & regional surface/subsurface hydrology; water quality and potential source contaminants; acid mine drainage; requirements for mine lease relinquishment; monitoring techniques and strategies.	Postgraduate Coursework	Semester 2, 2018	Sustainable Minerals Institute	1		1

Community Aspects in Resource Development	This course provides students with a thorough understanding of community issues associated with mining, oil and gas developments. It provides context and examples to demonstrate key considerations relevant to the interaction between mining and communities, and of the industry response to these issues. It introduces mining for development frameworks and frameworks for stakeholder-driven CR work. The course is delivered online and covers a range of topics relevant to corporate social responsibility and community relations practitioners as indicated in the learning activities outlined.	Postgraduate Coursework	Semester 2, 2018	Sustainable Minerals Institute	1		1
Social Change in Occupational Therapy	This course focuses on principles of community development, health promotion, health policy & occupational justice issues at global, community, societal, & systems levels. It engages students with seeing themselves as global citizens & health care professionals with citizenship responsibilities in relation to advocacy, justice & systems reform. It will engage students with a global occupational therapy community through the World Federation of Occupational Therapists, & develop in them an awareness of policies of the United Nations & World Health Organisation. In addition to global issues, issues of national & local significance will be addressed relevant to enabling people to participate fully in their life and occupational roles.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		1
Social Change in Occupational Therapy	This course focuses on principles of community development, health promotion, health policy & occupational justice issues at global, community, societal, & systems levels. It engages students with seeing themselves as global citizens & health care professionals with citizenship responsibilities in relation to advocacy, justice & systems reform. It will engage students with a global occupational therapy community through the World Federation of Occupational Therapists, & develop in them an awareness of policies of the United Nations & World Health Organisation. In addition to global issues, issues of national & local significance will be addressed relevant to enabling people to participate fully in their life & occupational roles.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		1

International Field Course: Exploring Development Complexities	The course provides an opportunity for students to better understand and experience the issues and complexities of development in the Global South. The course will involve three pre-departure workshop sessions prior to the field trip (at UQ St Lucia campus), as well as a 10-day field trip to a selected country in the Asia-Pacific region. Additional fees payable. For further information, and to express your interest in applying for this course, please see field-trips. In the event that students complete the fieldwork and then subsequently withdraw from this course without financial liability, the School reserves the right to charge full cost recovery for this field trip.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		1
Development Planning in Developing Countries: Theory & Practice	This course is concerned with the challenges facing development planning in the global South, focusing on understanding the main problems in cities. It aims to enhance student's understanding of the current debate on development planning and the relationship between theory and practice. In so doing the course addresses the role of institutions, practitioners and communities in bringing about sustainable and positive change. The course will borrow from and build upon the experience of development planning in the global South based on case studies discussing interventions to more effectively deal with poverty, inequality, urban growth and transport problems, among others.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		1
Assessment of Development Projects	The course analyses the different elements involved in the project cycle, emphasising the monitoring and evaluation of development projects and the use of several tools such as Log Framework Analysis, Social Impact Assessment, Environmental Impact Assessment, Multi-Criteria Analysis, and Cost Benefit Analysis.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		1

Introduction to Politics & Public Policy	This course introduces students to the study of politics and public policy. The topics we discuss - climate change, the financial crisis, globalization, resource taxation, disaster management - have been chosen for two reasons. First, because they are topical and (hopefully) interesting. Second, because they can be analysed using the dominant theories within political science and public policy studies.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	1		1
Ethics in International Politics	This course examines some of the key moral dilemmas in global politics. It examines several ethical traditions, such as realism, communitarianism, cosmopolitanism and feminism in an attempt to provide students with the knowledge necessary to understand issues related to peace, morality and justice in international politics. The second part consists of a series of case studies that illustrate the practical dimension of debates about ethics in international politics. We will examine the ethics of membership, global poverty and global justice, environmental justice and climate change, the ethics of war, the problem of evil and the relationship between the rights discourse and moral change.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	1		1
Foundations in Public Policy	This course provides postgraduate students with no prior background in Governance and Public Policy a necessary grounding in the study area. Students will be introduced to topics including climate change, globalisation and disaster management to be analysed using dominant theories within public policy.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	2		1

Global Governance: Origins, Challenges and Trajectories	The increasing integration of the world driven by globalisation has created a growing number of issues that can no longer be dealt with at the national level by states alone. Issues such as climate change, weapons control or the regulation of the global economy can only be addressed globally, facilitating the emergence of a global governance structure intended to manage this globalised world order. This course explores this structure, its origins, its formal and informal actors and its processes. First, we examine the key theoretical frameworks in the field, including the realist, liberal and critical conceptions of global governance. Second, we explore the historical evolution of global governance since World War II, including the emergence of the United Nations and the Bretton Woods System, its crises, and the `New World Order of the post-Cold War period. We also explore the rationale for the formation of the European Community (now the EU) and its functions, regionally and globally. Finally, the course analyses some of the key contemporary issues facing global governance. The course concludes by reflecting on the future of global governance in an increasingly multipolar world.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		1
Global Health and Infectious Disease	This course gives a broad introduction to major global health problems with an emphasis on infectious disease in resource poor countries. Issues addressed include the causes and control of: malaria, TB, HIV, malnutrition, acute respiratory infection, diarrhoeal disease, vaccine preventable disease, water and sanitation and other environmental related health problems, and other child and maternal health issues. The course will also explore major international health policy and program developments, particularly the Sustainable Development Goals, and the translation of those policies into practice.	Undergraduate	Semester 2, 2018	Public Health School	1		1

Global Health & Development	Description: This course covers several themes aimed at providing students with an understanding of the: variety of conceptions of health and of development, and how they are measured; fundamentals of the demographic and epidemiological transitions and the bi-directional interactions between health and development; social, economic and political components of development and their specific interactions with disease, mortality and fertility; a wide perspective on the determinants of health and disease, and health improvement in the international context; and, an understanding of the organisations and individuals working in international health and their strengths and weaknesses. This course may not be offered if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 1, 2018	Public Health School	1		1
Global Health Policy in Practice	This course explores health in a world of global change, with new challenges, actors and governance for health. It identifies key stakeholders in global health and their roles, including WHO, World Bank, the World Trade Organization, philanthropic and private actors, and public private partnerships. It explores major global health policy and development initiatives - in particular, the Sustainable Development Goals - and the translation of these goals and policies into practice.	Postgraduate Coursework	Semester 2, 2018	Public Health School	1		1
Strategic Property Management	The strategic management of real estate assets as an investment or business asset. The role of corporate real estate and workplace design in supporting business productivity. The maintenance of environmentally sustainable efficient and effective property within an economic framework.	Postgraduate Coursework	Semester 1, 2018	Business School	1		1

Theory & Practice in Science	This foundation course in science introduces students to the broad range of mathematical, analytical, conceptual and computational tools employed by scientists to develop, analyse and interpret models of scientific processes. To emphasize the importance and generality of these tools, a number of key contemporary topics in science will be studied, including climate change, population dynamics, drugs and pharmacokinetics, and epidemics. The course will demonstrate how and why mathematical models underpin modern science, and students will learn how to develop and analyse such models. The course also introduces computer programming (using the language Python) as a vital tool in modern scientific modelling. Students will be introduced to some fundamental philosophical issues in science, gaining an appreciation of some of the assumptions that underlie science and the supposed scientific method, reinforcing the importance of critical thinking, creativity and quantitative scientific skills.	Undergraduate	Semester 1, 2018	Biological Sciences School	2		1
Globalisation & Development in Post-Colonial Societies	Concepts and theories of globalisation and development in specific historical contemporary and comparative contexts, within framework of different sociological approaches; survey of literature; case studies of globalisation and implications for development strategies in developing societies.	Undergraduate	Semester 1, 2018	Social Science School	1		1
Analysis of Scientific Data	Analysis of scientific data and experiments: Design of experiments and ethical research. Data modelling and management. Exploratory data analysis. Randomness and probability. Statistical analysis including linear regression, analysis of variance, logistic regression, categorical data analysis, and non-parametric methods.	Undergraduate	Semester 1, 2018	Biological Sciences School	3		1
Bio-Entrepreneurship and Innovation	This course blends both the theory and practice of entrepreneurship and innovation. It focuses on the lifecycles, market strategies, intellectual capital and property creation, network and alliance building, and external environmental considerations in achieving competitiveness for entrepreneurial firms in the unique biotechnology industry.	Postgraduate Coursework	Semester 1, 2018	Business School	1		1

Innovation Leadership	Innovation has been described as the fundamental source of competitive advantage. The purpose of this course is to analyze the importance and nature of innovation and how managers can lead innovation for sustainable competitive advantage. The course is based on robust analytical frameworks and contemporary empirical evidence on international best practice in innovation leadership.	Postgraduate Coursework	Semester 1, 2018	Business School	3		1
Global Cultures & Tourism	This course examines the philosophical, social and cultural traditions which underpin contemporary societies. It surveys some of the more important issues presently impacting on different societies but focuses specifically on issues relevant to Tourism, Hospitality and Events.	Undergraduate	Semester 1, 2018	Business School	1		1
Responsible Tourism and Ethics	This course examines a series of contemporary concepts and theories essential for responsible tourism including sustainable tourism for eliminating poverty (pro-poor tourism), cultural heritage management and protected area management. Responsible tourist behaviours are also examined.	Undergraduate	Semester 1, 2018	Business School	1		1
Managing Resources in Tourism, Hospitality & Events	This course focuses on the business systems and processes for planning, organising and controlling resources in tourism, hospitality and event organisations. The course will examine the management of people, finances and risk and the implementation of sustainable and ethical business strategies. This foundation course will develop specialist theoretical and practical knowledge which will be developed further in more advanced tourism, hospitality and event management courses.	Postgraduate Coursework	Semester 1, 2018	Business School	2		1

Animal Pathogens and Immunity	This course introduces students to the major pathogens of livestock, companion animals and wildlife. It describes the features of the broad classes of pathogens (parasites, bacteria, viruses, etc.) and explains classification structures within these classes as related to morphometric and phylogenetic characteristics of the organisms. Students will also be introduced to animal immunology and other aspects of host response as they pertain to infectious disease. Basic concepts relating to epidemiology will also be explored and applied to measuring population dynamics of host and agent interactions with respect to disease. Examples of key or topical pathogens are used to illustrate and deepen students understanding of pathogen-host interaction, and laboratory skills pertaining to pathogen identification, handling and characterisation will be developed. NOTE: External enrolment restricted to Vet Tech students only.	Undergraduate	Semester 2, 2018	Veterinary Science School	1		1
Ecological and Disease Genetics	Genetic techniques are widely applied in the study of ecology and conservation and more recently to understanding the epidemiology and evolution of disease. This course will outline the principles of population genetics and phylogeography and give students the opportunity to apply these to a chosen problem. This course is recommended to students of animal science, wildlife studies and biology, who have a background in basic genetics.	Undergraduate	Semester 1, 2018	Veterinary Science School	1		1
Pathology of Diseases of Australian Wildlife	This course will provide systematic training in the investigation and interpretation of diseases affecting wildlife (reptiles, wild birds, koalas, macropods, monotremes, aquatic mammals). Students will also be introduced to biology of Australian Marsupials and Monotremes that is relevant to development of pathology.	Postgraduate Coursework	Semester 2, 2018	Veterinary Science School	1		1

Economics for Water Resource Management	This course (WATR7300) explores a range of institutions involved in water management and both theoretical and practical approaches to water planning and economics. Students will explore the roles and responsibilities of a various water management stakeholder groups, be introduced to practical tools for effective water planning and learn the principles and frameworks governing water economics and finance. Topics include: planning and resource management instruments; water allocation; internal and external organisational governance arrangements; coordinating water and land use planning; water resources assessment; cost-benefit analysis; multi-criteria decision making; frameworks for stakeholder participation; pro-poor water governance and human rights to water; dispute resolution frameworks; multi-stakeholder privatisation contracts; trade in water services; bulk water exports. A parallel Integrated Water Management project will run through the semester which will develop skills that complement the content delivered in the 1 co-requisite course (WATR7100) and the co-electives offered in semester 2 - WATR7400, WATR7600, WATR7700, WATR7900 and in the summer semester WATR7200 or WATR7800.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	1		1
Integrated Water Management Project	In WATR7500, students have the opportunity to design and undertake self-directed project work aimed at consolidating and applying the concepts, principles and methodologies they have learned throughout the course. Students select an area of specialisation that is of personal and professional interest to them and is of value for their professional development. Students will have two supervisors and may undertake their project in Australia or overseas. Where possible, students will be linked with IWC and the partner universities.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	2		1

Integrated Water Management Project	In WATR7501, students have the opportunity to design and undertake self-directed project work aimed at consolidating and applying the concepts, principles and methodologies they have learned throughout the course. Students select an area of specialistation that is of personal and professional interest to them and is of value for their professional development. Students will have two supervisors and may undertake their project in Australia or overseas. Where possible, students will be linked with ICW and the partner universities.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	2		1
Integrated Water Management Project	Students have the opportunity to design and undertake self-directed project work aimed at consolidating and applying the concepts, principles and methodologies they have learned throughout the course. Students select an area of specialisation that is of personal and professional interest to them and is of value for their professional development. Students will have two supervisors and may undertake their project in Australia or overseas. Where possible, students will be linked with IWC and the partner universities. Students commencing course in sem 1 enrol in WATR7501 for sem 1 and sem 2; students commencing in sem 2 enrol in WATR7502 for sem 2 and the following sem 1; students commencing in summer enrol in WATR7503 for summer and the following sem 1.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	2		1
Urban Metabolism - Resource and Energy Recovery Systems	This is a postgraduate course that introduces students to the analysis, critical assessment and management of urban areas as systems that `metabolise' material and energy inputs, ultimately releasing them back to the environment as wastes. It is offered as an elective in the International Water Centre Masters of Integrated Water Management.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	1		1
Total Sustainability Focused Courses						**0**	**206**

Ten Canoes: Exploring Indigenous Art, Film, Music and Literature Through Iconic Works	This course provides students with the opportunity to learn about Indigenous Australian peoples and their art, film, literature and music making. Across the semester students will examine ten iconic works of Aboriginal or Torres Strait Islander cultural production to explore Indigenous history and understand how Indigenous Australians use diverse forms of cultural expression to tell their history, resist and challenge colonial stereotypes and create new and exciting works of art.	Undergraduate	Semester 1, 2018	Humanities and Social Sciences	1		
Indigenous Women and Men: Gendered Business	Through lectures and tutorials presented by both Indigenous and non-Indigenous women, both students and lecturers explore historical and contemporary issues identified as relevant by Aboriginal women. A major theme running through this course is to compare, contrast and critically analyse mainstream representations of Aboriginal women with the words and knowledges of Aboriginal women themselves.	Undergraduate	Semester 2, 2018	Humanities and Social Sciences	1		
Contemporary Indigenous Social Organisation: Identity, family, community, nation	This course provides students with contemporary understandings of Indigenous Australian experiences and systems of family and kinship. Students will learn about the wide variety of kinship systems which were/are used in Indigenous communities prior to and after colonisation. They will gain a practical understanding of how to map and construct genealogies, and a firm grounding in the ways that family and kin relationships link people to each other, their country and to the Dreaming.	Undergraduate	Semester 1, 2018	Humanities and Social Sciences	1		
Independent Project in Aboriginal & Torres Strait Islander Studies I	Supervised research on an Aboriginal & Torres Strait Islander issue. Consult the coordinator about your proposal in first week of semester. Some meetings of all students are required during semester.	Undergraduate	Semester 1, 2018	Humanities and Social Sciences	1		
Independent Project in Aboriginal & Torres Strait Islander Studies 2	Supervised research on an Aboriginal & Torres Strait Islander issue. Consult the coordinator about your proposal in first week of semester. Some meetings of all students are required during semester.	Undergraduate	Semester 2, 2018	Humanities and Social Sciences	1		

Work Placement in Indigenous Australian Studies	This course is a supervised work placement with a government department in Indigenous affairs, an Indigenous organisation or another approved workplace focused on Indigenous issues. The duration of the placement is 40-60 hours and a suitable timetable for the placement will be negotiated between the academic supervisors, the work place organisation and supervisor and the student. This course enables students to focus on the integration of real-world experience with course material. Students are required to obtain approval from coordinator before enrolment.	Undergraduate	Semester 2, 2018	Humanities and Social Sciences	1		
Working with Indigenous People	Critical examination of conceptual and practical issues arising in research on and with Indigenous people with a focus on the Australian context.	Undergraduate	Semester 2, 2018	Humanities and Social Sciences	1		
Accounting for Decision Making	Introduction to the accounting environment, analysis and interpretation of financial statements and other business information for the purpose of decision making.	Undergraduate	Semester 1, 2018	Business School	2		
Financial Reporting	Develops the framework for the preparation and interpretation of financial statements through the provision of information on a range of common business transactions for companies, and on regulatory framework for financial reporting.	Undergraduate	Semester 1, 2018	Business School	2		
Principles of Management Accounting	Introduction to cost accounting concepts: relevant to planning, controlling & decision-making activities within organisations. Focusing on the accounting systems that managers use in their decisions about resource allocation & performance evaluation; especially within the manufacturing environment.	Undergraduate	Semester 1, 2018	Business School	2		
Principles of Financial Accounting	Develops the framework for the preparation and interpretation of financial statements through the provision of information on a range of common business transactions for companies, and on regulatory framework for financial reporting.	Undergraduate	Semester 2, 2018	Business School	1		
Financial Accounting for Business	Develops the framework for the preparation and interpretation of financial statements through the provision of information on a range of common business transactions for companies, and on a regulatory framework for financial reporting.	Undergraduate	Semester 2, 2018	Business School	1		

Auditing & Public Practice	Financial information; demand & supply; audit profession; audit process; evidence, program planning, statistical sampling; examinations; analysis of organisation; internal control, testing of transactions, balances & allocations; the computer; reports; responsibility of auditor.	Undergraduate	Semester 1, 2018	Business School	2		
External Reporting Issues	Role of accounting information in financial contracts, accounting for shareholders' equity, revenue, expense, assets & liabilities, with applications to leases, extractive industries, income tax.	Undergraduate	Semester 1, 2018	Business School	2		
Accounting for Corporate Structures	Accounting for corporate group structures, joint arrangements, associates, foreign currency translations, operating segments, external administration and capital structures.	Undergraduate	Semester 1, 2018	Business School	2		
Management Accounting	Accounting information relevant for planning, control & performance evaluation decisions by management in business & non-business organisations; alternative analyses & systems; conceptual issues & behavioural implications.	Undergraduate	Semester 1, 2018	Business School	2		
Advanced Management Accounting	Analysis of the design and use of management control systems; application of management control frameworks in analysis of case studies in for-profit & non-profit organisations.	Undergraduate	Semester 1, 2018	Business School	1		
Financial Information in Capital Markets	Economics-based research in financial accounting, in particular studies of use of accounting information in capital markets & factors influencing choices of accounting policy.	Undergraduate	Semester 1, 2018	Business School	1		
Accounting Honours - Special Topic	Financial accounting research & its implication for practice. Specific issues are included according to their importance to professional practice & accounting regulation.	Undergraduate	Semester 2, 2018	Business School	1		
Managerial Accounting Honours A	The course introduces the major theoretical foundations of management accounting research, including economic (agency), psychological, and organizational (contingency) approaches, with a particular emphasis on contingency theory. A major focus of the course is the design and use of management control systems (MCS), and within this focus, the operation of performance measurement systems and budgets are considered. Management accounting research across different sectors (for example, for-profit, non-profit) is discussed, along with the implication of MCS design choices both within the firm, and in inter-firm relationships.	Postgraduate Coursework	Semester 1, 2018	Business School	1		

Accounting	An introductory course that equips students with an integrated base of theoretical and technical knowledge and skills in financial accounting. Financial accounting is a system used to prepare reports that disseminate information about the performance and financial status of a business to external parties. For example, the system used by the directors of a public company to prepare financial statements in the annual report issued to shareholders of that company. This course commences with an introduction to accounting terminology, the basic financial statements required for most businesses in the context of the Australian regulatory environment and the latest Australian Accounting Standards after harmonisation with the International Accounting Standards. The body of the course focuses on the skills necessary for the preparation and analysis of information contained in external financial statements, these being - the Income Statement, the Balance Sheet, the Statement of Changes in Equity and the Cash Flow Statement. Specific accounting issues relating to revenues, expenses, assets, liabilities and equity are addressed within the context of the financial statements. Interpretation and evaluation of information presented in financial statements are also undertaken using ratio analysis techniques.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Financial Accounting	External reporting by companies, in particular, annual reports of public companies & reasons for alternative accounting & techniques used in such reports.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Auditing	Conceptual framework of field of auditing. Problem-solving skills to carry out effective & efficient audits.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Corporate Accounting	Impact of corporate structures on financial statements & contracts written by diversified entities.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Financial Statement Analysis	Financial statement analysis, traditional procedures & current developments. Use of accounting data for valuation of firms.	Postgraduate Coursework	Semester 1, 2018	Business School	2		

Management Accounting and Control	To enable potential managers to make informed decisions about costs and cost management; organisational plans and budgets; and the evaluation of business and managerial performance within a framework value creation and the effective and efficient use of organisational resources.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Accounting and Business Analysis	Accounting involves compiling & interpreting financial information about an enterprise & its activities as a basis for making & evaluating economic decisions about the deployment of resources. Therefore, a basic knowledge of accounting is important for anyone involved in modern enterprises, whether they be profit oriented or government/non-profit entities. The aim of the course is to provide a broad understanding of the accounting discipline to enable students to comprehend, evaluate, interpret, question & intelligently discuss accounting information; & understand the uses, limitations, complexities & evolving nature of accounting.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Online Advertising	The Advertising industry has undergone significant transformations in recent years as interactive and digital media have changed media and advertising. This course will explore the implications for media content, audiences, modes of media consumption and production, modes of delivery for advertising and methods of audience measurement within an online environment. The course investigates developments in digital and interactive media, the online advertising environment and online media/advertising consumption by audiences. Students will gain practical skills in how to use online environments for advertising: how to target particular audiences, how to manage online content and digital objects, and other practical considerations such as how to utilize social media, and the importance of Search Engine Marketing.	Undergraduate	Semester 1, 2018	Business School	1		

Foundations of Advertising	This course examines the business of advertising. It addresses the history, structure, workings, context and regulatory framework of the advertising industry in Australia and situates this in a global context. Theoretical foundations of advertising and their application to planning and implementing advertising strategies will be addressed. Students will gain practical knowledge of the advertising industry, including creation of successful campaigns and assessment of campaign effectiveness. Guest speakers from the advertising industry will demonstrate the roles of advertising industry stakeholders, and what constitutes effective campaigns.	Undergraduate	Semester 1, 2018	Business School	1		
Advertising Media	This course explores the world of advertising and media industries and examines the various media that are used for advertising. Media and Advertising Industry guests share their experiences, discuss the costs, constraints, and opportunities presented when using different media for advertising, together with the importance of understanding the measurement of media audiences. The course introduces students to current advertising media issues including media fragmentation and the integration of the ever-developing range of digital media into current media campaigns. Practical workshops introduce creative advertising strategies and skills. Students develop an understanding of audience measurement, basic media data, and subsequent media selection. Student teams work on creative concept development and copywriting to design a fun advertising campaign to 'sell the unsellable'. Students teams develop their skills further by selecting media and creating an implementable advertising campaign.	Undergraduate	Semester 2, 2018	Business School	1		
Advertising & Consumer Culture	Students apply previously learned theories by analysing advertising texts and by examining how advertising strategies have evolved.	Undergraduate	Semester 2, 2018	Business School	1		

Advertising Strategy	This course provides students with an advanced understanding of advertising strategy. It brings together and builds on the various practical and theoretical aspects of advertising addressed in other ADVT courses, and offers guidelines for best practice in advertising strategy. The lectures, readings and discussions give an important theoretical framework for the students' practical, intellectual and creative development in advertising. Students will learn how to develop, critique and assess advertising strategy. The course will include: analysis of advertising strategy, with detailed discussion of significant global and local advertising campaigns; an overview of current theory and research about advertising strategy, and examination of what makes for effective advertising; advanced media analysis, applying audience research to strategy development; practical application of these various elements in advertising strategy development exercises.	Undergraduate	Semester 2, 2018	Business School	1		
Advertising Research	Advertisers' expenditure on media and related activities continues to rapidly change and expand (especially in emerging economies), and more than ever before this expenditure is subject to significant financial and marketplace scrutiny. This course is designed to offer students an opportunity to develop in-depth knowledge of the main quantitative and qualitative methods used in advertising and media research, especially for the purposes of advertising evaluation. Emphasis is placed on the importance of research in advertising and media, applied research skills for advertising evaluation and media measurement, and critical analysis skills relating to advertising and media research. Students will gain a strong theoretical and practical understanding of relevant research techniques and topical research issues in the field, through exposure to academic and industry research readings, case studies, assessment relating to a real campaign, and industry guest lecturers.	Undergraduate	Semester 2, 2018	Business School	1		

Creative Advertising and Production	This course further develops students understanding of production processes involved in the execution of creative advertising. Using digital videos and production/editing software, the students will undertake practical creative tasks. The course examines several different aspects of creative production, from creating powerful visual images, using digital cameras and videos, creating, recording and manipulating sound for creative purposes, filming and editing video, copywriting, scriptwriting and narrative development. Media production professionals will be involved in guest lectures and workshops, to help develop students' skills in producing and understanding creative and persuasive content. However, emphasis is placed on the management and coordination of content production.	Undergraduate	Semester 1, 2018	Business School	1		
Contemporary Issues in Advertising	ADVT3508 provides students with an in-depth and critical review of contemporary advertising research and issues. A broad overview of influential advertising theories, research and practice underpins this analysis. The course aims to equip students with the knowledge and skills needed to undertake a comprehensive review of contemporary issues that pushes the boundaries of our knowledge of the field.	Undergraduate	Semester 1, 2018	Business School	1		
Strategic Advertising Management	This course provides an advanced understanding of various traditional and new media that are used for advertising and compares them in terms of costs, constraints, opportunities and measurement. The course examines current media industry issues including media fragmentation, digital media and convergence, and changing media consumption. Students will apply theoretical and practical knowledge acquired from lectures, workshops and case examples, to the development of a creative advertisement and media plan, and learn to critically examine media placement decisions and campaign strategy.	Postgraduate Coursework	Semester 1, 2018	Business School	2		

Digital Advertising Strategy	This course introduces students to marketing and advertising processes for creating value and managing consumers in expanding electronic, interactive, and networked environments. In this subject students will examine marketing?s role in developing solutions that leverage consumers engagement with technological platforms and gain practical insight into the application of technology in product and service design, advertising, branding and communications, and e-marketing strategy.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Fundamentals of Advertising	The advertising and media industry plays a significant role in developed and an increasingly significant role in emerging economies. This course introduces students to the fundamentals of advertising, including the business of advertising, the history and structure of the industry, and the role of regulatory frameworks. There is a particular emphasis on developing a practical knowledge of advertising, including the process of developing advertising strategies and the evaluation of strategy effectiveness. Guest speakers from the advertising industry will share various stakeholder perspectives, and their views on the defining characteristics of successful campaigns.	Postgraduate Coursework	Semester 1, 2018	Business School	3		
Creative Advertising Development	This course further develops students' understanding of production processes involved in the execution of creative advertising in a contemporary communication context. Using digital videos and production/editing software, students will undertake practical creative tasks. This course examines several different aspects of creative production from creating powerful visual images, using digital cameras and videos, creating, recording and manipulating sound for creative purposes, videography and editing video, copywriting, scriptwriting and narrative development. However, emphasis is placed on developing creative thinking skills, and applying them purposefully through the management and coordination of content production.	Postgraduate Coursework	Semester 2, 2018	Business School	1		

Social Media Management	Social media is the fastest growing area of advertising expenditure worldwide. Advertisers are increasingly shifting their advertising expenditure to social media at the expense of traditional media formats (especially broadcast media). This course provides students with an introduction to the effective use of social media by advertising and places emphasis on planning and evaluation of social media strategies. Employment opportunities in social media are rapidly growing.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Media Planning and Buying	The business of advertising is driven by large global advertisers and the media companies supporting and implementing their media planning and plans. This course provides an overview of the processes of media buying and planning with an emphasis on the design and implementation of strategic media plans. Media companies are major employers within the advertising industry and today they dominate the advertising and media landscape.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Advertising Research Methods	The design and implementation of effective advertising and media strategies requires careful evaluation. The course Advertising Research Methods provides students with an overview of the methods and techniques used to evaluate advertising effectiveness and research consumer responses to advertising more generally. Employment in advertising research requires special expertise and is an area of growing employment demand.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Aero Design and Manufacturing	This course examines aerospace structural design, with an emphasis on metallic structures. The course covers: 1) certification (i.e. what is required to demonstrate that a structural component is safe and compliant with applicable regulations); 2) stress analysis techniques used to design and certify the thin walled structures which comprise most of the aircraft structure; 3) characteristics and manufacturing processes for high strength aerospace metallic materials; 4) structural optimisation in a practical context (i.e. how to design a component, in terms of materials and sizing, to have minimum weight, the required strength, and be suitable for manufacture).	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		

Flight Mechanics & Avionics	Flight mechanics deals with the interaction between vehicles and the atmosphere. Problems in this area include producing more efficient designs, improving the control systems for aircraft, reducing aircraft vibration and noise, etc. The course covers aircraft performance during take-off, climb, level flight and landing. Aircraft stability and static equilibrium including the effect of components, aircraft control surfaces and devices, and trimmed equilibrium condition and its effect on performance.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Aerospace Composites	Application of composite materials used in the aerospace industry. Characteristics of composite materials; Analysis of the stiffness & strength behaviour of fibre-reinforced composite & sandwich structures; Composite materials manufacturing processes & techniques used in the aerospace industry.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		
Aerospace Propulsion	Air-breathing propulsion systems; rocket propulsion systems; combustion applied to aerospace propulsion systems.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		
Hypersonics & Rarefied Gas Dynamics	Hypersonic gas dynamics including: hypersonic equivalence, small perturbation, blunt body analysis, viscous flows, non-equilibrium flows, rarefied gas dynamics, satellite drag.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		
Space Engineering	The course draws upon and extends many of the methods used by mechanical and space engineers in their professional practices. You will learn how to perform advanced trajectory design and launch vehicle sizing; analyse issues related to thermal loading and control of space systems, perform reliability estimates for complex systems, analyse complicated tasks by reducing them to their individual components, and communicate your ideas and concepts through engineering drawings and written and oral reports.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		

Food and Fibre Case Studies I	At an introductory level, the course examines strategic issues set in the context of food & fibre industries. Students carry out investigations framed around contemporary issues faced by agribusiness managers in firms & organizations providing inputs & services (finance, farm merchandise, technical services, plant & equipment & human resources) to agricultural, pastoral & horticultural producers. Each case study involves interviews with managers & other stakeholders. This is the first level of three courses that constitute the educational spine of the Agribusiness degree program.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Food & Fibre in the E-Landscape	An introduction to the electronically enabled food and fibre sector. The concept of the e-landscape and the associated major technologies used through the supply chain of various agri-industries from on-farm (eg precision farming, the NLIS, waste water management) to the end customer (eg product traceability systems, cold chain technologies, and social media). Current agri-industry examples will be used throughout. Students are expected to attend lectures, spend approximately 2hrs per week online and 6hrs of self study. Course content is provided through lectures, reading materials posted on the Course Blackboard site and via in-class and online Discussions.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Applied Biology I	The study of animal biology encompasses the origin, diversity, mechanisms of evolution, and structure and function of animals as well as application of this fundamental knowledge in agriculture.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Applied Biology II	The study of plant biology encompasses the origin, diversity, structure & internal processes of plants as well as their relationships with other organisms & the physical environment. This underpinning knowledge is essential for understanding the fundamental role of plants in nature and their application to agriculture and horticulture.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Applied Mathematics and Statistics	Introduction to basic mathematical and statistical techniques and their applications in a wide range of discipline areas related to plant and animal agriculture.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		

Cell and Tissue Biology for Agriculture and Veterinary Science	Understanding the structure and function of cells and cell components is intrinsic to defining how tissues, organ systems and ultimately whole organisms operate in normal, healthy conditions. This includes how cells communicate with each other and regulate coordinated activity. This course describes basic physiological principles that govern cellular activity. It also provides students with the opportunity to explore the ultrastructure of cells and link form to function using observational, research and experimental approaches.	Undergraduate	Semester 2, 2018	Veterinary Science School	1		
Food and Fibre Case Studies II	Building on Food & Fibre Case Studies I, it addresses strategic issues in food & fibre firms & organisations downstream of the farm gate, such as processors, transporters, wholesalers & retailers - the value-adding sector of agribusiness. Students address & report on contemporary issues through a series of case studies involving interviews with managers & their supply chain partners. This is the second level of three courses that constitute the educational spine of the Agribusiness degree program.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Agricultural Biochemistry	The role of animals, plants & microbes in agriculture & the environment from a knowledge of metabolism & biochemical pathways.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Agricultural Microbiology & Gene Technology	Introduction to the form, function & physiology of the major microbial groups, particularly as they relate to plant and animal health & production; introduction to the basic theory & applications of gene technology.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Agribusiness Planning and Management	The foundation of this course builds on the basic management functions applicable to most enterprises, with a specific focus on planning. After the foundation phase the focus shifts to applying those concepts to the organisations in the agri sector, including farming enterprises. The course aims to give the students as much exposure to industry as possible through guest lectures and numerous case studies, with a focus on class group presentations.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		

Agricultural Economics	Agricultural and resource economics addresses the economic and policy issues associated with agricultural production, marketing and resource use. Agricultural production and cost economics, farm management economics, agricultural marketing economics and agricultural and resource policy analysis.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Industry Placement	This course provides students with the opportunity to gain at least 120 hours of practical experience in the application of theoretical concepts and knowledge in a host organisation in Australia that has direct links with the students chosen plan of study. Students are assessed on the completion of specific work during their placement that is of mutual benefit to the student and the organisation. Students must work with their placement provider to complete a placement plan that is beneficial to the provider and of sufficient technical content to meet the academic requirements of the course. To be eligible to enrol in this course students must have completed a minimum of #20 (units) towards the degree. The placement plan must be authorised by the provider and be supplied at the time of application for enrolment in the course. Applications can be submitted through https://placements.uq.edu.au/.	Undergraduate	Summer Semester, 2	Agriculture Food Sciences Schl	1		
Food and Fibre Case Studies III	Through a project focused on a major strategic issue, this course integrates material drawn from discipline based courses & utilises the knowledge & skills developed through Food & Fibre Case Studies I & II. Students in this course complete a semester-long research assignment for a 'client' firm or organisation which is linked to agricultural, pastoral or horticultural industries. This is the capstone course of the Agribusiness degree program.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Agrifood Strategy & Competitiveness	Based on agribusiness and food industry case studies, this course examines strategic issues underpinning competitiveness.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		

Plants for Human Health	This course focuses on drug discovery from plants (approx. 70% of medicines come from plants) and nutritional aspects (healthy food). It will also cover medicinal plants, traditional plant-based medicine and toxic plants with an emphasis on Australian natives, showcasing the value of plant and metabolic diversity. The course is highly interdisciplinary, covering all aspects from initial screening to translational research and commercialisation. Topics include the selection of plants based on their environment, screening of bioactive compounds with medical or nutritional value, compound isolation, functional characterisation, bioavailability, mode of action, and translational research, including human trials and commercialisation.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Crop Physiology	Crop physiology provides a framework to allow you to analyse when, where and which crops to grow and how to maximise the productivity for the environmental constraints that exist. We need to understand how crops are limited by any type of stress, and what types of plant traits (characteristics) allow adaptation to that stress through agronomy and breeding. The basis of new scientific tools like crop simulation models and automated phenotyping (using robots and drones) are taught in this course, showing how crop physiology underlies research areas ranging from managing production risk through to modelling the effect of climate change on future production.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		

Plant Breeding	This course provides students with an opportunity to explore the complexities and challenges of modern plant breeding. The course will cover the foundations of cultivar development through the application of cross breeding and selection, coupled with a range of advanced breeding technologies that are used in the development of breeding schemes leading to the release of improved plant varieties and cultivars. This will be examined in the context of population improvement and the development of inbred, hybrid, synthetic and clonal cultivars. Case studies and simulations will be used to highlight recent advances in plant breeding research, examine the impacts of gene action, heritability and genotype x environment interactions on the outcomes from breeding and selection.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Animal and Plant Biosecurity	Biosecurity refers to the control and risk mitigation of hazardous biological agents. Issues relating to infectious diseases, invasive pests, biological control programs, and intentional misuse of biological agents means that an understanding of biosecurity is an essential competence for those working in the biological disciplines. This course aims to provide students with a fundamental understanding of what constitutes such biological hazards, the theory and practice of avoiding or controlling these hazards, the regulatory framework for managing biosecurity, and opportunities to explore topical examples of biosecurity issues. The course content will re-contextualise and complement material from other course material relating to infectious diseases, epidemiology, ecology and animal and plant science.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Special Topic II	Directed work conducted under supervision of a member of academic staff & approved by Head of School (or nominee).	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	2		

Design and Analysis of Experiments	The course will cover the principles of design of controlled experiments, including replication, randomisation, reduction of experimental error in agricultural related disciplines. Methods for analysis of variance with one and two levels of randomisation, regression and model fitting. Other topics include ANOVAs with blocking, factorial designs, Latin Square, Split plot, Split-Split-Plot, unbalanced designs. Repeated measures, introductory longitudinal analysis, response surface models and multivariate regression methods may be covered. Practical issues such as missing values and imputation will be covered. Introduction to statistical packages and computer exercises will be given in mostly R and RStudio (2015, The R Foundation for Statistical Computing). Other statistical software packages may be used on occasions for demonstration purposes such as SPSS (IBM SPSS) or SAS (SAS Institute, Cary, NC).	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Research Communication	This course addresses the need for science graduates with high-end communication skills. The course specifically addresses the need for advanced verbal and written skills that bridge from non-expert to expert audiences. Course participants will develop transferable skills that include effective visualisation of information, communication with industry, government and media, grantsmanship and writing scientific publications. The course complements other elements of the Honours year to ensure that students are highly competent communicators, not only in their field of expertise but also communicating outreach and popularisation of science.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Entrepreneurship in Agriculture	The course will empower students with the conceptual awareness and skills to understand how they could structure and adapt their research so that the outcomes could feasibly be commercialised.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		

Research Project	Design, implement, complete and report on an independent research project in an agricultural science specialization. Communicate the research in oral and written formats. Students completing the course in one semester must enrol in AGRC4613. Students enrolling in the year-long course enrol in AGRC4614 if commencing in semester 1 and finishing in semester 2 or AGRC4615 if commencing in semester 2 and finishing in semester 1 or AGRC4616 if commencing in semester 2 and finishing in summer semester or AGRC4617 if commencing in summer semester and finishing in semester 1. Students completing the year-long course must enrol in the same course code in 2 semesters.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	2		
Research Project	Design, implement, complete and report on an independent research project in an agricultural science specialization. Communicate the research in oral and written formats. Students completing the course in one semester must enrol in AGRC4613. Students enrolling in the year-long course enrol in AGRC4614 if commencing in semester 1 and finishing in semester 2 or AGRC4615 if commencing in semester 2 and finishing in semester 1. Students completing their project at the St Lucia campus or via external mode, please contact the School of Agriculture and Food Sciences for enrolment advice (agriculture@uq.edu.au).	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Honours Research Project	Design, implementation & presentation of research project in the field of animal or plant Science with an emphasis on defining the research issue, establishing methodology, undertaking appropriate analysis of data and drawing defensible conclusions.Students commencing in Semester 1 full-time enrol in AGRC6001 for 2 consecutive semesters.Students commencing in Semester 2 full-time enrol in AGRC6002 for 2 consecutive semesters.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	2		

Honours Research Project	Design, implementation & presentation of research project in the field of animal or plant Science with an emphasis on defining the research issue, establishing methodology, undertaking appropriate analysis of data and drawing defensible conclusions.Students commencing in Semester 1 full-time enrol in AGRC6001 for 2 consecutive semesters. Students commencing in Semester 2 full-time enrol in AGRC6002 for 2 consecutive semesters.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Honours Research Project	Design, implementation & presentation of research project in the field of animal or plant Science with an emphasis on defining the research issue, establishing methodology, undertaking appropriate analysis of data and drawing defensible conclusions.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Honours Research Project	Design, implementation & presentation of research project in the field of animal or plant science with an emphasis on defining the research issue, establishing methodology, undertaking appropriate analysis of data and drawing defensible conclusions.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Agricultural Research Methodologies	This course encompasses both qualitative and quantitative research and analysis. Students will gain an understanding of the skills needed to design and undertake a research project including: legal and ethical requirements in planning research projects; choosing the best experimental design and analytical methods and how to present data for extension to the wider community.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Postgraduate Advanced Topic I	An advanced piece of work in a specialist area relevant to the student's program & conducted under the supervision of a member of academic staff.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Postgraduate Advanced Topic II	An advanced piece of work in a specialist area relevant to the student's program & conducted under the supervision of a member of academic staff.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Postgraduate Advanced Topic III	An advanced piece of work in a specialist area relevant to the student's program & conducted under the supervision of a member of academic staff.	Postgraduate Coursework	Summer Semester, 2	Agriculture Food Sciences Schl	1		

Honours Research Project	Design, implementation & presentation of research project in the field of animal or plant science with an emphasis on defining the research issue, establishing methodology, undertaking appropriate analysis of data and drawing defensible conclusions.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Advanced Agronomy	Advanced study of agronomic practices, concentrating on plant adaptation & the evaluation of agronomic practices used in field crop & pastoral production systems.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Agrifood Strategies and Competitiveness	Based on agribusiness and food industry case studies, this course examines strategic issues underpinning competitiveness.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Agricultural Research Methodologies	This course encompasses both qualitative and quantitative research and analysis. Students will gain an understanding of the skills needed to design and undertake a research project including: legal and ethical requirements in planning research projects; experimental design and analytical methods and how to present data for extension to the wider community.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Leadership in Rural Industries and Communities	The course covers the principles and practices of effective leadership as applicable in rural business, industry and communities, in the emerging world of rapid change, hyper-connectivity and uncertainty. It describes theories, methods and tools for leading through change, harnessing diversity, attributes and practices of leadership, negotiation and conflict management and contributing leadership in groups and teams.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Extension and Participatory Practice	This course will no longer be offered in external mode from 2017 onwards The course covers the principles and practices of extension and participation methodologies in rural settings. It describes the aims, incentives and barriers to stakeholder participation and learning, and practice change. It includes models of extension and theories of change, action learning and participatory processes.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		

Design and Analysis of Experiments	The course will cover the principles of design of controlled experiments, including replication, randomisation, reduction of experimental error in agricultural related disciplines. Methods for analysis of variance with one and two levels of randomisation, regression and model fitting. Other topics include ANOVAs with blocking, factorial designs, Latin Square, Split plot, Split-Split-Plot, unbalanced designs. Repeated measures, introductory longitudinal analysis, response surface models and multivariate regression methods may be covered. Practical issues such as missing values and imputation will be covered. Introduction to statistical packages and computer exercises will be given in mostly R and RStudio (2015, The R Foundation for Statistical Computing). Students will be expected to develop code for particular designs and interpret output. They will be required to start with design and layout through to analysis and interpretation. Use of their own datasets will be encouraged for a special topics. Other statistical software packages may be used on occasions for demonstration purposes such as SPSS (IBM SPSS) or SAS (SAS Institute, Cary, NC).	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Graduate Research Project I	Design, implementation & presentation of a research project with emphasis on defining the research issue, establishing methodology, undertaking appropriate analysis of data & drawing defensible conclusion.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Graduate Research Project III	Design, implementation & presentation of a research project, with emphasis on defining the research issue, establishing methodology, undertaking appropriate analysis of data & drawing defensible conclusions. Students completing the course in one semester must enrol in AGRC7617. Students commencing in sem 1 must enrol in AGRC7618 for both sem 1 & 2. Students commencing in sem 2 must enrol in AGRC7619. NOTE: Students completing their project at St Lucia or at an external institute should enrol in the Gatton mode of offer. Contact safs@enquire.uq.edu.au for enrolment queries.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	2		

Graduate Research Project III	Design, implementation & presentation of a research project, with emphasis on defining the research issue, establishing methodology, undertaking appropriate analysis of data & drawing defensible conclusions. Students completing the course in one semester must enrol in AGRC7617. Students commencing in sem 1 must enrol in AGRC7618 for both sem 1 & 2. Students commencing in sem 2 must enrol in AGRC7619. NOTE: Students completing their project at St Lucia or at an external institute should enrol in the Gatton mode of offer. Contact safs@enquire.uq.edu.au for enrolment queries.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Graduate Research Project III	Design, implementation & presentation of a research project, with emphasis on defining the research issue, establishing methodology, undertaking appropriate analysis of data & drawing defensible conclusions. Students completing the course in one semester must enrol in AGRC7617. Students commencing in sem 1 must enrol in AGRC7618 for both sem 1 & 2. Students commencing in sem 2 must enrol in AGRC7619. NOTE: Students completing their project at St Lucia or at an external institute should enrol in the Gatton mode of offer. Contact safs@enquire.uq.edu.au for enrolment queries.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	2		
Anatomical Basis of Human Movement	Integrated course in systematic gross anatomy basic to further study in field of human movement. Introduction to musculoskeletal system, neuroanatomy & all visceral systems.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Regional Anatomy	Regional anatomy of the human body. An integrated approach focusing on the skeletal, muscular & nervous systems, particularly of the limbs & back.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Systematic & Applied Anatomy	Integrated course in systematic gross anatomy with applications specific to further study in occupational therapy. Structures of the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems will be examined.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Regional, Neuro & Applied Anatomy	Regional & applied anatomy of the human body. An integrated approach focusing on the skeletal, muscular & nervous systems, particularly of the limbs & back.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		

Systematic Anatomy	Structures of the integumentary, skeletal, muscular, nervous, endocrine, cardiiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems will be examined.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Anatomy of the Head, Neck & Thorax	Specific topographic anatomy of the head, neck & thorax emphasising structure & function of organs of speech, hearing & vision.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Functional Musculoskeletal Anatomy - Health Science	This course provides a broad overview of human functional anatomy with focus on the muscular, skeletal & nervous systems. Topics include i) tissue organization and mechanical properties; ii) integration of the muscular, skeletal & nervous systems for movement; and iii) the influence of maturation, ageing, exercise, immobilisation and injury on components of the musculoskeletal system.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Neuroanatomy (Speech Pathology)	Specialised neuroanatomy of functional systems relevant to speech therapy. Emphasis on brain stem, cranial nerves, cerebellum, thalamus, motor systems & blood circulation.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Functional Anatomy (Physiotherapy)	This course is designed to provide continued study of the musculoskeletal and nervous systems in relation to their function and dysfunction in human movement.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Functional Musculoskeletal Anatomy - Human Movement	This course provides a broad overview of human functional anatomy with focus on the muscular, skeletal & nervous systems. Topics include i) tissue organization and mechanical properties; ii) integration of the muscular, skeletal & nervous systems for movement; and iii) the influence of maturation, ageing, exercise, immobilisation and injury on components of the musculoskeletal system.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Functional Neuroanatomy	Up-to-date concepts & notions of human brain & behaviour for science and psychology students. Emphasis on factors which define brain structures & functions & cognitive functions. Practical classes based on histology and macroscopic anatomy.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Anatomical Fundamentals for Speech & Language	Understanding of head & neck anatomy as well as anatomy relating to the thorax & respiratory system.	Postgraduate Coursework	Semester 2, 2018	Biomedical Sciences School	1		

The Rise of Ancient Greece: Greek History to the 4th Century BC	A survey of early Greek history and society in the light of literary and archaeological evidence. The course commences with the Bronze Age civilizations of Crete and Mycenae and extends to the fall of classical Athens in 404 BC. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
The Rise of Ancient Rome: Roman History from Romulus to Augustus	A survey of Roman history and society from the eighth century BC to the early first century AD. The course covers the foundation and fall of the Roman Republic with special attention to Sulla, Caesar, Antony and Augustus. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Myth, Magic and Religion in the Ancient World	This course uses written and visual sources to examine public and private roles of religion, and explores the nature of myth in relation to society. As this is an advanced course in Ancient History, some knowledge of the Greek and Roman worlds would certainly help, but this does not preclude beginners. If you wish to discuss any aspect of this course, please contact the course coordinator. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Alexander the Great and the Hellenistic World	A study of the career and influence of Alexander the Great of Macedon. Emphasis will be placed on the character of the Macedonian monarchy inherited from Philip II, on Alexander's conquest of the Persian Empire, and on political, military and cultural developments in the Hellenistic world down to the coming of Rome. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
The Career and Influence of Julius Caesar	A study of the main episodes and controversies attending the life of Gaius Julius Caesar, with special attention to his influence on later Roman and western history and culture. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		

Art & Archaeology of Ancient Rome	A survey of the major achievements of Roman visual arts and architecture and the influences that helped to shape these achievements. The following topics will be treated in detail: the buildings and monuments of the city of Rome, including temples, baths, fora, sculpture, mosaics and painting, with particular reference to Roman attitudes to the arts. There will be study of relevant artefacts in the Antiquities Museum. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
The World of Late Antiquity	This unit explores the political, social and cultural transformation of the ancient world circa A.D. 300-600, the period now known as `Late Antiquity?. It will examine topics such as the fragmentation of the Roman empire, the rise and spread of Christianity throughout the ancient world, the interaction between Christians and pagans, the transformation of cities and civic life, the changing social fabric (slavery, law, the family), and the conflicts between Rome and its neighbours.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
R.D. Milns Antiquities Museum International Internship and Field	This course gives students the opportunity to participate in an International Internship Program and Field School, and work with international scholars, while experiencing modern Italian and Ancient Roman culture. Students will learn about museological practices in Antiquities Museums and archaeological sites in Italy, and participate in a material culture field school where they will gain practical, hands-on experience in the study of archaeological artefacts and their interpretation after they are excavated but before they are acquired by museums.	Undergraduate	Summer Semester, 2	Historical & Philosophical Inq	1		

Special Topic in Greek History	This course will examine a topic in Greek history, or Greek culture more broadly, in a manner designed to foster research skills in students. There will be a stronger emphasis on historiographical features of relevant texts than in ANCH courses at 1000- and 2000-level, and students will be expected to display greater independence of thought and an advanced capacity for self-management in comparison to lower-level courses. The course will attempt to move beyond earlier scholarship and to suggest possibilities for future research that might be tackled independently or collaboratively, in a variety of written forms.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Honours Research Thesis	Up to 20,000 words to be written on a topic chosen by the student, subject to the approval of the Postgraduate Coordinator in consultation with the intended supervisor. Full-time students commencing in Semester 1 enrol in ANCH6850 for two consecutive semesters (Part A and Part B). Full-time students commencing in Semester 2 enrol in ANCH6860 for two consecutive semesters Part A Sem 2 and Part B in Sem 1 of the following year).	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	2		
Honours Research Thesis	Up to 20,000 words to be written on a topic chosen by the student, subject to the approval of the Postgraduate Coordinator in consultation with the intended supervisor. Full-time students commencing in Semester 2 enrol in ANCH6860 for two consecutive semesters (Sem 2 and Part B in Sem 1 of the following year). Full-time students commencing in Semester 1 enrol in ANCH6850 for two consecutive semesters Part A and Part B).	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	2		
Documentary Evidence for Ancient History	Examines the major types of documentary evidence available to the ancient historian. Topics will be drawn from epigraphy, numismatics and papyrology.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		

Studying Ancient History: Research Seminar	Family life in the ancient world was just as varied and at times problematic as it is in the modern world. For example, divorce and remarriage, concern for children, education and preparation for adult life, and the maintenance and transmission of property were all issues that concerned populations of the ancient Mediterranean. This course will analyse the nature and structure of the family and household in the ancient world, placing particular emphasis on the Roman familia and domus during the late Republican and Imperial periods. It will examine how public and private issues relating to family and property affected people of different social and cultural backgrounds.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Ancient Historiography	A study of the major extant and fragmentary Greek and Roman historians. There will be an emphasis on critical reading of the works of these writers in translation.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Fundamentals of Equine Science	This course provides an introduction to the many aspects of equine production and management including breeds and genetics, nutrition, behaviour, welfare, health and disease, occupational health and safety, equitation science, the performance disciplines, husbandry and management.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Animal Behaviour, Handling and Wellbeing	Integration of basic & applied principles of animal behaviour & welfare, & provides for the application of these principles to the handling, management & care of companion, farm, recreational & wild animals.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Dogs, cats and other pets	This courses focuses on major pet animal species, the human-animal bond, and the role of pets in society. Students learn about the biology, behaviour and management of dogs, cats, companion birds, rodent pets, reptiles, and other exotic species. The course also explores topical issues about these species.	Undergraduate	Semester 2, 2018	Veterinary Science School	1		

Equine Behaviour & Performance	The application of behavioural science as it relates to the horse and human-horse interaction. Basic learning theory is applied to all horses at all levels of training from birth to performance, with particular emphasis on horse welfare and behaviour. The biomechanics of equine locomotion and its relationship to training, exercise and performance are examined. (External students- 3-4 day Residential School)	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Equine Breeding and Stud Management	This course provides the underpinning science of reproduction in the horse and its application to the equine breeding industry. Anatomy, physiology, endocrinology and reproductive behaviour in the mare and stallion are discussed. Students gain extensive experience in reproductive management of the mare. Causes of reproductive wastage including infertility, embryonic and fetal loss and foaling difficulties and care of the neonate are covered. The theory and practice of ultrasonography are presented. Students gain experience in areas such as semen collection and evaluation. The principles or artificial insemination, embryo transfer and other assisted reproductive techniques are also covered. Facility design and stud farm management are also discussed.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Monogastric Production Systems	Concepts and practices used in the sustainable management of pig and poultry intensive livestock enterprises in Australia.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Animal Anatomy & Physiology 1	This course serves as an introduction to the structure and function of mammals from cells, to tissues and then some of the major organ systems.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Animal Anatomy & Physiology 2	This course follows on from ANIM2051 and includes, blood, the cardiovascular, nervous and endocrine systems with an emphasis on homeostasis.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Animal Nutrition	The nutrition of domestic and wild animals; nutritional ecology, nutrients, digestion and nutrient supply, food evaluation and quality, regulation of food intake, quantitative nutrition.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Ruminant Production Systems	Advanced concepts and practices used in the sustainable management of cattle, sheep and goat enterprises in Australia.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
The Management and Husbandry of Zoo Animals	Zoo biology associated with the management and husbandry of captive wildlife with a focus on Australian species.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		

Animal Breeding & Molecular Genetics	Genetic principles of inheritance, the molecular underpinnings of gene structure & function, & the basis of diseases of a genetic origin. Analysis for animal breeding programs to control disease or improve animal production.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Animal Health and Epidemiology	The maintenance of the health & productivity of individual animals, herds & flocks from a knowledge of disease pathogenesis, hygiene & the environmental factors affecting disease outbreaks.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Animal Reproduction	A comprehensive understanding of animal reproductive anatomy, physiology and behaviour.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Equine Nutrition & Health	This course presents the underpinning science of digestive physiology and nutrition in the horse. This knowledge is applied to the feeding management of horses to optimise health and performance. Disorders with a nutritional basis and their management and prevention are discussed. Other health topics including transport and biosecurity are covered.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Equine Exercise and Rehabilitation	This course is an introduction to the physiology and biomechanics of equine exercise with application to training and performance. The prevention and management of performance problems including rehabilitation from injury and disease are also covered.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Sustainable Animal Systems	Advanced concepts and practices used in the sustainable management of animal systems in Australia.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Animal Breeding & Genetics	The application of breeding programs in animal enterprises based on the principles of mendelian & population genetics.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Biology of Australian Marsupials and Monotremes	An investigation into the unique anatomy, physiology, natural history and management of Australian marsupials and monotremes. 13 weeks lecture and online learning + 3 day compulsory mid-semester residential school and 1 day non-compulsory field trip	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		

Animal Nutrigenomics and Metabolism	`Nutrigenomics' is the term used to describe the interface between the nutritional environment and genomic processes. The course provides a molecular understanding of how nutrients and bioactives affect productivity and health by altering patterns of gene expression. It also explores how genetic predisposition may influence the way an individual processes nutrients, opening up the possibility for personalised nutrition. A range of species will be used to illustrate the principles. Methods and data from a number of post-genomic technologies, including microarray gene expression platforms, SNP genotyping and mass spectrometry-based metabolomics will be explored.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Animal Welfare & Ethics	This course will provide a basic understanding of animal welfare science, to complement animal welfare information obtained in other courses. It will enable students to appraise welfare in animal industries, in particular farms, as well as in companion and wild animal settings. It will introduce them to the key roles of behavioural and physiological analysis in welfare assessment and will expose them to hypothetical situations in which they will be required to make judgements on animal management.	Undergraduate	Semester 2, 2018	Veterinary Science School	1		
Wildlife Husbandry and Utilisation	Nutrition, health, behaviour & breeding of wildlife (both Australian native & introduced) with regard to their use for production & amenity purposes.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Australian Marsupials and Monotremes	An investigation into the unique biology, natural history and management of Australian marsupials and monotremes.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Equine Digestive Physiology and Nutrition	This course provides students with a detailed understanding of the anatomy and physiology of the equine digestive system. The pathophysiology of nutritionally related diseases will be covered. The nutrient requirements of horses of all categories will be discussed. Knowledge of the nutrient sources available for horses with be related to the formulation of diets for all classes of horses.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		

Equine Exercise Physiology and Rehabilitation	This course provides the underpinning science of equine exercise physiology& its application to training regimens of the equine athlete. Methods of assessing & monitoring fitness are discussed. Biomechanics & its relationship to locomotion, injury & lameness are covered & the knowledge applied to the prevention and management of performance problems including rehabilitation from injury and disease.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Equine Health and Welfare	This course provides an understanding of equine health and welfare as it relates to the maintenance of the horse's health and wellbeing, prevention of disease, biosecurity and management of the horse and its environment.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Equine Reproduction	This course provides the underpinning science of reproduction in the horse and its application to the equine breeding industry. Anatomy, physiology, endocrinology and reproductive behaviour in the mare and stallion are discussed. Students gain extensive experience in reproductive management of the mare. Causes of reproductive wastage including infertility, embryonic and fetal loss and foaling difficulties and neonatal disease are covered. The theory and practice of ultrasonography are presented. Assisted reproductive technologies are taught and students gain experience in areas such as semen collection and evaluation, artificial insemination and embryo transfer. Stud farm management is also discussed.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Animals in Society	Integration of basic & applied principles of animal behaviour & welfare, & provides for the application of these principles to the handling, management & care of companion, farm, recreational & wild animals.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Animal Reproductive Science	A comprehensive understanding of animal reproductive anatomy, physiology and behaviour.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Animal Nutrition and Technology	The nutrition of domestic and wild animals; nutritional ecology, nutrients, digestion and nutrient supply, food evaluation and quality, regulation of food intake, quantitative nutrition.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		

Animal Nutrition and Nutrigenomics	`Nutrigenomics' is the term used to describe the interface between the nutritional environment and genomic processes. The course provides a molecular understanding of how nutrients and bioactives affect productivity and health by altering patterns of gene expression. It also explores how genetic predisposition may influence the way an individual processes nutrients, opening up the possibility for personalised nutrition. A range of species will be used to illustrate the principles. Methods and data from a number of post-genomic technologies, including microarray gene expression platforms, SNP genotyping and mass spectrometry-based metabolomics will be explored.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Concepts in Animal Science	Fundamental studies in animal welfare & behaviour; anatomy & physiology; nutrition; genetics, breeding & reproduction as well as health for students wishing to retrain in the animal science area.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Animal Breeding Technology	Application of assisted breeding technology for the reproductive management of domestic animals, exotics and Australian native species	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Introduction to Anthropology: People, Cultures and Societies	Anthropologists are experts in human diversity. Anthropologists develop insights into how and why the infinite range of human experiences matter for understanding the world today. This course provides an introduction to anthropological approaches, focussing on questions of how humans make society and culture and why this matters. Topics include the culture concept, linguistic and symbolic communication, the limits of sociobiology, politics and the environment, religion, kinship, economics and magic. Research techniques central to anthropology are taught and assessed through practical work in listening, observing, participating and reflecting on social and cultural worlds.	Undergraduate	Semester 1, 2018	Social Science School	2		
Anthropology of Aboriginal Australia	A course on the diversity of anthropological studies of Aboriginal societies in Australia. Topics include kinship, cosmology, material culture, art, gender, native title, land rights, and anthropology's engagement in public policy.	Undergraduate	Semester 1, 2018	Social Science School	1		

Material and Visual Culture	A survey of recent theories and methods in material visual and digital culture using case studies from world and Australian ethnography and practical studies with objects and images.	Undergraduate	Semester 1, 2018	Social Science School	1		
Anthropology: History, Theory, Practice	This course surveys the history and development of anthropological theory from antiquity to the present, and its application in ethnographic research and writing.	Undergraduate	Semester 1, 2018	Social Science School	1		
The Anthropology of Museums	ANTH2208 is an advanced, 2 unit course focusing on contemporary approaches to anthropology in and of museums. The course is a critical consideration of selected issues, methods and theories relevant to the anthropology of museums. These issues will be explored through an examination of relevant literature and engagement with the UQ Anthropology Museum collections. There is an integration of theory and practice in this course and a major practical project involving research of an item from the UQ Anthropology Museum collection.	Undergraduate	Summer Semester, 2	Social Science School	1		
Independent Study for Anthropology	Study project determined & developed by an individual student with prior approval of the Section Head & with the agreement of an academic member of staff to supervise & assess the student.	Undergraduate	Semester 2, 2018	Social Science School	1		
Applied Anthropology and Indigenous Territories	This course offers an introduction to the theory and practice of applied anthropology in Australia and comparative international contexts like New Zealand, Canada, and the United States of America. Seminars and workshops will particularly focus on skills for working with Indigenous people and territories, particularly in the areas of native title research, cultural heritage management, and development. Students also have the opportunity to participate in a fieldtrip to an Aboriginal cultural landscape destination to learn about applied anthropology and Indigenous territories in a real-world setting outside the University.	Undergraduate	Semester 2, 2018	Social Science School	1		

Migration, Culture and Identity	In this course students will learn how to apply anthropological skills and toolkits to address contemporary challenges relating to migration and current world issues, including displacement and forced migration. The experiences of refugees, asylum seekers, guest workers, astronaut families, displaced peoples, indigenous people, settlers, and colonists among others will inform our understanding of historical and contemporary migration and provide a grounding in the anthropological studies of migration and identity.	Undergraduate	Semester 2, 2018	Social Science School	1		
Development Practice & Social Impact	Training for students in all facets of Social Impact Assessment including project establishment and management, social mapping, survey options and tools, legal frameworks, cultural heritage and report production.	Undergraduate	Semester 2, 2018	Social Science School	1		
Ethnographic Fieldwork	The first half of the course will focus on the theoretical and methodological paradigm underlying ethnographic method. Students will learn about the logic of participant observation, forms of interviewing and other ethnographic approaches to social analysis. During the second part of the course, students will undertake a supervised placement or a volunteer role in a relevant organisation in which to practice ethnographic skills.	Undergraduate	Semester 1, 2018	Social Science School	1		
Advanced Research Topics in Anthropology	In this course students will critically reflect on the broad scope of anthropological inquiry by engaging with a range of advanced topics.	Undergraduate	Semester 2, 2018	Social Science School	1		
Honours Research Thesis	Independent research and thesis preparation under the guidance of a supervisor.	Undergraduate	Semester 1, 2018	Social Science School	2		
Honours Research Thesis	Independent research and thesis preparation under the guidance of a supervisor.	Undergraduate	Semester 1, 2018	Social Science School	1		

Medical Anthropology: Cross-Cultural Perspectives on Health and Development	The course is intended to provide students with a broad understanding of the field of medical anthropology as it applies to the field of international and community development. Course content will address topics such as cross cultural issues relating to health and illness in a variety of developed and developing country scenarios, public health anthropology, key social science approaches to global health, health and gender, the role of health organisations in addressing illness and disease in contingent settings, and the health of vulnerable populations. Topical subjects such as refugee health, transcultural mental health, maternal and child health, indigenous health and disability will be addressed.	Postgraduate Coursework	Semester 1, 2018	Social Science School	1		
Applied Anthropology and Indigenous Territories	This course offers an introduction to the theory and practice of applied anthropology in Australia and comparative international contexts like New Zealand, Canada, and the United States of America. Seminars and workshops will particularly focus on skills for working with Indigenous people and territories, particularly in the areas of native title research, cultural heritage management, and development. Students also have the opportunity to participate in a fieldtrip to an Aboriginal cultural landscape destination to learn about applied anthropology and Indigenous territories in a real-world setting outside the University.	Postgraduate Coursework	Semester 2, 2018	Social Science School	1		
Discovering Archaeology	Introduces students to archaeologists, sites, artefacts, concepts and methods to demonstrate how contemporary archaeology informs us about the ancient human past.	Undergraduate	Semester 1, 2018	Social Science School	2		
Archaeology of Australasia	Review and discussion of the archaeological evidence for human settlement and subsequent cultural change in the greater Australia region.	Undergraduate	Semester 1, 2018	Social Science School	1		

The Archaeology of Turkey	This course introduces students to the archaeology of Anatolian Turkey (Asia Minor) from its earliest occupation in the Palaeolithic to the pre-classical Iron Age, ending with Alexander's conquest in 334-333 BC. The course uses archaeological evidence of settlement, material culture, economy and environment to explore our understanding of the social, political, cultural and economic transformations in a vibrant and important area of the Eastern Mediterranean including the origins of humanity, origins and spread of farming, the first civilisations and the development and fall of empires, including the Hittites and Persia. Key sites and archaeologists will be described and current debates investigated, including the ethics of archaeology in Turkey and issues surrounding repatriation of cultural heritage items.	Undergraduate	Semester 1, 2018	Social Science School	1		
Predicting the Past	A survey of historical and contemporary theory as it applies to interpretation and explanation of the archaeological record. This course is a prerequisite for Bachelor of Science (Honours) in Archaeological Science.	Undergraduate	Semester 2, 2018	Social Science School	1		
Critical Studies in World Prehistory	ARCA3100 explores world prehistory through critical engagement with the published literature concerning themes in human evolution and dispersals, ancient culture change and contemporary views of the past. Using lectures, seminars and workshops the course develops the critical thinking and writing skills that underpin academic and broader professional practice in archaeology and heritage disciplines.	Undergraduate	Semester 1, 2018	Social Science School	1		
Honours Research Thesis	Independent research and thesis preparation under the guidance of a supervisor.	Undergraduate	Semester 1, 2018	Social Science School	2		
Honours Research Thesis	Independent research and thesis preparation under the guidance of a supervisor.	Undergraduate	Semester 1, 2018	Social Science School	1		
Archaeology Honours Research Seminar 1	This course provides an advanced level critical consideration of archaeological and archaeological science theory, methodology and practice for archaeology and archaeological science honours students.	Undergraduate	Semester 1, 2018	Social Science School	1		

Archaeology Honours Research Seminar 2	This course provides an advanced level of professional development for archaeology and archaeological science honours students with a focus on writing for publication, grants, conferences and job applications. The ability to present research findings and the ability to defend the research findings, is an essential part of advanced archaeological training.	Undergraduate	Semester 2, 2018	Social Science School	1		
Managing Cultural Heritage Places	This course considers heritage assessment and management processes, in particular the application of Burra Charter principles to 'real life' heritage scenarios encountered in the professional heritage sector. Working at the intersection between archaeological, anthropological and built heritage approaches to heritage management, the course includes: assessing the significance of heritage places and tailoring management recommendations to reflect significance; understanding the legislative frameworks for heritage management; preparing and understanding heritage register citations; preparing management plans; writing letters of heritage advice; mitigating adverse heritage impacts through excavation, interpretation, archival recording and other processes; understanding the roles played by different heritage professionals (archaeologists, anthropologists, historians, architects, conservators etc); understanding how consent agencies work and which agencies operate in different environments; scoping and costing projects; drafting and reading contracts of engagement.	Postgraduate Coursework	Semester 1, 2018	Social Science School	1		
Applied Research in Heritage Management	Research and communication skills are essential for heritage practitioners. In consultation with a supervising staff member, students will develop an independent research project, studying a specified problem in heritage management, carrying out that program of research following development of a research proposal and presentation of it to staff and peers. The research, including results, will be presented in a maximum 4,000 word report.	Postgraduate Coursework	Semester 2, 2018	Social Science School	1		

Dissertation Heritage Management	Effective research and written communication skills are vital in heritage management, including professional consulting, policy development and in regulatory contexts. Students will research and report on an independent project in heritage management, typically incorporating new observations to address a defined research problem. Students will develop a project with staff, closely aligned to that staff member's area of research interest. Following data collection, the final written thesis will follow a specified format and include a full exposition of the results and their significance in respect of the research problem and the existing state of knowledge. Students will also present their project design, including rationale and method, to their peers and staff.	Postgraduate Coursework	Semester 1, 2018	Humanities and Social Sciences	1		
Advanced Heritage Field School	The Advanced Heritage Field School is designed to give cultural heritage practitioners the industry-ready skills required to plan, undertake & report activities at cultural heritage places. The course is structured around practical activities & problem solving exercises during a compulsory fieldtrip on an active cultural heritage management project.	Postgraduate Coursework	Semester 2, 2018	Social Science School	1		
Architectural Design 1	Form and Space: This course introduces the foundations of architectural design through short exercises that engage issues of space and form in relationship to human scale, movement and inhabitation. Processes of deriving and refining responses to architectural questions are introduced. Physical and digital modelling and drawing are used to develop skills in observation, visualisation and representation	Undergraduate	Semester 1, 2018	Architecture School	1		
Buildings in History & Culture	An introduction to architecture through a global, cross-cultural, historical analysis of significant buildings and their place in culture.	Undergraduate	Semester 1, 2018	Architecture School	1		
Architectural Communication 1	This course provides an introduction to the concepts and techniques of architectural representation including architectural drawing conventions, two-dimensional drawing, digital image capture and manipulation, and three-dimensional modelling. Students examine the interface between thinking, drawing (sketching) and drafting (technical documentation), and the exchange between working by hand and digital representation.	Undergraduate	Semester 1, 2018	Architecture School	1		

Architectural Design 2	Plan and Section: This course explores the significance of the plan and section in the design process and in the broader history of ideas. The capacity of sectional and planar strategies to determine formal and spatial solutions is tested in concert with programmatic and experiential aims. The reciprocal relationship between form and internal organisation is studied. Iterative diagrams and orthographic drawings are the primary vehicle in this course for developing designs and communicating proposals.	Undergraduate	Semester 2, 2018	Architecture School	1		
Architecture in the Western Tradition	An introduction to the main theoretical issues in the history of western European architecture & how they have shaped architectural knowledge & production.	Undergraduate	Semester 2, 2018	Architecture School	1		
Architectural Design 3	Site and Surface: This course expands the scope of architectural design to include site and architectural surface. Techniques of mapping past and present occupation, topography and environmental qualities are used to derive the planning and placement of buildings. Processes of visual composition and techniques for mediating external conditions are employed to achieve responsive and considered facades. Descriptive and interpretive representations using physical and digital models are used	Undergraduate	Semester 1, 2018	Architecture School	1		
Architecture in Society	An exploration of the broader social forces & practices that form the built environment, the role of architecture amongst these forces, & its relationship to the lived experience of social & spatial settings.	Undergraduate	Semester 1, 2018	Architecture School	1		
Architectural Design 4	History and Memory: This course develops design propositions from a close and critical engagement with significant built and un-built architectural and urban exemplars. Working with changing and enduring values and associated questions of style, longevity and contemporaneity, students design a series of projects that anticipate future needs and respond to existing built fabric. Reflective and analytical drawings of precedents inform the production of projects that engage with cultural and disciplinary histories.	Undergraduate	Semester 2, 2018	Architecture School	1		

Modern Architecture & the Metropolis	A critical analysis of modern architecture & urbanism taking into account its polemical inception in the early twentieth century, its re-evaluation & diffusion after the Second World War, & its relevance for contemporary architecture.	Undergraduate	Semester 2, 2018	Architecture School	1		
Architectural Design 5	Clients and Culture: This course starts with the development of an aspirational brief that accurately registers the culture and needs of existing and /or potential users. Skills are developed in the respectful apprehension of cultural and physical diversity and in the effective deployment of the budget through clever planning and programming. Methods of communication that are accessible to lay audiences and which convey experiential qualities are employed at all stages of the design process.	Undergraduate	Semester 1, 2018	Architecture School	1		
Architecture in Asia	The study of the principal cultures of Asia and their significant buildings considering them as conscious responses to environment, social conditions, beliefs & ideologies.	Undergraduate	Semester 1, 2018	Architecture School	1		
Architectural Design 6	Tectonics and Precision: Students in this course use the elemental logic of different materials and methods of construction to generate the design of a building of medium scale and complexity. Integration of building technologies with formal, environmental and aesthetic ambitions is pursued across all scales of a resolved design proposal. Documentation drawings and working models that precisely capture the means by which the design intent will be realised are produced.	Undergraduate	Semester 2, 2018	Architecture School	1		
Aboriginal Architecture	The study of buildings & cultural landscapes made by & for Aboriginal people in the past & present, considering the significance of culturally distinct behaviours, relationships & life-ways, and a critical account of issues of race & culture for architectural design.	Undergraduate	Semester 1, 2018	Architecture School	1		
Theories in Architecture	An examination of enduring architectural concepts such as form, space, transparency, & tectonics considering the ways in which such concepts are theorised, deployed & tested in the generation & criticism of architecture.	Undergraduate	Semester 2, 2018	Architecture School	1		

Architecture Field Experience	This elective course develops architectural field research skills in relation to historic and/or contemporary Australian or International built environments. Students investigate tangible physical, and intangible economic, environmental and cultural characteristics and processes through examination, application, evaluation and synthesis. Skills in observation, documentation and interpretation of built environments are developed as a foundation for design. This course typically involves a condensed teaching period and group field trip.	Undergraduate	Semester 1, 2018	Architecture School	1		
Advanced Architectural Design: Architecture and Commerce	Students in this course explore architecture's role in commercial development and global consumer culture. Students learn to work with the quantitative language of financial speculation. In parallel, they respond to the theoretical consideration of architecture's relationship to commerce, from populism to corporate branding and critical theory to projective architecture. Design proposals are expected to critically balance the expectations of commercial development against broader societal needs for sustainable and accessible cities. Developing an understanding of development triggers, legislative frameworks and 'commercial' construction processes is integral to this course. Projects range from businesses and shopping centres, to high-rise towers and hotels.	Postgraduate Coursework	Semester 1, 2018	Architecture School	2		
Advanced Architectural Design: Institutions and Ideology	Students in this course negotiate the ideological underpinning of existing and future institutions in the design of buildings and precincts for governance, justice, diplomacy, education or culture. Students learn the dynamic and contested nature of exterior and interior public space and are challenged to develop compelling architectural expression for organisations that play a significant role in public life. Design proposals engage with the political structures and processes that drive this building type. Designing with the complex briefing and planning requirements for institutional and public buildings is essential to this course.	Postgraduate Coursework	Semester 1, 2018	Architecture School	2		

Advanced Architectural Design: Adaptive Capacities	Students in this course operate on, in or alongside existing built fabric, analysing its heritage and material qualities, and formulating architectural proposals for its re-use, adaptation or conservation. The historical legacy of places is considered broadly, embracing the modern and industrial, cultural heritage and memorialisation as well as designated heritage sites. The design process takes in past and present uses of the site, as well as regulatory parameters, conservation policies and methodologies, stakeholders and economic viability. An expanded range of technologies, such as digital scanning, is used in the documentation of the site and the communication of proposed interventions. Students will be required to explain their interventions at a range of scales from the urban, to the interior and the architectural detail.	Postgraduate Coursework	Semester 1, 2018	Architecture School	2		
Advanced Architectural Design: Dwelling and Density	Students in this course pursue diverse solutions to the challenge of accommodating rapidly growing, urban populations locally and globally.Student will be required to design innovative housing based in research and fieldwork into formal and informal housing. Issues such as density and amenity, privacy and community, climate and cultural appropriateness, affordability, disability, ageing and changing household demographics are considered in the design of innovative housing. The aggregation of housing projects and their effects at the urban scale in creating or mitigating against segregation, gentrification and suburban sprawl are explored. The detailed design of private, communal and public spaces is expected.	Postgraduate Coursework	Semester 1, 2018	Architecture School	2		

Advanced Architectural Design: Landscapes and Architecture	Students in this course design architecture that is shaped by landscape and in turn, shapes landscapes. The idealisation of wilderness, agrarian and (post) industrial landscapes through historical concepts such as the picturesque, as well as contemporary ideas about nature as a casualty of human activity, are the conceptual backdrop for interrogating the relationship between buildings and their environments. Design research in this course includes extensive fieldwork that may include the use of GIS and unmanned aerial vehicles, documentation of natural processes and systems, and reference to other genres in which landscapes and nature are portrayed. Students explore active and temporal relationships between architecture and its environment and develop proposals that engage a wide range of scales.	Postgraduate Coursework	Semester 1, 2018	Architecture School	1		
Advanced Architectural Design: Utopian Urbanism	Students in this course speculate on future scenarios for the city and develop architectural responses to forecast global challenges, such as climate change, population increase, automation, waste, conflict, regime change and diminishing resources. The impetus for positing alternatives to the present is explored through critical review of the history of utopian proposals in architecture and urban design. This research grounds the formulation of future scenarios and is the basis for the design of alternative visions for future settlements. The course emphasizes the agency of architecture in effecting change.	Postgraduate Coursework	Semester 2, 2018	Architecture School	1		
Advanced Architectural Design: Masterclass	Students in this course engage critically and intensively with the distinctive formal commitments, theoretical position and modus operandi of a leading practitioner or practice or visiting academic. Their example is used as a springboard for advancing new directions in which students can formulate and demonstrate a related but independent position responsive to their own time, place and culture. Studio activities are typically conducted in an intensive mode to enable significant national and international guests to lead the studio and may be held off campus.	Postgraduate Coursework	Semester 1, 2018	Architecture School	1		

Advanced Architectural Design: Material Experiments	Students in this course experiment with emerging and known materials and fabrication technologies to address challenging conditions and programs. Prototyping, 1:1 resolution, digital fabrication and robotic assembly, prefabrication and lightweight structures are indicative topics addressed in these studios. A focus on innovation at the level of the detail will be a key driver for design speculation, approaching buildings as the aggregation of numerous decisions about material and assembly. Studio activities in this course are primarily undertaken through detailed material modelling and prototyping, along with computational analysis and drawing.This course utilises the Faculty's workshop facilities and maybe offered in an intensive mode.	Postgraduate Coursework	Semester 1, 2018	Architecture School	2		
Architectural Research 1	Development of academic research methods and techniques in the discipline of architecture through a focussed study in a specialised area of architectural research. Topics include architectural and environmental design, technology, practice, history, theory, heritage, and people-environment studies. Summer semester offering is subject to availability. Please consult the School of Architecture.	Postgraduate Coursework	Semester 1, 2018	Architecture School	2		
Contemporary Architecture Theory & Practice	An advanced critical analysis of world architecture & urbanism in the aftermath of modernity considering the interplay between ideologies & practices.	Postgraduate Coursework	Semester 1, 2018	Architecture School	1		
Advanced Architectural Design: Generative Structures	Students propose solutions to building types and situations that demand novel but rational structural and constructional responses at the macro and micro scale. Employing traditional and emerging design development and documentation methods, proposals are expected to synthesize design ambition with an informed coordination of structure, assembly and envelope. Design-research challenges may include: large spans, rapid assembly or disassembly, prefabrication, mobility or flexibility, and inaccessible or unstable sites.Interaction with consultant teams will form part of this course. Design proposals are expected to critically engage with architectural discourse to produce a project that exhibits detailed integration of conceptual endeavor and technical performance.	Postgraduate Coursework	Semester 2, 2018	Architecture School	1		

Advanced Architectural Design: Responsive Environments	Students in this course explore the potential of passive and active systems for the creation of architecture responsive to its social and environmental context. Design research includes environmental analysis, data extraction and evaluation, the impact of environmental factors on spatial quality and experimental strategies and systems for environmental control. Using traditional and experimental design tools, investigations span passive material-based systems reacting to environmental stimuli to computational media managing real-time data. Design proposals are expected to critically engage with architectural discourse to produce a project that exhibits detailed integration of conceptual endeavor and technical performance.	Postgraduate Coursework	Semester 2, 2018	Architecture School	1		
Advanced Architectural Design: Architecture and Urban Infrastructure	Students in this courses will investigate relationships between infrastructure and architecture. A critical assessment of advances in innovative and hybrid infrastructural architectural propositions will be undertaken to inform design proposals for projects related to transport, energy, mining, earthworks, water and/or waste management. Students will build an understanding of the contribution made by a range of disciplines to infrastructure projects. Interaction with consultant teams who collaborate on projects at the infrastructural scale will form an integral part of this course. Design proposals are expected to critically engage with architectural discourse to produce a project that exhibits detailed integration of conceptual endeavor and technical performance.	Postgraduate Coursework	Semester 1, 2018	Architecture School	1		
Architectural Research 2	Development of academic research methods and techniques in the discipline of architecture through a focussed study in a specialised area of architectural research. Topics include architectural and environmental design, technology, practice, history, theory, heritage, and people-environment studies. Summer semester offering is subject to availability. Please consult the School of Architecture.	Postgraduate Coursework	Semester 1, 2018	Architecture School	2		

Architectural Research 3	Development of academic research methods and techniques in the discipline of architecture through a focussed study in a specialised area of architectural research. Topics include architectural and environmental design, technology, practice, history, theory, heritage, and people-environment studies. Summer semester offering is subject to availability. Please consult the School of Architecture.	Postgraduate Coursework	Semester 1, 2018	Architecture School	3		
Architectural Practice: Project Management	Introduction to the project procurement context of architectural practice including project briefing, economics, feasibility, procurement and management, development and contract law, construction contracts and contract administration.	Postgraduate Coursework	Semester 1, 2018	Architecture School	1		
Architectural Research 4	Development of academic research methods and techniques in the discipline of architecture through a focussed study in a specialised area of architectural research. Topics include architectural and environmental design, technology, practice, history, theory, heritage, and people-environment studies. Summer semester offering is subject to availability. Please consult the School of Architecture.	Postgraduate Coursework	Semester 1, 2018	Architecture School	3		
Architectural Research Thesis	Development of an independent research project that extends a topic relevant to the discipline of architecture. Topics include architectural and environmental design, technology, practice, history, theory, heritage, and people-environment studies. This course is available to students who have completed two of the following: ARCH7012, ARCH7022, ARCH7032 and ARCH7042.	Postgraduate Coursework	Semester 1, 2018	Architecture School	2		
Doing Archaeology	Contemporary archaeological methods with a practical application. Australian and international case studies. Emphasises group problem solving in the lab.	Undergraduate	Semester 2, 2018	Social Science School	1		
Science in Archaeology	Introduction to application of scientific methods to archaeological research. Topics include dating, remote sensing and materials analysis.	Undergraduate	Semester 1, 2018	Social Science School	1		
Forensics: The Archaeology of Death & Crime Scenes	This course explores practices involving the systematic location and recovery of human remains and other crime scene materials. Students will gain experience in search techniques, excavation, recovery, analysis and conservation of material evidence that are vital in criminal investigations.	Undergraduate	Semester 1, 2018	Social Science School	2		

Ancient Technologies: Experimental and Analytical Approaches to Understanding Past Technologies	ARCS2010 will build understanding of the principles, evolution and sophistication of ancient technologies. Experimental archaeology is an important arm of archaeological research used to develop and test hypotheses about the practicalities, operational conditions and limitations of prehistoric technologies. The course will cover the anthropological theory of technology, the principles and objectives of experimental archaeological science, the origins and evolution of complex technology, and how technology can inform us about past human societies and cultural change. The course will introduce students to current systems of technological analysis in archaeology and archaeometry, including lithic and ceramic analysis, metallurgy, classification, and microscopic analysis of artefacts. The course includes hands-on experimentation with ancient technologies in weekly practicals.	Undergraduate	Semester 2, 2018	Social Science School	1		
Historical Archaeology	This course provides students with a practical introduction to a broad range of methods and techniques used in historical archaeology and archaeological science. Topics covered in the course include modern material culture identification, recording and analysis of ceramic, glass, metal, bone and shell artefacts, and the interpretation of archaeological collections and sites. The course introduces students to the theory and method of key areas of historical archaeology, and the use of practical and integrated problem-solving laboratory based exercises enables students to put into practice many of the concepts discussed throughout the course. Problem-based learning exercises and group work are run weekly in the archaeology laboratories in which students are required to describe, measure, draw, record and interpret historical archaeological artefacts from the School?s reference collections.	Undergraduate	Semester 2, 2018	Social Science School	1		

Archaeology Field School	Students must apply to the School for enrolment in this course. This course is a residential field school teaching practical core archaeological skills (survey, excavation, artefact analysis, and faunal analysis) through participation in an authentic research setting. There will be lectures at the field site. Students will learn how field research is structured and implemented in archaeological research and cultural heritage management. Field locations will vary each year. This course will have limited student enrolments. Preference is given to students who have completed ARCA1000 and ARCA/ARCS1001. Preference is also given to students enrolled in the extended archaeology major. Contact the course coordinator (m.weisler@uq.edu.au) to express your interest in this course and to receive the application information. Note: This course may not run, depending on provision of an appropriate field school site.	Undergraduate	Semester 2, 2018	Social Science School	1		
Human Evolution	This course provides a broad overview of human biological and behavioural evolution over the last ~6 million years, ranging from the earliest hominins to the emergence of modern humans and their expansion across the globe. ARCS2168 draws upon the many fields that contribute to our understanding of human evolution, including archaeology, palaeontology, geology, geochronology, biology, systematics, and genetics. The course includes lectures as well as hands-on laboratory exercises that will provide training in human osteology and hominin anatomy.	Undergraduate	Semester 2, 2018	Social Science School	1		

Advanced Research in Archaeology	This course provides higher-level archaeology students with intensive laboratory-based research into topical areas of the discipline. It is taught in seminar mode involving group and problem based learning, literature analysis, peer interaction and intensive laboratory skill development. This course is designed to provide advanced training in archaeological laboratory techniques and methods, theory and research design. It is beneficial for those students continuing to honours as the course provides an opportunity to explore lab-based projects of interest and receive feedback on problem design and research strategies. Depending on current staff research, students can be exposed to practical lab work in palaeobotany, faunal analysis, lithic technology and use, and experimental and historical archaeology. Archaeological collections that may be available for use include the regions of Australia, the Pacific Islands, Europe, the Near East and elsewhere. This course is a prerequisite for Bachelor of Arts (Honours) in Archaeology, and Bachelor of Science (Honours) in Archaeological Science.	Undergraduate	Semester 1, 2018	Social Science School	1		
Field Archaeology	Intensive training in all major components of archaeological field research from research design to writing of a report. Field excavation project at ATARC site on campus.	Undergraduate	Semester 2, 2018	Social Science School	1		
Animals and Archaeology: analytical approaches to understanding past human-animal relationships	Animal remains are a powerful means for understanding past climate and environmental change, anthropogenic impacts and shifts in human behaviour. This course integrates technical aspects of faunal studies with theoretical and methodological issues in archaeology, including questions of faunal assemblage formation (taphonomy), human economics and ecology, the relationship between game use and technology, and the anthropology of human-animal relationships. Class work emphasises hands-on experience with faunal remains and will teach students how to identify animal (skeletal) remains from archaeological sites. A final research project will include the identification and analysis of zooarchaeological assemblage. This course may not be run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Social Science School	1		

Art in the Modern World	Students will look at a range of modern and modernist visual artefacts, from paintings and sculpture to the photograph, the illustrated magazine, the silent movie, the avant-garde journal and the animated film.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Looking at Art	This course introduces students to how art functions as collective expression of cultures, nations, and communities across history, and develops skills in visual literacy and analysis; image-based communication; and the psychology of visual perception.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Renaissance Art	Historical overview of the myths and realities of Italian and Northern Renaissance art (14th to 16th centuries), including Mannerism. Lectures and discussions focus on themes such as patronage, politics, mysticism, religiosity, science, techniques, iconography, style, and the cult of the artist.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Australia Pacific Indigenous Arts	This course introduces students to past and present art created by Indigenous peoples of Australia and the Pacific. It considers long standing cultural traditions that shape art today along with cutting edge socio-political ideas that place these First Nation cultures at the forefront of what is at stake in contemporary global society.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Baroque and Beyond, 1600-1900	From Baroque to Realism, this course is a study of European art from the 17th century through to the 19th century, with a special emphasis on the social and historical background to the work	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Asian Contemporary Art	This course examines contemporary art emerging in the Asia Pacific region over the past twenty years and considers the pivotal role of Australia in Asia Pacific representation in terms of exhibition history and Asia Pacific expatriate artists working and residing in Australia.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Australian Art	A broad-based assessment of Australian art from the colonial period to the 1970s. Particular attention is paid to landscape painting, national themes, and the development of Australian Modernism.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		

Indigenous Art and Culture Field School	Indigenous Art and Culture Field School involves a week-long class residency at a remote community Indigenous art centre where students are involved in art and culture workshops that cover topics where art relates to society, language, and the environment as well as skills required for an arts worker in remote Australian art centres.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Readings in Art History	An introduction to the founding concepts of Art History from the Renaissance to 20th century.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Topics in Contemporary Art	This course surveys key aspects and theories of contemporary art. You will be introduced to a variety of different approaches to the writing of contemporary art histories, and become familiar with some of the major theoretical frameworks driving contemporary artistic production and reception. The course will enable the development of skills in visual analysis, critical thinking, independent research, and academic writing. It includes site visits to galleries and museums in Brisbane	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Visual Arts Curating and Writing	Curating is one of the major vocational outcomes for the study of Art History. This course introduces students to both the theoretical principles and practical approaches to art curatorship in the twenty-first century. It provides an overview of histories and contemporary debates in the field of exhibition-making, both in Australia and internationally. Online lectures, tutorials, guest lectures, practical workshops, seminars and field visits develop knowledge and skills, from thinking and writing critically about exhibitions, to writing exhibition proposals and didactic materials. Practical aspects to the course take students through key processes in exhibition development from inception to display, including: researching artworks for exhibition and acquisition, devising curatorial concepts, creating exhibition rationales and floor plans and writing catalogue essays.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		

Art Internships & Independent Research	This course offers students the opportunity to undertake an internship with a public art institution either within Australia or internationally, or complete a major independent research project. For those interested in internships, students must make a formal application to the public institutions themselves and have approval prior to the commencement of the course. The course convener also must approve the suitability of the internship prior to commencing the course. Individual research topics are available to advanced students with good records, and typically results in a research essay of approx. 5,000 words. Research Topics are decided in consultation with a staff member whose expertise aligns with your independent research area. Students are encouraged to focus on institutional art archives and art collections and require a GPA of 5.5 or above to undertake this course. The Internship application form is available here. The Independent Research Project application form is available here.	Undergraduate	Semester 1, 2018	Communication & Arts School	3		

Honours Seminar	What is time? Is time like a river? Does it `flow'? What separates the `now' from the `then'? To what extent can the past and the future be regarded as objective properties of reality? What is the relationship between time and space? Is there more than one time? When does the present end? What is the time of art? This course considers the ways in which concepts of time and temporality are represented or embodied in art and art history. Seminars explore various aspects of art and the metaphysics of time including: heterochronicity and the cultural relativity of time; anachronism, or art's capacity to `break' temporal borders; time and the moving image; durational art and performance; concepts of the Everywhen in Indigenous Australian cultures; and melancholia and the politics of time. The course is run as an intensive advanced reading group over the course of ten weeks, with one 2.5 hour seminar per week.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Honours Research Thesis	A supervised 15,000 word thesis which reports an original piece of research, grounded in knowledge of the theories and previous studies in the field, and completed in a manner consistent with research reporting in that field. This course is part of the Bachelor of Arts (Honours) Art History program.	Undergraduate	Semester 2, 2018	Communication & Arts School	2		
Honours Research Thesis	A supervised 15,000 word thesis which reports an original piece of research, grounded in knowledge of the theories and previous studies in the field, and completed in a manner consistent with research reporting in that field. This course is part of the Bachelor of Arts (Honours) Art History program.	Undergraduate	Semester 1, 2018	Communication & Arts School	2		
Honours Research Thesis	A supervised 15,000 word thesis which reports an original piece of research, grounded in knowledge of the theories and previous studies in the field, and completed in a manner consistent with research reporting in that field. This course is part of the Bachelor of Arts (Honours) Art History program.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Acoustics & Psychoacoustics in Audiology	The basic physical properties of sound & how it is perceived.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Advanced Audiological Assessment	Theoretical & practical information on advanced audiological assessments & the total quality management process in professional clinical audiology.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		

Clinical Practice in Audiology II	Development of clinical skills in the assessment of non-complex adult & paediatric cases under the supervision of qualified audiologists.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Advanced Audiological Management	This course intergrates the advanced theoretical and practical aspects of audiology in relation to the management of special populations.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Paediatric & Educational Audiology	Provides students with theoretical & practical framework from which to conduct paediatric audiological assessment & rehabilitation with emphasis on educational settings where clinical audiologists provide input.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Clinical Practice in Audiology IV	Practice of clinical audiology skills under professional supervision in an audiology practice. Students gain ability to perform audiological tasks at a standard necessary for entry level into the profession.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Rehabilitative Audiology II	Development of audiological skills necessary for the rehabilitation of adults with hearing impairment. The implications of hearing impairment & appropriate rehabilitation strategies are discussed.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Audiological Assessment & Clinical Practice	Introduction to the practice of audiology with emphasis on basic audiological assessments and clinical practice.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Function & Disorders of the Auditory System	An introduction to the structure, function & disorders of the auditory system.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Rehabilitative Audiology I	Introduction to theory and practice in the field of aural rehabilitation, with particular emphasis on adults with acquired hearing impairment.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Clinical Practice III & Professional Issues	Clinical practice in audiology in a range of settings and professional and ethical issues associated with such practice.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Hearing and Communication Across the Lifespan	The normal processes of communication, the effects of hearing impairment on communication & the rehabilitation of communication skills across the lifespan.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		

Contemporary Australia	This course explores key issues and debates in understanding Australia as a nation, a culture and a society. Topics examine the forces shaping contemporary Australia and their historical context. The course is designed for both local and international students. AUST1000 is an interdisciplinary course, just as Australian Studies is an interdisciplinary field. Students will be introduced to recent developments in the fields of media/cultural studies, literature, history, politics, Indigenous studies and gender studies. A range of cultural texts including film, television, print media and advertisements will be used to develop the key concepts of the course.	Undergraduate	Semester 1, 2018	Communication & Arts School	2		
Australian Popular Culture	Examines the historical formation and social meanings of selected forms of popular culture in Australia from the early twentieth century to the present. Areas considered include the bush, the beach, cinema, television, popular music, Aboriginality, sport, and food.	Undergraduate	Semester 1, 2018	Communication & Arts School	2		
Concepts in Bioinformatics	This course aims to provide students from a broad range of backgrounds with an introduction to bioinformatics, an emerging discipline that is transforming how we make discoveries in molecular bioscience. The course develops both theoretical and practical skills in bioinformatics, with emphasis on the extraction and analysis of data, driven by current technologies. The course aims to equip students with a working knowledge of computing methodology relevant to the biosciences, including the use of databases, the automation of common bioinformatics tools, and the development of methods tailored for representative problems and data types in the molecular biosciences. The course will prepare students for more advanced courses in the area of bioinformatics, genomics and systems biology.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	1		

Introduction to Proteins and Nucleic Acids	This course is designed to enable bioinformatics students without a solid background in biochemistry and molecular genetics to gain an understanding of important classes of biomolecules and their roles in biological processes. This will be studied at the molecular level with an emphasis on structure determining function. The course will be in two modules: (1) the proteins with coverage of their identification, structural characterization, functional analysis, and the concept of conservation of protein folding and function; and (2) the nucleic acids with coverage of the basic concepts of molecular genetics involving DNA, RNA, and proteins, and higher level concepts in epigenetics, genomics, biotechnology and molecular breeding.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Advanced Bioinformatics	Advanced Bioinformatics will equip the student with the interdisciplinary knowledge and skills necessary to meet the data-centred challenges and demands of modern-day biology. Effective methods and algorithms for discovering patterns in genomic data of different types are discussed, and in several cases developed and applied to representative problems with appropriate consideration for scientific rigour. The course aims to instil an understanding of the scope of computational and statistical approaches for the integration and analysis of biological data; the discovery of structural and functional features from a range of relevant data sources; and the design of models of biological processes at different scales and levels of abstraction.	Postgraduate Coursework	Semester 2, 2018	Chemistry & Molec Biosciences	1		

Advanced Genome Informatics	Advanced Genome Informatics will equip students with the knowledge and practical computing skills necessary to undertake a wide range of genome scale analyses using data produced by next generation sequencing (NGS) technologies. The background lectures will introduce current approaches for analyzing genome and transcriptome data including read mapping, de novo assembly, visualization, and phylogenomics. There will be an emphasis in developing good practice in experimental design and understanding the principles that underpin the commonly used analysis tools. The course consists of four parts: i) Read mapping and NGS data types, ii) metagenomic analysis, iii) de novo assembly and phylogenomics and iv) Human genomics and functional annotation. Throughout the course students will learn practical genome informatics in a series of computer-based practicals using real NGS data, unix command-line tools and high performance computing resources.	Postgraduate Coursework	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Molecular Basis of Life	An overview of cellular biochemistry; structure & function of biologically important molecules & molecular assemblies (e.g. membranes) & metabolic processes with an emphasis on veterinary applications. Introduction to molecular biology.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Biochemistry & Molecular Biology	This course will provide students with key principles of biochemistry & molecular biology. Topics covered include protein structure & function, biochemistry of DNA replication, transcription & translation, basic bioinformatics. Properties of enzymes. Key metabolic pathways & their regulation. This course will be of importance across the biological & biomedical sciences.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		

Advanced Biochemistry and Molecular Biology	The understanding of molecular structure & function is of central importance to students undertaking a major in the biological or chemical fields. This course focuses on concepts of DNA/RNA, protein, lipid & carbohydrate relating structure to function. Some content and assignments are based on current literature describing recent DNA & protein structures & how structure can inform about function. Laboratory work will emphasize the techniques required to analyse biomolecules. Students will integrate theoretical knowledge with experimental data.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Human Molecular Genetics & Disease	BIOC3003 is an advanced research-informed course on the molecular genetics of human disease. Topics include: single gene disorders, multifactorial disorders; cancer genetics; birth defects; epigenetics; identification and analysis of human disease genes. The course content is designed to provide students with a contemporary overview of human genetic disorders, genetic variation and on how mutations are identified and assessed for their contribution to phenotype. In addition, the course covers some aspects of clinical management of genetic diseases and information on the genetic tools used for their diagnosis, prognosis and treatment.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Molecular Systems Biology	This course describes contemporary approaches to biological research, particularly the utility of large scale high-throughput technologies that are used in conjunction with cross-disciplinary & integrative methodologies in determining biological networks. Molecular systems biology is an integrative discipline that seeks to explain the properties & behaviour of complex biological systems in terms of their molecular components & their interactions.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		

Biochemistry of Metabolism in Health and Disease	This course provides an introduction to metabolism at the molecular level. The content will be presented in the context of the normal, exercise and disease states. Applications and examples drawn from current research areas with an emphasis on the metabolic syndrome. The course will build on and extend knowledge gained in the second level course BIOC2000 and will include the modern discipline areas of metabolomics and nutrigenomics. Core topics include aspects of carbohydrate, lipid, protein and amino acid metabolism built around the theme of obesity and the metabolic syndrome as an exemplar of the application of modern knowledge gained through our understanding of the genome and metabolome. The course will show how knowledge from these disciplines aids in our understanding of this health problem affecting many world-wide. The course is designed for those students who are interested or planning careers in the biomedical area, including health science, exercise science, nutrition/dietetics, food science and the biological sciences more broadly.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Directed Studies in Biomolecular Structure & Function	Series of lectures & assignments in this area for graduates of other institutions or disciplines to ensure background is equivalent to UQ BSc graduates undertaking advanced study in this area.	Postgraduate Coursework	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Literature Review in Molecular Biology A	Critical review of recent literature in area chosen by student in consultation with academic staff member.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	3		
Introduction to the Molecular Biology Laboratory	This course looks at modern laboratory techniques in molecular biology. There will be lectures, demonstrations & laboratory sessions including a one week laboratory intensive.	Postgraduate Coursework	Semester 2, 2018	Chemistry & Molec Biosciences	1		

Honours Project	This course will involve the development of practical research and intellectual skills in the formulation of a hypothesis and testing it by appropriate experiments. This will begin with the development of a research proposal that outlines the work that students will undertake in their research project. This proposal is intended to provide an early focus for project work, and may later form the basis of the introductory research report chapter. In the process of learning the techniques to perform their proposed research, students will learn to keep detailed written records of all laboratory and field work and report the details of their research project in the form of a substantial research report. The ability to present research findings at scientific meetings, and the ability to defend the research findings, is an essential part of the training of a research scientist. Thus, this course will also develop skills in science communication with emphasis on oral communication. In addition to the core research component, students will participate in selected research seminars and provide a critical evaluation of selected seminars, as well as contribute to a Journal Club exercise with their peers.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	2		

Honours Project	This course will involve the development of practical research and intellectual skills in the formulation of a hypothesis and testing it by appropriate experiments. This will begin with the development of a research proposal that outlines the work that students will undertake in their research project. This proposal is intended to provide an early focus for project work, and may later form the basis of the introductory research report chapter. In the process of learning the techniques to perform their proposed research, students will learn to keep detailed written records of all laboratory and field work and report the details of their research project in the form of a substantial research report. The ability to present research findings at scientific meetings, and the ability to defend the research findings, is an essential part of the training of a research scientist. Thus, this course will also develop skills in science communication with emphasis on oral communication. In addition to the core research component, students will participate in selected research seminars and provide a critical evaluation of selected seminars, as well as contribute to a Journal Club exercise with their peers.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	2		
Major Research Project & Seminars	Laboratory - or computer-based project involving research & analysis of a specific topic in molecular biology. The area of work may be the technology or business of molecular biology. Students completing the course over two semesters must enrol in BIOC7000 if commencing in sem 1 & completing in sem 2 or BIOC7002 if commencing in sem 2 & completing in sem 1 the following year or BIOC7017 if commencing in sem 2 and completing in summer sem or BIOC7018 if commencing in summer sem & completing in sem 1 the following year. Students completing the course in one semester must enrol in BIOC7003. Advanced Masters students (either #24 or #32) can also enrol in BIOC7021 in sem 1, 2 or summer if they have completed any of the above courses.	Postgraduate Coursework	Semester 2, 2018	Chemistry & Molec Biosciences	2		

Advanced Molecular Biology Laboratory	This course allows students to gain core molecular biological laboratory skills. This course focuses on techniques and protocols used in molecular biology providing an in-depth understanding of the principles behind them. Students will also gain experience in the interpretation of protocols, dealing with and interconverting units, and communicating results in a number of commonly used means. This course is designed for students who will soon be, or are currently, undertaking a lab-based research project and is one of the core courses of the Master of Molecular Biology programme.	Postgraduate Coursework	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Major Research Project & Seminars	Laboratory - or computer-based project involving research & analysis of a specific topic in molecular biology. The area of work may be the technology or business of molecular biology. Students completing the course over two semesters must enrol in BIOC7000 if commencing in sem 1 & completing in sem 2 or BIOC7002 if commencing in sem 2 & completing in sem 1 the following year or BIOC7017 if commencing in sem 2 and completing in summer sem or BIOC7018 if commencing in summer sem & completing in sem 1 the following year. Students completing the course in one semester must enrol in BIOC7003. Advanced Masters students (either #24 or #32) can also enrol in BIOC7021 in sem 1, 2 or summer if they have completed any of the above courses.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Major Research Project & Seminars	Laboratory - or computer-based project involving research & analysis of a specific topic in molecular biology. The area of work may be the technology or business of molecular biology. Students completing the course over two semesters must enrol in BIOC7000 if commencing in sem 1 & completing in sem 2 or BIOC7002 if commencing in sem 2 & completing in sem 1 the following year or BIOC7017 if commencing in sem 2 and completing in summer sem or BIOC7018 if commencing in summer sem & completing in sem 1 the following year. Students completing the course in one semester must enrol in BIOC7003. Advanced Masters students (either #24 or #32) can also enrol in BIOC7021 in sem 1, 2 or summer if they have completed any of the above courses.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	3		

Advanced Protein Technology	The focus of this course is in the development of practical skills in protein expression, purification and characterisation. Laboratory experiments that will be performed include liquid chromatography, gel electrophoresis, peptide sequencing & amino acid analysis, protein crystallization and enzymatic assays. You will also gain experience in computer based visualization of proteins and in scientific writing.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Research Proposal	Written proposal in the form of a research grant application based on a research project or recent literature.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	3		
Research Project A	Research project under supervision of staff member.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	3		
Research Project B	Research project under supervision of staff member.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	3		
Literature Review in Molecular Biology B	Critical review of recent literature in consultation with a staff member.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	14		
Major Research Project & Seminars	Laboratory - or computer-based project involving research & analysis of a specific topic in molecular biology. The area of work may be the technology or business of molecular biology. Students completing the course over two semesters must enrol in BIOC7000 if commencing in sem 1 & completing in sem 2 or BIOC7002 if commencing in sem 2 & completing in sem 1 the following year or BIOC7017 if commencing in sem 2 and completing in summer sem or BIOC7018 if commencing in summer sem & completing in sem 1 the following year. Students completing the course in one semester must enrol in BIOC7003. Advanced Masters students (either #24 or #32) can also enrol in BIOC7021 in sem 1, 2 or summer if they have completed any of the above courses.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	2		

Major Research Project & Seminars B	Laboratory - or computer-based project involving research & analysis of a specific topic in molecular biology. The area of work may be the technology or business of molecular biology. Students completing the course over two semesters must enrol in BIOC7000 if commencing in sem 1 & completing in sem 2 or BIOC7002 if commencing in sem 2 & completing in sem 1 the following year or BIOC7017 if commencing in sem 2 and completing in summer sem or BIOC7018 if commencing in summer sem & completing in sem 1 the following year. Students completing the course in one semester must enrol in BIOC7003. Advanced Masters students (either #24 or #32) can also enrol in BIOC7021 in sem 1, 2 or summer if they have completed any of the above courses.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	2		
Advanced Research Project & Seminar	Extended and in-depth laboratory or computer-based project involving research & analysis of a specific topic in molecular biology. The area of work may be the technology or business of molecular biology. Students must enrol in BIOC7022 if commencing in sem 1 & completing in sem 2 or BIOC7023 if commencing in sem 2 & completing in sem 1 the following year or BIOC7024 if commencing in sem 2 and completing in summer sem or BIOC7025 if commencing in summer sem & completing in sem 1 the following year.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	2		
Advanced Research Project & Seminar	Extended and in-depth laboratory or computer-based project involving research & analysis of a specific topic in molecular biology. The area of work may be the technology or business of molecular biology. Students must enrol in BIOC7022 if commencing in sem 1 & completing in sem 2 or BIOC7023 if commencing in sem 2 & completing in sem 1 the following year or BIOC7024 if commencing in sem 2 and completing in summer sem or BIOC7025 if commencing in summer sem & completing in sem 1 the following year.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	2		

Advanced Research Project & Seminar	Extended and in-depth laboratory or computer-based project involving research & analysis of a specific topic in molecular biology. The area of work may be the technology or business of molecular biology. Students must enrol in BIOC7022 if commencing in sem 1 & completing in sem 2 or BIOC7023 if commencing in sem 2 & completing in sem 1 the following year or BIOC7024 if commencing in sem 2 and completing in summer sem or BIOC7025 if commencing in summer sem & completing in sem 1 the following year.	Postgraduate Coursework	Semester 2, 2018	Chemistry & Molec Biosciences	2		
Advanced Research Project & Seminar	Extended and in-depth laboratory or computer-based project involving research & analysis of a specific topic in molecular biology. The area of work may be the technology or business of molecular biology. Students must enrol in BIOC7022 if commencing in sem 1 & completing in sem 2 or BIOC7023 if commencing in sem 2 & completing in sem 1 the following year or BIOC7024 if commencing in sem 2 and completing in summer sem or BIOC7025 if commencing in summer sem & completing in sem 1 the following year.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	2		
Molecular & Cellular Biology for Physiotherapists	Introduction to biochemistry & cell biology emphasising aspects of particular relevance to physiotherapy; including structure of animal cells, bacteria & viruses, biological chemistry especially protein structure & function; introductory metabolism & nutrition; molecular genetics; infection & immunity.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Cells to Organisms	The course covers the fundamental concepts that allow complex organisms to function, with some focus on the human body & other higher organisms. Key concepts include basic cellular transport & signalling mechanisms, neuronal structure & function, motor mechanisms & locomotion, circulation & gas exchange, & the endocrine system. Of key importance is the integration of different concepts as they apply to the structure and function of different regions of the entire organism.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	2		

Biophysical Development, Measurement and Assessment	Biophysical Development, Measurement and Assessment (BIOL1900) is an introductory course that aims to provide understanding and analysis of how humans grow and develop with a focus on exercise, health and sport. In particular, four main sub-disciplines of human movement will be examined: anatomy, exercise physiology, psychology and motor learning. In conjunction with learning the basic knowledge in lectures, throughout the course students will also measure and then assess their own biophysical data from these four areas in laboratory classes. As such, this course will allow students to develop their theoretical understanding of growth and development in exercise, sport and health while also allowing opportunities to develop practical skills.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Cell Structure & Function	This course will provide students with an understanding of the molecules & complexes that make up cells & mediate cell activities.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Biomechanics	Application of the principles of mechanics to the study of biological systems - covering the interaction of the human body with the physical world by combining principles from biology and physics - statics, dynamics, muscle activation, mechanical properties of muscle and movement analysis. This course had the previous code of HMST2630 which can be viewed in the archived area within the Course and Program site http://www.uq.edu.au/study/archive/index.html	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Advanced Immunology	This course covers advanced topics in immunology and is suited to students with some background knowledge of immunology. Topics covered include the molecular basis of immune recognition, regulation of the immune response, mechanisms of host response against infectious pathogenic agents, transplantation, vaccine design, immunodeficiency and other immune disorders. Oral and poster presentation tasks are designed to reinforce the lecture material.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		

Genomics & Bioinformatics	This course will provide a practical introduction to genomics and bioinformatics. Topics include next-generation sequencing, biological databases, sequence alignment, similarity searches, genome browsers, molecular evolution, human disease genetics and proteomics. No previous computing experience is expected. Students will undertake computer-based practical modules throughout the course that provide hands-on experience with established bioinformatics tools and approaches. This course will provide students with an understanding of the key concepts that underpin bioinformatics and genomics approaches and a thorough grounding in the practical application of computational tools for biological sequence analysis.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Molecular Cell Biology	This course examines cellular structure & function at the molecular level and integrates the disciplines of biochemistry, molecular biology, structural biology, and molecular genetics. This is an advanced course that utilizes current published research as the medium to instruct on topics such as methods in molecular cell biology, cell architecture, cell interactions, the nucleus, cell differentiation and cellular dynamics. The final topic discusses the role of molecular cell biology in the diagnosis and treatment of disease.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Plant Microbe & Insect Interactions	Topics include molecular & biochemical interactions of plants with microbes & insects, cell signalling pathways, molecular & structural defence responses, disease diagnostics, applications in agriculture & biotech, as well as some interesting evolutionary & ecological aspects.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Advanced Bioinformatics	Advanced Bioinformatics equips the student with the interdisciplinary knowledge and skills necessary to meet the data-centred challenges of modern-day biology. Methods and algorithms for uncovering patterns in genomic data of different forms are discussed, and in several cases developed, implemented and applied to representative problems.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		

Plant Molecular Biology & Biotechnology	How plants function at the molecular level, with an emphasis on molecular genetics. How the concepts & tools of molecular biology are applied to solve biological problems & produce improved plants & products. Plant genes, molecular markers, & transgenic plants.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Model Organism Genetics	The course will investigate the full breadth of experimental paradigms for genetic analysis in four multicellular model genetic organisms (Arabidopsis, Drosophila, C. elegans and mouse) through a structured series of lectures with a focus on the primary research literature. A series of research paper discussions will be integrated with the lectures. In the latter portion of the course, students will select an academic mentor who will assign a research problem to them. The academic mentor will then guide students in the development of a research proposal designed to address the assigned problem.	Undergraduate	Semester 2, 2018	Biological Sciences School	1		
Insect Identification and Taxonomy	A remote delivery (distance education) course that addresses the identification and classification of insects, the most species-rich component of terrestrial ecosystems. The course will cover the recognition of insects orders and the identification of specimens to family level using different types of keys and resources. A number of specific topics will be explored including: morphological and biological characteristics of the major insect orders; life histories of selected pest and beneficial species, sociality, sound production methods and functions, feeding mechanisms, adaptations and biology of vertebrate ectoparasites, insects as disease vectors of plants and animals, mimicry and defensive adaptations and parasitism. The practical component will examine collecting techniques, identification of adult insects to family level, identification of immature stages and feeding damage. A requirement of the course is the presentation of a well-curated insect collection and attendance at a compulsory residential course.	Undergraduate	Summer Semester, 2	Biological Sciences School	1		

Insect Structure, Function & Physiology	A remote delivery (distance education) course that brings together basic anatomy and physiology and relates this to behaviour. The main body systems will be examined sequentially and aspects of biology relevant to currently active or promising research areas featured. The course features aspects of physiology and anatomy that are relevant to the status of insects as pests and beneficial organsims and as developmental model organisms. Class discussions of relevant topics are encouraged and assessed. Recorded mini-lectures accompany web-based resources.	Undergraduate	Semester 1, 2018	Biological Sciences School	1		
Vertebrate Diversity and Evolution	This course will cover of all aspects of vertebrate evolution and diversity through space and time, delivered with a focus on Australian species. It will explore the main living and extinct vertebrate groups (fishes, amphibians, reptiles, birds, and mammals) with Australian examples, based on lectures and matching hands-on pracs. Subsequently, lectures and hands-on pracs will examine the basic body plan, diversity/ taxonomy/ ID, evolution, phylobiogeography, biomechanics (feeding and locomotion), and current topics of interest (such as conservation or biomedical relevance).	Undergraduate	Semester 2, 2018	Biological Sciences School	1		

Laboratory Skills in Genetic Research	In this intensive practical course, core genetic skills will be taught initially, followed by an opportunity for students to perform semi-independent projects in an area of specialisation that they choose. The course will be taught at a high level with students expected to take responsibility for all aspects of their practical work, much as would be required in a research or commercial lab. The core skills will be based around DNA extraction from a variety of sources, amplification and sequence analysis. Students will be required to make their stock solutions, calculate all dilutions, and conduct detailed trouble-shooting of results. Knowledge and experience gained at these core laboratory genetics skills will set students up well either for molecular laboratory-based employment or continuing study at honours level. Students will be mentored in the appropriate use of a laboratory notebook, as well as in lab safety and risk assessment. Students will be expected to present their results in descriptive, detailed and accurate reports. The advanced practicals will be designed around ongoing genetics research in the School of Biological Sciences. Quota 48 (in total). All enquiries for permission to enrol should be addressed to biology.enquiries@uq.edu.au. Preference will given to 3rd year students who are Genetics major students and who have completed the pre-requisite course (BIOL2202/BIOL2902) with a grade of 5. Students in other majors will be considered on merit if there is space.	Undergraduate	Semester 1, 2018	Biological Sciences School	1		

Genome Evolution	This course will be first offered in Semester 1, 2017.In this course we will investigate how core features of genomes seen across the tree of life can be explained in the light of evolution and population genetics. Topics that will be covered include the causes of molecular genetic variation, the evolution of chromosome architecture, gene structure, selfish genetic elements, sex chromosomes, and evolvability. The first half of the course will consist of traditional lectures paired with group discussion sessions. During the second half the students will work in groups conducting various research projects using techniques from molecular population genetics and bioinformatics. Skills: population genetics thinking, critical reading of scientific articles, scientific discussions, conducting research projects in a team, bioinformatics, working with R, molecular population genetics techniques.	Undergraduate	Semester 1, 2018	Biological Sciences School	1		
Critical Thinking and Communication in Biology	BIOL6402 will introduce you to the broader scientific field of biology. You will read, discuss and present scientific knowledge outside the area of your research project. The course is run as a series of discussion groups. A reading list is compiled by BIOL academics who select three papers on a theme in Biological Sciences for each session. You will attend and participate in five discussion groups over the course of the year. Course reading material will be available from the library (www.library.uq.edu.au course materials BIOL6402) as PDFs. At the beginning of the course you will select one topic to examine in depth. You will be assigned one of the papers from that topic to present. At each session three Honours students each present a 15 min critique of their selected paper to the group and then lead a ~15 min discussion period.	Undergraduate	Semester 1, 2018	Biological Sciences School	2		

Critical Thinking and Communication in Biology	BIOL6403 will introduce you to the broader scientific field of biology. You will read, discuss and present scientific knowledge outside the area of your research project. The course is run as a series of discussion groups. A reading list is compiled by BIOL academics who select three papers on a theme in Biological Sciences for each session. You will attend and participate in five discussion groups over the course of the year. Course reading material will be available from the library (www.library.uq.edu.au course materials BIOL6403) as PDFs. At the beginning of the course you will select one topic to examine in depth. You will be assigned one of the papers from that topic to present. At each session three Honours students each present a 15 min critique of their selected paper to the group and then lead a ~15 min discussion period.	Undergraduate	Semester 1, 2018	Biological Sciences School	2		
BSc(Hons) Research in Biological Sciences	In the School of Biological Sciences BSc Honours program you will undertake your own research project in a setting of academic excellence in biological research. The program challenges you to make the transition from undergraduate student with set course of study to a postgraduate student actively involved in research and associated activities. During the Honours year you will develop and demonstrate your capabilities for critical thought and independent research within an area of biology. You will learn how to conceive, design, carry out and communicate science. This course includes a research proposal, proposal seminar, research project, final seminar and seminar diaries.	Undergraduate	Semester 1, 2018	Biological Sciences School	2		

BSc(Hons) Research in Biological Sciences	In the School of Biological Sciences BSc Honours program you will undertake your own research project in a setting of academic excellence in biological research. The program challenges you to make the transition from undergraduate student with set course of study to a postgraduate student actively involved in research and associated activities. During the Honours year you will develop and demonstrate your capabilities for critical thought and independent research within an area of biology. You will learn how to conceive, design, carry out and communicate science. This course includes a research proposal, proposal seminar, research project, final seminar and seminar diaries.	Undergraduate	Semester 1, 2018	Biological Sciences School	2		
BSc(Hons) Research in Biological Sciences	In the School of Biological Sciences BSc Honours program you will undertake your own research project in a setting of academic excellence in biological research. The program challenges you to make the transition from undergraduate student with set course of study to a postgraduate student actively involved in research and associated activities. During the Honours year you will develop and demonstrate your capabilities for critical thought and independent research within an area of biology. You will learn how to conceive, design, carry out and communicate science. This course includes a research proposal, proposal seminar, research project, final seminar and seminar diaries.	Undergraduate	Semester 1, 2018	Biological Sciences School	2		
Research & Development Proposal	Written proposal in the form of a research grant application involving an industry partner.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Molecular Diagnostics in Plant Protection	This course is offered EVEN years only. Next offering in 2018 Introduction to the molecular and immunological tools used in plant disease, pest and weed diagnosis and identification. This includes a brief introduction to nucleic acid and protein based technologies, discussion of the relevance to population and diversity studies, sampling strategies and quarantine implications. The lab component will allow the development of skills in nucleic acid extraction, PCR and hybridisation techniques, sequencing and sequence analysis and the bases of serological techniques.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		

Plant-Microbe & Insect Interactions	Topics include molecular & biochemical interactions of plants with microbes & insects, cell signalling pathways, molecular & structural defence responses, disease diagnostics, applications in agriculture & biotech, as well as some interesting evolutionary & ecological aspects.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Plant Pathology	To introduce the field of plant pathology; the major plant pathogen groups (fungi, oomycetes, bacteria, viruses, nematodes & phytoplasmas) & their identification (optional practical classes); methods of control (chemical, cultural, genetic & biological) & impact on society (historically, environment, quarantine & GM).	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Biology for Health Sciences	The course covers the fundamental concepts that allow the human body to function, with an approach that is appropriate for students who did not study Senior Chemistry at school. Key areas of study include fundamental biochemistry & molecular biology, basic cell function, neuronal structure & function, motor mechanisms, locomotion & development, circulation & gas exchange, and the endocrine system. Homeostasis and the integration of concepts as they apply to the structure and function of different regions of the entire human body are of key importance.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Introductory Cellular Physiology	The course covers the fundamental concepts that allow complex organisms to function, with some focus on the human body & other higher organisms. Key concepts include basic cellular transport & signalling mechanisms, principles of biochemistry, neuronal structure & function, motor mechanisms & locomotion, circulation & gas exchange, the endocrine system & developmental biology. Of key importance is the integration of concepts as they apply to the structure and function of different regions of the entire organism.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		

Integrated Anatomy and Physiology	Students will be introduced to the structural features of major tissues and organs as a basis to an understanding of their physiological function. Systems to be examined include central, peripheral and sensory nervous systems, structure and function of skin, pulmonary structure and function, the circulation and lymphatics, gastrointestinal function, renal maintenance of the internal environment and reproduction.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Anatomy and Physiology for Nursing and Midwifery	BIOM1060 provides nursing and midwifery students with an opportunity to develop an understanding of the interdependence of structure & function in humans at the cellular, tissues, organ, organ system and organism levels of function.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Pharmacology and Therapeutics for Nursing and Midwifery	BIOM1061 provides nursing and midwifery students with an opportunity to continue to develop an understanding of the human organ systems and to develop an understanding and appreciation of pharmacology and therapeutics relevant to current health care.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Human Physiology & Pharmacology A I	Development of understanding of function of human body & use & effects of drugs in disease-oriented context. Integrated approach to the physiology & pharmacology of the nervous system.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Human Physiology & Pharmacology A II	Development of understanding of function of human body & use & effects of drugs in disease-oriented context. Integrated approach to the physiology & pharmacology of depression, schizophrenia and epilepsy, as well as of the endocrine, reproductive & gastrointestinal systems.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Integrative Cell & Tissue Biology	Students will develop an understanding of how cells associate & interact to fulfill their normal functions in tissues & organs of the human body. This will include the basic principles of integration & regulation that underpin normal tissue biology.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Systems Physiology	Students will develop an understanding of how the major organ systems of the body perform their normal functions & how these are regulated & integrated in order to maintain homeostasis.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Integrative Cell & Tissue Biology for BBiomedSc	The course will provide essential information as to how cells work together in tissue and organ function. The practical classes employ small-group learning and advanced methods to work on projects that are directly relevant to current research.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		

Physiology and Pharmacology of Human Disease	An integrated pathophysiology and related pharmacology in human disease relevant to allied health sciences. Students will be introduced to the physiology of major systems (nervous, respiratory, vascular, endocrine) and how the process of ageing can disrupt these systems and lead to disease. Students will be introduced to common medicinal drugs used in the treatment of conditions mentioned in this course.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Human Anatomy	This course provides an introduction to human gross anatomy and anatomical data analysis. Using prosected cadavers, students will learn macroscopic structure of human organ systems including the musculoskeletal, nervous and visceral systems. Students will collect and evaluate anatomical data gaining insights on human variation, measurement uncertainty, effect size and meaning of statistical significance. This course is pertinent to higher level studies in the biological sciences, and is a prerequisite for 3rd year dissection and research courses in human anatomy.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Integrated Physiology & Pharmacology for Dentistry	The course will continue from BIOM1052 to a more advanced level of physiology of the major body systems and include the study of pharmacology of drugs of relevance to the practice of dentistry.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Integrated Biomedical Sciences for Nursing	BIOM2070 provides nursing students with an opportunity to develop an understanding and appreciation of the special senses and learning and memory, and of the integrative physiological processes that maintain homeostasis, including the regulatory control of the nervous and endocrine systems.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Integrated Biomedical Sciences for Midwifery	BIOM2071 provides midwifery students with an opportunity to develop an understanding and appreciation of the integrative physiological and anatomical processes that underpin complex conditions that affect both the mother and the foetus during pregnancy and birth.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Differentiation & Development	This course seeks to develop a solid foundation in the basic concepts of differentiation and developmental biology.	Undergraduate	Semester 2, 2018	Biological Sciences School	1		

Advanced Techniques in Biomedical Science	This course will give students 'hands-on' experience with advanced techniques in biomedical science. Students will gain competency in a broad range of biomedical techniques, an understanding of the theory behind the different types of experiments and an appreciation of experimental controls. They will also get practice in data analysis and scientific writing.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Principles of Pharmacology	Principles of Pharmacology is designed to introduce students to fundamental concepts in drug action and drug disposition at the molecular and cellular level. Topics include the binding of drugs to receptors, receptor activation and inhibition, effect of drugs on cell signalling, drug absorption and metabolism, genetic determinants of drug action and drug toxicity. Along with basic concepts of pharmacology, students are introduced to experimental approaches to study drug effects.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Human Biomedical Anatomy	Gross morphology, structural inter-relationships & the functional anatomy of the human musculoskeletal system and viscera as revealed by cadaveric dissection, with focussed topics addressing anatomical variations, pathology and histology of given organ systems.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Functional Musculoskeletal Anatomy	Recent advances in research are used to explain and highlight the interplay between orthopaedic biomechanics, muscle function and neuromuscular control in human posture and locomotion. Experimental components are integrated with theoretical knowledge.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Human Physiology & Pharmacology B1	Continuing development of basis for understanding function of human body & use & effects of drugs in disease-oriented context. Integrated approach to cardiovascular & renal systems.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Human Physiology & Pharmacology B2	Continuing development of basis for understanding function of human body & use & effects of drugs in disease-oriented context. Integrated approach to respiratory system, ageing & chemotherapy.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Molecular & Cellular Physiology	Students will examine core systems in molecular & cellular physiology & develop an understanding of how they maintain homestasis & how the failure of these systems translate into disease.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		

Integrative Physiology & Pathophysiology	Students will examine how physiological systems maintain health throughout life & how these systems change with ageing & disease. Pathophysiology will be introduced as a basis for understanding the consequences of disease.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Integrated Endocrinology	An advanced course providing an integrated approach to the biochemistry, molecular biology, physiology, pathology and pharmacology of the endocrine system. Secretion & physiological roles of blood-borne & local hormonal mediators. Molecular signalling systems and other mechanisms used by hormones to regulate cell growth, metabolism, reproduction and other functions. Consequences of and treatments for defects in the endocrine system illustrated with clinical disorders that affect many people world-wide, such as those arising from obesity.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Biomedical Science	Students majoring in biomedical sciences will gain an appreciation of 1) the contribution of their specialisation to contemporary biomedical science & the potential benefits to the community 2) the importance of scientific ethics & 3) the importance of statistical and/or computational skills in analysis & interpretation of data.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Biomedical Science	Students majoring in biomedical sciences will gain an appreciation of 1) the contribution of their specialisation to contemporary biomedical science & the potential benefits to the community 2) the importance of scientific ethics & 3) the importance of statistical and/or computational skills in analysis & interpretation of data.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Principles of Biomedical Research	Students in the Bachelor of Biomedical Science program will gain an appreciation of 1) the contribution of their specialisation to contemporary biomedical science and the potential benefits to the community 2) the importance of scientific ethics 3) the importance of statistical and/or computational skills in anaysis and interpretation of data.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		

Systems Pharmacology	Systems Pharmacology introduces students to the action of drugs on whole systems and provides an integrated approach to how drugs affect human physiology. Students will learn the effect of drugs on major physiological systems and how these effects can be beneficial or detrimental. Experimental experience is expanded to develop practical skills in core pharmacology methodology, drug measurements and drug effects.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Experimental Pharmacology	Experimental Pharmacology introduces final year students to current advances in pharmacological research and drug development. The course focuses on modern approaches to understanding novel therapeutics under investigation for unmet medical needs such as cancer, chronic inflammation and neurodegenerative diseases. Students will be exposed to specific areas of pharmacology not covered, or only briefly touched on, in other pharmacology courses.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Research Project in Biomedical Sciences	Honours students at the School of Biomedical Sciences will undertake their own original research project under the guidance of an academic supervisor based at the School or affiliated Institutes. Students will learn and be assessed on their scientific communication skills in both oral and written presentations of their research project. Supporting workshops and courses will further add to the students' research training.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	2		
Research Project in Biomedical Sciences	Honours students at the School of Biomedical Sciences will undertake their own original research project under the guidance of an academic supervisor based at the School or affiliated Institutes. Students will learn and be assessed on their scientific communication skills in both oral and written presentations of their research project. Supporting workshops and courses will further add to the students' research training.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		

Research Project in Biomedical Sciences	Honours students at the School of Biomedical Sciences will undertake their own original research project under the guidance of an academic supervisor based at the School or affiliated Institutes. Students will learn and be assessed on their scientific communication skills in both oral and written presentations of their research project. Supporting workshops and courses will further add to the students' research training.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	2		
Research Project in Biomedical Sciences	Students in the Bachelor of Biomedical Science (Honours) program will work in a host laboratory and conduct their own laboratory-based research topic guided by an academic supervisor. Through the seminar program they will gain a breadth of understanding of biomedical science, in addition to their in-depth research project.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	2		
Research Project in Biomedical Sciences	Students in the Bachelor of Biomedical Science (Honours) program will work in a host laboratory and conduct their own laboratory-based research topic guided by an academic supervisor. Through the seminar program they will gain a breadth of understanding of biomedical science, in addition to their in-depth research project.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	2		
Introduction to Biotechnology	Overview of topical issues in biotechnology: Scientific principles of biotechnology. Technical and non-technical issues in biotechnology products. Intellectual property basics. QA/QC, regulatory compliance. Social, ethical and economic considerations and their impact on research and marketing. Currently debated issues in biotechnology. Information acquisition and management in biotechnology and familiarization with sources of this information.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	2		
Drug Design & Development	How compounds are identified, selected & developed into drug products. Drug discovery, drug design, lead development, assay cascade, drug candidate selection, patenting, intellectual property, product formulation, clinical trials, toxicological testing, spin-off & large pharmaceutical companies, role of regulatory bodies.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		

Commercialisation of Biotechnology Products	Technical & non-technical issues in commercialisation of biotechnology products, including research, development & production; safety, regulatory & legal issues; financial aspects, quality control, environmental concerns & social issues affecting successful commercialisation of biotechnology products.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Quality Management Systems in Biotechnology: GMP, GLP, GCP	This course will provide advanced teaching on Quality Management Systems (QMS) used within biotechnology, including GLP, GMP and GCP, as well as ISO17025 (General requirements for the competence of testing and calibration laboratories). Knowledge of these disciplines is essential for potential employees of the biotechnology sector. The course will be taught by persons who actively work within the sector and have helped pioneer the introduction of some of these standards in Australia.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Research Project A	Individual laboratory research project. Undertaken either within the university or in an industry setting, with co-supervision by an academic staff member.	Postgraduate Coursework	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Literature Review B	Review of literature in a biotechnology area chosen by supervisor or course coordinator.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	3		
Literature Review C	Review of literature in a biotechnology area chosen by supervisor or course coordinator.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	3		
Research Project in Biotechnology	Individual laboratory-based research project in the broad area of biotechnology guided by an academic &/or industry supervisor.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	2		
Research Project in Biotechnology	Individual laboratory-based research project in the broad area of biotechnology guided by an academic &/or industry supervisor.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	2		
Research Project	Library and/or survey based project or laboratory project involving research and analysis of a specific topic in biotechnology. The area of work may be the technology or business of biotechnology. Students completing the course over two semesters must enrol in BIOT7000 if commencing in sem 1 and finishing sem 2; BIOT7002 if commencing in sem 2 and finishing sem 1; BIOT7019 if commencing in sem 2 and finishing in summer semester; BIOT7004 if commencing in summer semester and finishing in sem 1. Students completing the course in a single semester must enrol in BIOT7003.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	2		

Research Project	Library and/or survey based project or laboratory project involving research and analysis of a specific topic in biotechnology. The area of work may be the technology or business of biotechnology. Students completing the course over two semesters must enrol in BIOT7000 if commencing in sem 1 and finishing sem 2; BIOT7002 if commencing in sem 2 and finishing sem 1; BIOT7019 if commencing in sem 2 and finishing in summer semester; BIOT7004 if commencing in summer semester and finishing in sem 1. Students completing the course in a single semester must enrol in BIOT7003.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	2		
Research Project	Library and/or survey based project or laboratory project involving research and analysis of a specific topic in biotechnology. The area of work may be the technology or business of biotechnology. Students completing the course over two semesters must enrol in BIOT7000 if commencing in sem 1 and finishing sem 2; BIOT7002 if commencing in sem 2 and finishing sem 1; BIOT7019 if commencing in sem 2 and finishing in summer semester; BIOT7004 if commencing in summer semester and finishing in sem 1. Students completing the course in a single semester must enrol in BIOT7003 or BIOT7012.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	3		
Research Project	Library &/or survey based project or laboratory project involving research & analysis of a specific topic in biotechnology. The area of work may be the technology or business of biotechnology. Students completing the course over two semesters must enrol in BIOT7000 if commencing in sem 1 & finishing sem 2; BIOT7002 if commencing in sem 2 & finishing sem 1; BIOT7019 if commencing in sem 2 & finishing in summer semester; BIOT7004 if commencing in summer semester & finishing in sem 1. Students completing the course in a single semester must enrol in BIOT7003.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	2		
Business Planning in Biotechnology	Analytical & practical skills pertinent to the biotechnology industry, business planning, marketing, intellectual property issues & regulatory affairs.	Postgraduate Coursework	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Research Project	Individual laboratory research project undertaken either within the university or in an industry setting.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	2		

Research Project	Individual laboratory research project. Undertaken either within the University or in an industry setting with co-supervision by an academic staff member.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	2		
Research Project	Individual laboratory research project, undertaken within the University or in an industry setting with co-supervision by academic staff member. Students completing the course in a single semester must enrol in BIOT7003 or BIOT7012.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	2		
Literature Review B	Review of literature in a biotechnology area chosen by supervisor or course coordinator	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	3		
Literature Review C	Review of literature in a biotechnology area chosen by supervisor or course coordinator.	Postgraduate Coursework	Semester 2, 2018	Chemistry & Molec Biosciences	2		
Advanced Research Project in Biotechnology	Individual laboratory research project undertaken within university laboratories or in an industry setting with co-supervision by academic staff member. Final report to be written in publication format. Maintenance of a laboratory book to allow establishment of priority dates and evidence of reduction to practice. Oral and poster presentation of research results. Students completing research only commencing in semester 1 enrol in BIOT7025, students commencing in semester 2 enrol in BIOT7026 and students completing research and coursework enrol in BIOT7024. Part-time students enrol in BIOT7027.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	2		
Advanced Research Project in Biotechnology	Individual laboratory research project undertaken within university laboratories or in an industry setting with co-supervision by academic staff member. Final report to be written in publication format. Maintenance of a laboratory book to allow establishment of priority dates and evidence of reduction to practice. Oral and poster presentation of research results. Students commencing semester 1 enrol in BIOT7025, students commencing in semester 2 enrol in BIOT7026.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	2		

Advanced Research Project in Biotechnology	Individual laboratory research project undertaken within university laboratories or in an industry setting with co-supervision by academic staff member. Final report to be written in publication format. Maintenance of a laboratory book to allow establishment of priority dates and evidence of reduction to practice. Oral and poster presentation of research results. Students commencing semester 1 enrol in BIOT7025, students commencing in semester 2 enrol in BIOT7026.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	2		
Drug Discovery & Development	Recent developments in lead discovery, natural products, high throughput and high content screening, GLP/GCRP/GMP; dosage formulations, preclinical evaluation of new drug entities, assays and the drug pipeline, clinical evaluation of new drugs, human and animal ethics, registration of novel compounds from these drug discovery processes, licensing. It is strongly recommended that students have a solid background in organic chemistry before enrolling in this course.	Postgraduate Coursework	Semester 1, 2018	Biomedical Sciences School	1		
Quality Management Systems in Biotechnology	This course will provide advanced teaching on Quality Management Systems (QMS) used within biotechnology, including GLP, GMP and GCP, as well as ISO17025 (General requirements for the competence of testing and calibration laboratories). Knowledge of these disciplines is essential for potential employees of the biotechnology sector. The course will be taught by persons who actively work within the sector and have helped pioneer the introduction of some of these standards in Australia.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Issues in Biotechnology	Overview of topical issues in biotechnology: Scientific basis & principles of biotechnology. Technical & non-technical issues in biotechnology products. Intellectual property basics. QA/QC regulatory compliance. Social, ethical & economic considerations & their impact on research & marketing. Currently debated issues in biotechnology & familiarisation with sources of this information.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Research Project	Individual laboratory research project. Undertaken either within the University or in an industry setting with co-supervision by an academic staff member.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	2		

Biotechnology Thesis	Major biotechnology research thesis. Research to be in a technology or business/law/technology management area. May be undertaken in an Industry or International location. All part-time students must enrol in BIOT8005 over 4 semesters. Students commencing full-time in sem 1 enrol in BIOT8003. Students commencing full-time in sem 2 enrol in BIOT8004. Major biotechnology research thesis. Research to be in a technology or business/law/technology management area. may be undertaken in an Industry or International location.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	2		
Professional Practice in Biotechnology	Students will identify a technical or production problem or new product opportunities for a biotechnology company which is either their place of work or is attached to the University. The student will develop a product development plan or a process/production/organisational solution (including projected cost savings & implementation schedule for the company).	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Foundations of Biophysics	Biophysics is a multidisciplinary molecular science which applies physics, chemistry & mathematics to enhance an understanding of the mechanisms underlying biological systems. BIPH2000 is the introductory course which aims to provide a basic understanding of the physical, chemical & mathematical principles crucial to understanding the behaviour of biological systems.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Frontiers in Biophysics	Biophysics is a multidisciplinary molecular science which applies physics, chemistry and mathematics to gain an understanding of the mechanisms underlying biological systems. BIPH3001 is the final course in the Biophysics double major and provides students with the opportunity to enhance their knowledge in a specific area of biophysics.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Transforming Business with Information Systems	Uses of information systems in organisations, management of information systems. Introduction to computer hardware & software; information systems development, implementation & operation. Practical experience with spreadsheets, database management and other business applications software for business problems.	Undergraduate	Semester 1, 2018	Business School	2		

Data Analytics and Information Management	Data & information as organisational resources. Management of data, information & knowledge; data integrity & quality issues; data warehousing, data mining and business intelligence. Management issues of security, security, privacy, ethics for information & knowledge resources.	Undergraduate	Semester 2, 2018	Business School	1		
Business Process Management	Improving organisational efficiency and effectiveness is a top priority for senior management. To enable such improvements it is crucial that the organisation be viewed from a process perspective. This course provides students with an introduction to Business Process Management and enables them to develop skills in business process modelling using the international BPMN modelling standard. The course also introduces students to concepts of Lean Thinking and facilitates the development of process improvement skills using several process improvement techniques.	Undergraduate	Semester 2, 2018	Business School	1		
eBusiness Systems and Strategy	This course introduces students to managerial, technical, social, and regulatory aspects of modern e-Commerce and provides students with experience in the development and publication of websites.	Undergraduate	Semester 1, 2018	Business School	1		
Accounting Information Systems	Nature of systems in the real world; nature & functions of computer-based information systems used to support the processes & management of a business; practical experience with business applications software.	Undergraduate	Semester 1, 2018	Business School	1		
Managing Business Data	Business issues in relation to database management, conceptual modelling & data modelling in business applications. Using structured Query Language (SQL) to uncover critical information for business decision making. Applications of database systems in a business context.	Undergraduate	Semester 2, 2018	Business School	1		
Business Information Security	A managerial perspective of controls & audit procedures associated with preserving authenticity, accuracy, completeness, timeliness & privacy of business electronic transactions over the Internet; quality assurance for electronic commerce/online business applications for business managers.	Undergraduate	Semester 1, 2018	Business School	1		

Advanced Data Analytics	Modern business collects large volumes of raw data through its daily operations. This data can come from business transactions, sensors, or external sources, for example, social media feeds. Competitive advantage can be obtained through unlocking insights from such data to develop information that can be used to support decision-making. This course builds on the data mining and decision support system knowledge and skills developed in MGTS2202, and introduces students to advanced predictive analytics techniques and their application in multiple settings (eg social media analysis). The course also develops evidence-based problem solving skills.	Undergraduate	Semester 1, 2018	Business School	1		
Managing Work in Virtual Environments	Indepth understanding of the processes, practices, features and issues arising from operating in a virtual corporate environment. Managerial perspective on organisation structures, managing technology and communication procedures in a virtual organisation. Hands-on experience with virtual teams software. Legal implications & associated policy & strategy issues.	Undergraduate	Semester 2, 2018	Business School	1		
Information Systems Strategy	This course is concerned with managing and leading the information systems function within organizations. The focus is fully on management issues and problems, and issues such as the strategic alignment of IT services and infrastructure where the organisation's objectives are emphasised rather than details of the computing and communications technology that underlie information systems.	Undergraduate	Semester 2, 2018	Business School	1		
Information Analysis and System Design	Structured analysis & design for business; data analysis & design; object-oriented analysis & design; testing & quality assurance; practical group experience with computer-assisted software engineering tools for business applications.	Undergraduate	Semester 1, 2018	Business School	1		
Information Systems Honours	Critical analysis of current research in information systems. Review of principle perspectives in the current IS literature. Development of analytical capabilities in regard to modern IS research.	Undergraduate	Semester 1, 2018	Business School	1		

Information Systems for Management	Uses of information systems in organisations, management of information systems. Overview of computers & information systems; information systems development, implementation & operation. Practical experience with spreadsheets, database management and other business applications software for business problems.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Information Retrieval and Management	Data analysis, design and policy issues in business situations. Business issues in relation to database management, conceptual modelling & data modelling in business applications. Using structured Query Language (SQL) to uncover critical information for business decision making. Business intelligence via data warehousing & data mining. Applications of database systems in a business context. Critical analysis and discussion of recent business research into database systems.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Information Systems Strategy and Sourcing	Examination of major concepts, theories & research to guide management of information systems function within organisations; extensive use of case studies to develop skills in applying concepts & theories.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Accounting Information Systems	Nature of systems in the real world; nature & functions of computer-based information systems used to support the processes & management of a business; practical experience with business applications software.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Foundations of eBusiness	Introduces students to the nature of electronic commerce/online business, business decision making involving electronic commerce/online business. Management issues of technological infrastructure security, privacy and website development for electronic commerce/online business.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Securing Business Information	A managerial perspective of controls & audit procedures associated with preserving authenticity, accuracy, completeness, timeliness & privacy of business electronic transactions over the Internet; quality assurance for electronic commerce/online business applications for business managers.	Postgraduate Coursework	Semester 1, 2018	Business School	1		

Managing Virtual Work	Development of business plans for the management of virtual entities. Indepth understanding of the processes, practices, features and issues arising from operating in a virtual corporate environment. Managerial perspective on organisation structures, managing technology and communication procedures in a virtual organisation. Hands-on experience with virtual teams software. Legal implications & associated policy & strategy issues.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Business Process Improvement	This course introduces students to Business Process Management and various process improvement techniques used in business to improve operational efficiency and effectiveness. Students will develop knowledge of the process lifecycle and skills in modelling organisational processes using the international BPMN modelling standard. Students will further develop knowledge of several popular process analysis and improvement techniques, including Lean. Developing skills in applying various process improvement techniques will be supported through the use of case studies and a group assignment.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Advanced Business Data Analytics	The increasing collection of data by businesses, both from their own business operations and from external sources, presents businesses with the challenges of unlocking value from big data. A business that is capable of unlocking insights from such data to develop information is able to improve its decision-making. This course introduces the students to advanced predictive analytics techniques. It builds on the data mining and decision support system knowledge and skills developed in BISM7233, and facilitates students in applying their new skills in multiple settings (eg. social media analysis) while building evidence-based problem solving skills.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Information Systems Control, Governance and Audit	Management & application system controls; computer-assisted audit techniques; computer security; data quality; data privacy; approaches to information systems auditing; information systems audit profession & standards.	Postgraduate Coursework	Semester 1, 2018	Business School	1		

Data Analytics for Business	BISM7233 Data analytics for business concerns the use of analytics for decision making in business focusing on descriptive, prescriptive and predictive analytic methods including data mining, visualisation, simulation and other modelling methods. These and other methods are reviewed via critical analysis of recent research, trade literature and case studies and the use of contemporary analytic tools.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Business Information Systems Analysis and Design	Structured & object-oriented analysis & design of business systems; testing & quality assurance; practical group experience with CASE tools integrated with a relational database for business systems. Critical analysis & discussion of recent research.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Operations Design	The objective of this course is to develop the student's understanding of operations and process design within an organization, and how they relate to the organisations corporate objectives and business development and sustainability. Students should gain an understanding of the major theoretical issues and concepts relating to the discipline of operations and core business process design, as well as an understanding of the practical application of these concepts.	Postgraduate Coursework	Semester 1, 2018	Business School	3		

Information Technology for Business Value	In the current business environment, Information Communication Technology (ICT) is recognised as not only supporting current business strategies but providing opportunities to competitively shape them. ICT Leadership within organisations in modern organisations requires a diverse understanding of business strategy, internal and external stakeholders, business operations, prevailing organisational social climate, firm's current IT environment, and future ICT trends that can support or shape organisational strategy. Furthermore, ICT executives must utilise analytic and forecasting capabilities to plan and manage a complex portfolio of ICT investments successfully, through the evaluation of the impact and performance of these investments over time. A central concern of these ICT investments is the provision of high-quality information services at multiple points across an organisation's supply and value chains to improve operational and strategic outcomes. Hence, this course aims to provide a strategic understanding of the benefits, issues, risks, and limitations of ICT's role in the provision of integrated information services and systems in sympathy with business requirements from both leadership and management perspectives.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Building Materials: Properties, Principles and Applications	An introduction to building material properties (timber, concrete, masonry and steel), structural principles, construction elements and technical documentation. Students examine construction materials and structural principles in workshop activities that also develop digital skills for representing, analysing and documenting architectural designs for simple small-scale projects.	Undergraduate	Semester 2, 2018	Architecture School	1		
Building Construction and Documentation	This course develops comprehension in relation to the construction regulatory environment, structural principles, construction systems and detailing, and technical documentation. Students extend knowledge of structural principles, building products and construction systems through activities and assignments that also develop skills in design detailing for small to medium-scale buildings.	Undergraduate	Semester 2, 2018	Architecture School	1		

Building Structures and Envelopes	This course develops analytical skills in relation to framed structures, facade materials and construction systems, and envelope detailing and technical documentation. Students investigate gridded structures and facade systems through activities and assignments that also develop skills in code compliance, environmental performance analysis and design detailing for medium to large-scale buildings.	Undergraduate	Semester 1, 2018	Architecture School	1		
Building Systems: Integration and Detailing	This course develops synthesis skills in relation to regulatory compliance, structural, environmental and construction strategies, and design and construction work processes. Students design integrated structural, environmental and construction solutions for a studio project through activities and assignments that also develop skills in code compliance, teamwork, design detailing and documentation coordination for medium to large-scale buildings.	Undergraduate	Semester 2, 2018	Architecture School	1		
Principles of Biological Engineering	Introduction to biochemical & microbiological principles of relevance to engineers: cell biology, metabolism, molecular aspects of gene expression, structure & functions of biological molecules. Applications to industrial processes.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		
Fluid & Particle Mechanics	Application of conservation laws, continuity, momentum & energy balances. Fluids statics, Bernoulli equation, pipe flow. Experimental techniques, viscosity, flow measurement, pumps. Non-Newtonian behaviour. Solids characterisation, drag, settling & flow. Packed bed & fluidisation.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		
Engineering Investigation & Statistical Analysis	Project based investigation of engineering operations. Effective quantitative sampling & statistical analysis including hypothesis testing, standard probability models, estimation, regression & experimental design. Technical reporting & project management skills	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		
Heat & Mass Transfer	Fundamentals of heat & mass transfer. Concepts of heat exchange & heat exchanger selection. Differential & stage-wise mass transfer processes. Case studies of equipment for heat & mass transfer unit operations.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		

Chemical Thermodynamics	1st and 2nd laws of thermodynamics for steady & unsteady systems. Exergy analysis. Equations of state. Gibbs free energy, fugacity & activity. Phase equilibria, electrochemical equilibria. Pure components & solutions. Chemical reaction equilibria.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		
Unit Operations	Selected important unit operations in solids handling (hopper design, solid-fluid separations, particle size reduction & enlargement) & heat & mass transfer (furnaces, distillation, drying, membrane separation, leaching, bioprocess separation).	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		
Reaction Engineering	Reaction kinetics & mechanisms. Design of batch, flow & multiple reactors. Residence time distribution & non-ideal flow reactors. Non-isothermal reactors. Catalytic & non-catalytic heterogeneous reactions. Transport effects. Multiple reactors.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		
Process Modelling & Dynamics	Students completing a dual-major in Chemical and Environmental Engineering must complete either CIVL3150 or CHEE3007. Note that CHEE2501 is a recommended pre-requisite for CIVL3150. Only students enrolled in the Chemical / Environmental Engineering dual major are eligible for CIVL3150, students from all other Chemical Engineering plans must complete CHEE3007. Mathematical process modelling for design, control & optimisation of process systems. Conservation principles, development of constitutive equations in models & analysis of resultant models for use in control & diagnosis of process faults. Model verification, calibration & validation based on process data is emphasised.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		
Process Systems Analysis	The course introduces a systems approach to understanding and analysing the structure and behaviour of industrial processes. The context and needs that give rise to process systems are examined along with the concepts of unit operations & unit processes. Understanding the nature of individual units and complex flowsheets is done through analysis of degrees of freedom & solvability issues. Techniques for the decomposition of large, complex systems to smaller problems are developed. Application of computer-aided flowsheeting tools facilitate process analysis, which includes economic & environmental impacts.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		

Polymer Engineering	Polymer synthesis & characterisation. Dependence of properties on molecular structure & microstructure. Polymer rheology. Unit processing operations, formulation & uses of polymers, mechanical properties, degradation & failure methods.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		
Process Engineering Design Project	Integration of major aspects of chemical & environmental engineering into the design of a production facility. Process & control system synthesis, detailed engineering design, capital & operating cost estimation, hazard & risk analysis, operating procedures & environmental impact. Team work.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		
Impact and Risk in the Process Industries	This course will help you to understand, articulate and apply contemporary risk management tools and approaches for managing risks in the process industries. Specific topics covered include: Fundamentals of risk management; Engineering professional practice; People and risk; Identifying, assessing and treating risks; Monitoring and reviewing risks; Environmental and social risk; Process safety; Project risk; Supply chain risk.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		
Individual Inquiry	Self-directed learning under supervision by an academic staff member. Students arrange topic with supervisor & prepare an outline of proposed work, which must be accepted by the course coordinator prior to semester start.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		
Individual Inquiry	Self-directed learning under supervision by an academic staff member. Students arrange topic with supervisor & prepare an outline of proposed work, which must be accepted by the course coordinator prior to semester start.	Undergraduate	Semester 1, 2018	Chemical Engineering School	2		
Transport Phenomena	Various first principles encountered in various engineering areas. Examples cover momentum, heat & mass transfer demonstrating utility of first principles.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		

Biomolecular Engineering	Biochemical and biomolecular engineering principles, biomolecular reactions, kinetics and industrial applications. Analysis of engineered biomolecular systems. Design principles of biomolecular production. Downstream bioprocessing including solid-liquid separations, cell disruption, product concentration & purification, recombinant protein refolding and recovery, product stabilisation and formulation. Scale-up considerations.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		
Principles of Adsorption	Adsorption mechanisms of solutes onto porous & non-porous adsorbents, with solids such as carbon black, activated carbon, alumina, silica gel & zeolites. Equilibria & kinetics is emphasized.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		
Thesis Project	Challenging project under the supervision of industry & academic experts in the fields of chemical, biological, environmental, materials, and metallurgical engineering. The tools of research, i.e. surveying literature, designing and running experiments, modelling results and possible outcomes, etc., are used to investigate a particular topic or problem. Projects can range from fundamental research to proposing solutions to issues of immediate industry or community concern. Students commencing Thesis Project in sem 1 enrol in CHEE4026 for sem 1 and sem 2; students commencing in sem 2 enrol in CHEE4027 for sem 2 and the following sem 1.	Undergraduate	Semester 1, 2018	Chemical Engineering School	2		
Thesis Project	Challenging project under the supervision of industry & academic experts in the fields of chemical, biological, environmental, materials, and metallurgical engineering. The tools of research, i.e. surveying literature, designing and running experiments, modelling results and possible outcomes, etc., are used to investigate a particular topic or problem. Projects can range from fundamental research to proposing solutions to issues of immediate industry or community concern. Students commencing Thesis Project in sem 1 enrol in CHEE4026 for sem 1 and sem 2; students commencing in sem 2 enrol in CHEE4027 for sem 2 and the following sem 1.	Undergraduate	Semester 1, 2018	Chemical Engineering School	2		

Metabolic Engineering	Rational engineering, i.e. system based analysis and design, of living systems. Assumed background: (i) understanding of biochemistry & microbiology equivalent to CHEE1001, (ii) understanding of calculus & algebra equivalent to MATH2000, (iii) understanding of bioprocesses equivalent to CHEE4020, (iv) basic computer skills, preferably with Matlab.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		
Cell & Tissue Engineering	Introduction to mammalian cell & tissue engineering for human therapeutic applications. Design & production of functional tissue units, therapeutic cells & biomolecules. Clinical applications & regulatory issues.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		
Process & Control System Synthesis	A systematic introduction to automatic process control of industrial processes, including control system synthesis, basic instrumentation, typical system dynamic behaviours and feedback & feedforward controller design.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		
Nanomaterials & Their Characterisation	Introduction to nanomaterials with an emphasis on their fabrication, structures, properties & applications. A range of techniques for characterising nanomaterials (such as diffraction, microscopy & spectroscopy) will also be introduced.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		
Electrochemistry & Corrosion	Fundamental of electrochemical reactions, thermodynamics and kinetics of electrochemical reactions, mass transfer/diffusion in electrolytes, electrochemical method of analysis, applications (fuel cells, re-chargeable batteries, super-capacitors, and photo-electrochemical reactions), corrosion fundamentals, design against corrosion, corrosion protection principles & practice, corrosion in common environments, corrosion resistant alloys.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		
Biomaterials: Materials in Medicine	Introduction to biomaterials science, artificial organs, prosthetic devices, regulatory testing & evaluation of new biomaterials. Polymeric, ceramic, metallic & composite biomaterials.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		

Chemical Engineering ME Design Project	This course is the capstone experience of the ME degree. Students will work in teams on a project of their choice, a process or a product in an area/industry of interest. In addition to the learning outcomes form the BE design, the ME design will allow students to cover the modelling/design of specific aspects in more detail, using skills gained from their ME level courses. Aspects of entrepreneurship, building a business case and funding mechanisms for engineering projects will be covered and applied in the project.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	1		
Advanced Process and System Modelling	(First offered 2013) This course builds on CHEE3007 Process Modelling and Dynamics and considers a range of techniques required to model complex and unfamiliar processes. It uses advanced features of commercial modelling software. Large scale experimental data from processes or experiments are used to build 'data driven' models for a range of applications. Following this, discrete and hybrid system modelling is undertaken to model industrial or experimental processes that combine time-continuous and discrete event systems. The projects are derived from current industry applications.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1		
Integrated Safety Design and Management	(First offered 2013) Extension of CHEE4002 and themes integrated through the course. It will address issues of how to manage safety from two stand-points: Inherent safety in design and safety management of operations (safety indicators, human factors, reward systems etc). This will look at different tools (currently) used in industry as well emerging trends. Numerous case studies abound in this area and students will be asked to link these with current literature in the area.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1		
Whole of Process Optimisation and Control	(First offered 2013) This course considers how existing processes are optimised with particular emphasis on how advanced control structures (e.g. equation based control etc) Can be used to deliver better outcomes. Students will be able to model the benefits (through Aspen or similar) of proposed control structures to justify their use in complex unit operations. Part of the justification will involve consideration of hardware and cost factors in implementing various control structures.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1		

Chemistry	The course introduces the basic foundations of chemistry, and includes those aspects of organic and inorganic chemistry that underpin agricultural and biological sciences, including chemical analysis. Core topics include: atomic structure and bonding, states of matter and intermolecular forces, aqueous solution equilibria and an introduction to the key molecules of life. Laboratory skills will be developed through gaining experience in various laboratory techniques. The ability to collect, analyse and organise information and ideas, and work and learn independently will be developed.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Introductory Chemistry	This course introduces the core concepts and principles in chemistry at a foundation level that enables students who have not previously studied chemistry to progress further in tertiary chemistry. Concepts encountered include: atomic and electronic structure; bonding and molecular structure; intermolecular associations; states of matter; gas laws; solutions; equilibrium; acids & bases; thermochemistry; kinetics; redox processes; stoichiometry; and an introduction to organic chemistry. These are all considered in contexts that develop quantitative chemistry skills.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Chemistry 1	This course provides the foundation in concepts underpinning inorganic, physical and organic chemistry necessary for advancement to the higher levels of study in chemistry and engineering courses. Core topics include: atomic structure, bonding and hybridisation, molecular shape, an introduction to organic chemistry, states of matter and intermolecular forces, chemical equilibrium, aqueous solution equilibria, thermodynamics, and redox chemistry. This course is a prerequisite to CHEM1200 Chemistry 2 for all students in the following programs: BSc, B Biomedical Science, B Biotechnology, B Engineering and B Occupational Health & Safety Science.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	2		

Chemistry 2	This course builds on concepts that have been introduced in CHEM1100 (Chemistry 1) thereby developing the knowledge and understanding across inorganic, physical and organic chemistry necessary for advancement to the higher levels of study in chemistry, biochemistry and engineering courses. Core topics include: reaction profiles and kinetics, structure, reactivity and mechanisms, organic functional group chemistry, structural determination, acid and base chemistry and transition metal chemistry. This course is recommended for all students in the following programs: BSc, B Biomedical Science, B Biotechnology, B Engineering and B Occupational Health and Safety Science. Summer Semester Quota of 175. Preference will be given to 2nd or 3rd year students who are required to complete CHEM2050, CHEM2054 or BIOC2000 in the following semester 1 as part of their program and/or major progressions. Other students will be considered if there are places available. Course will require permission of School of Chemistry and Molecular Biosciences (enquiries@scmb.uq.edu.au).	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	3		

General, Organic & Biological Chemistry	This course builds on concepts that have been introduced in CHEM1090 (Introductory Chemistry) and Senior Chemistry. Students who have completed CHEM1100 (Chemistry 1) will be able to apply a number of concepts they have encountered in new contexts. Students will develop their knowledge and understanding across organic and physical chemistry necessary for advancement to second level biochemistry courses. Core topics include: Structure, reactivity and mechanisms of reaction for organic molecules that form the building blocks of biomolecules (including amino acids and saccharides), acid/base chemistry and intermolecular forces in a biological context. This course is recommended for students in the following programs: B Health Sciences, B Exercise & Nutrition Science, B Applied Science (nutrition & food technology majors); B Science (for majors other than chemistry, chemical sciences, biochemistry & molecular biosciences, biomedical science and physics). It does not provide sufficient background for all areas of CHEM2052.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Chemistry for Pharmacy & Dentistry	This course develops the knowledge and understanding across inorganic, physical and organic chemistry necessary for advancement to the higher levels of study in pharmacy and dentistry courses. Core topics include: organic structure, function & reactions, polymers & biopolymer, kinetics, self-assembly, metals, alloys and ceramics, solutions, osmosis, acid and base equilibria and biological redox chemistry. This course is recommended for all students in the following programs: B Dental Science and B Pharmacy.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Food Chemistry	The chemistry associated with the structure & functions of food components & systems. Reactions & interactions of food components, particularly related to degradative processes. Introduction to the chemical analysis of foods using modern analytical chemistry techniques.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		

Intermediate Chemistry 1	This course contains theory for both inorganic, organic chemistry as well as chemical kinetics that a student will need to advance to third level chemistry. Topics covered will include: Synthesis & mechanism in organic chemistry; Transition Metal Chemistry; Bonding and Molecular Orbital Theory; Chemical Kinetics; Molecular Modelling; Stereochemistry; Strategies for complex syntheses.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Chemical Biology	This course focuses on the application of principles of inorganic & organic chemistry to the understanding of biological function at the molecular level. Topics covered will include functional group chemistry in a biological setting, mechanistic enzymology, chemistry of coenzymes & vitamins, chemistry of biosynthetic pathways, computational & spectroscopic methods in chemical biology, metal ion acquisition & speciation in biological systems, metallo-proteins, role of metal ions in disease states. This is a key course for those undertaking the Chemical Biology stream of the Chemical Sciences dual major & for students wishing to continue with Chemistry that is relevant to Biological & Biomedical Sciences.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Experimental Chemistry	This course will consist of practical laboratory training, addressing the market place need for industry-ready chemists with relevant practical and communication skills. A laboratory intensive experience will include attendant exposure to quantitative & qualitative analytical skills & other core laboratory competencies. In lectorials, students will learn the theory underlying various laboratory techniques, including spectroscopy, separation science and electrochemistry, before applying these in the laboratory. Emphasis will be placed on the requirements of good scientific communication in terms of keeping a lab notebook and writing of laboratory reports. Students will be introduced to the ethical principles underlying the responsible practice of Chemistry.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		

Physical Chemistry for Engineering	Kinetics, including reaction mechanism, chain reactions, polymerisation reactions and collision theory. Phase transitions, vapour pressure, solutions, interfaces, surface tension, wetting, absorption, surfactants, Gibbs adsorption isotherm, micelles, adsorption at gas/solid interface, heterogeneous catalysis, insoluble monolayers.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Translational Chemistry and Data Processing	This course will provide skills in interpreting, presenting and generating industry relevant data. Students will develop skills in the use of large data sets and in the design of analyses performed in the chemical industries.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Intermediate Chemistry 2	In 2018, if you are unsure if you should be taking this course, please seek academic advising. This course contains theory for inorganic main group chemistry, organic chemistry as well as thermodynamics and interfacial science that a student will need to advance to third level chemistry.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Advanced Chemistry 1	This course is specifically designed for students enrolled in the BAdvSc(Hons) with an interest in Chemistry. The fundamentals of Organic and Inorganic Chemistry as well as Chemical Kinetics taught in CHEM2050 will be built upon and explored in depth. The additional advanced content will enhance understanding of the fundamental concepts but also provide a more coherent foundation for third year chemistry courses and for research in the fields of organic, biological, inorganic and materials chemistry. The course will contain no wet practicals but will have problem based-learning workshops with advanced problem solving e.g. strategies for multi-step synthesis. This will clearly be integral to producing students with theoretical problem solving skills and the ability to communicate.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		

Advanced Chemistry 2	This course is specifically designed for students enrolled in the BAdvSc(Hons) with an interest in Chemistry. The fundamentals of Organic, Main Group and Physical Chemistry taught in CHEM2060 will be built upon and explored in depth. The additional advanced content will enhance understanding of the fundamental concepts but also provide a more coherent foundation for third year chemistry courses and for research in the field of chemistry. The additional content in the course will include problem based-learning workshops in advanced problem solving. This will clearly be integral to producing students with theoretical problem solving skills and the ability to communicate.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Advanced Organic Chemistry	Molecular conformations, effective sizes of groups. Types of organic transformations & their mechanisms: stereochemical outcomes, structural effects on reactivity, role of intermediates. Analytical approaches to organic synthesis: reagents, methodologies, specificities & stereochemistry, illustrated by synthesis of natural & non-natural compounds. Functional group & whole molecule retrosynthesis.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		

Determination of Molecular Structure	The determination of molecular structure underpins all aspects of synthetic chemistry. There are many techniques available to determine the precise structure (connectivity, conformation, stereochemistry, chirality) of a molecule. X-ray crystallography is the most direct technique for molecular structure determination. Crystallography will be presented in this course in a series of lectures and problem based learning sessions. As a complement to the lecture material all students will undertake a computer based exercise as part of their assessment where they solve and refine a real crystal structure. Nuclear Magnetic Resonance (NMR) and mass spectrometry are used routinely in the characterisation of new and existing compounds. Simple 1-D and more sophisticated 2-D NMR experiments can lead to information that, if interpreted correctly, enable the assignment of connectivity and stereochemistry. The NMR section of this course will be presented as a series of lectures and problem solving sessions. An assignment using several spectroscopic techniques to assign the structure of an unknown compound will be part of the overall assessment of this section of the course. This course provides students with requisite skills and knowledge to characterise new or existing chemical compounds in a research or quality control/analytical laboratory setting.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Medicinal & Biological Chemistry	Medicinal chemistry is a multidisciplinary science involving molecular design, chemical synthesis and bioassays followed by modifying compound properties for pharmaceutical applications. Medicinal chemistry thus combines organic chemistry with biochemistry, physical chemistry, microbiology, pharmacology, structural biology, computer modelling and molecular biology.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Advanced Inorganic Chemistry	This course is for those specifically interested in inorganic chemistry and the physical methods that underpin its application to bio-inorganic and materials science. It is founded on the fundamental electronic properties which distinguish the d- and f-block elements from all others in the periodic table; their electronic structure, electron transfer and magnetic properties.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		

Advanced Physical Chemistry	This course is an introduction to concepts, theories & methods in modern physical chemistry & elements of computational molecular science. It will include molecular quantum mechanics, electronic structure, molecular dynamics, biomolecular & materials simulations, spectroscopy & statistical thermodynamics.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Nanoscience: Self-assembly	Introduction to advanced materials & nanotechnology. The focus is on colloids & self assembled systems and covers both inorganic and organic materials. Assembly, state-of-art characterisation, chemistry, properties & novel applications. This course explores the forces that control 2D and 3D nanomaterials.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Nanoscience: Synthesis	Introduction to the synthesis of nanostructures and their use in nanotechnology. Fundamentals of synthetic methods, structure-property relationships and application in computing, drug and vaccine delivery, plastic optoelectronics, diagnostics, nanoreactors, and nanorobots. This course would aid anyone as a practitioner in the field of nanomaterials.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Advanced Experimental Chemistry	This course will consist of practical training, going some way towards addressing the market place need for industry-ready chemists with relevant practical skills. A laboratory intensive experience with the attendant exposure to quantitative & qualitative analytical skills as well as other core laboratory competencies will be taught. A lecture component may be included in order to enhance and develop many of the instrumental techniques employed in the laboratory.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Honours in Chemistry	This is a year long research intensive course designed to build on all the chemistry theory learned in the first three years of undergraduate and provide crucial research training.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	2		
Honours in Chemistry	This is a year long research intensive course designed to build on all the chemistry theory learned in the first three years of undergraduate and provide crucial research training.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	2		
Spoken Chinese IA	For students with no prior knowledge of Chinese language. Oral/aural modern Chinese (Mandarin) outlining grammar & phonology with aid of Romanised script (Pinyin).	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		

Written Chinese IA	Reading & writing Chinese characters for students with no prior knowledge of Chinese language. Includes structural analysis of both traditional & simplified characters & important grammatical patterns. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Spoken Chinese IB	Continuation of CHIN1100. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	2		
Written Chinese IB	Continuation of CHIN1200. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
English and Chinese Interpreting 1	This course introduces students to basic interpreting skills between English and Chinese (Mandarin). It includes introduction to different interpreting settings and expectations. It mainly covers dialogue interpreting, consecutive interpreting and sight translation. Students will also learn skills concerning memory, note-taking and communication management. The course exposes students to different subject areas in interpreting including education, community services and immigration. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Chinese for Native Speakers: Essentials of Chinese Language	Intended for native speakers of Mandarin studying Modern Standard Chinese in Australian context. Includes Romanisation schemes, analysis of traditional & simplified scripts, grammar & dialect difference. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Chinese > English Translation: An Introductory Course	This course is designed for native speakers of Mandarin Chinese & its dialects who speak English as a second language. It introduces to students the fundamental skills in Chinese-English translation through a variety of media and genres, both oral & written, drawn from sources including television, film & formal & informal written texts. Specific training will be given in the selection of context appropriate English expression. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Languages & Cultures School	2		

Fundamentals in English > Chinese Translation and Interpreting	This course aims to introduce to students the basic principles and the two major approaches of English to Chinese translation and the application of these principles in four major styles of writing. These principles are generally adopted by professional translators. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Languages & Cultures School	2		
Written Chinese IIA	Further study, based on prepared text, of Chinese sentence structure & character vocabulary, leading to practice in simple letter-writing. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Spoken Chinese IIB	Further facets of spoken Chinese with immediate practical application. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Written Chinese IIB	Practice in reading, translation and simple composition based on graded series of up-to-date specimens of modern Chinese from a variety of sources. Further practice in simple letter-writing. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Spoken Chinese IIIA	CHIN3100 & CHIN3110 aim to consolidate & enhance aural comprehension & oral skills in spoken Chinese on a wide range of topics covering major aspects of modern Chinese society. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Spoken Chinese IIIB	CHIN3110 & CHIN3100 aim to consolidate & enhance aural comprehension & oral skills in spoken Chinese on a wide range of topics covering major aspects of modern Chinese society. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Written Chinese IIIA	This course aims to develop students' skills in reading & writing Chinese in representative styles of Modern Chinese. Texts used include short stories, fiction, essays & newspaper articles. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		

Written Chinese IIIB	More advanced reading, translation & composition based on up-to-date specimens of modern Chinese. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Chinese>English Translation for Non - Native Speakers	This course is designed to introduce non - native speakers of Chinese to practical Chinese>English translation. It will focus on essential linguistic, cultural and practical aspects of translation and, in doing so, will enable students to grasp some of the key practical and ethical issues in this field. Students will be trained to critically reflect on linguistic, cultural, social and translation issues encountered in their translation practice. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Techniques in English > Chinese Translation	Learning the "free translation" techniques such as sentence re-construction & changing perspective used by professional translators. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Advanced Chinese>English Translation	This course builds on the translation concepts introduced in CHIN2700 and extends their application to texts of both the same and new, more complex, genre. In so doing, an advanced understanding of genre-specific issues in translation from Chinese into English is provided as well as advanced development of context-appropriate English expression. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Techniques in Teaching Chinese as a Second Language	This course focuses on contrastive analysis of morphological, syntactic, discourse, pragmatic and cognitive aspects of Chinese and English. It also analyses errors in Chinese interlanguage produced by English speaking learners and explores pedagogical approaches to effectively teach Chinese vocabulary and grammar to native English speakers. The purpose of this course is to raise awareness of potential difficult areas for English speaking learners in their learning of Chinese as a second language.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		

Translation Skills and Practice (English to Chinese)	This course is designed to develop students' practical skills in translation from English into Chinese and translation revision. Students will develop an understanding of translation criteria and principles, learn different translation techniques and their applications in practice, identify translation issues, use computers in translation, and practise in subject areas including society, immigration, health and law. Links between theoretical concepts and practice will be emphasised. This course will prepare students for further study in translation at the professional level.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	2		
Translation Skills and Practice (Chinese to English)	This course is designed to develop students' practical skills in translation from Chinese into English, as well as in translation revision. Students will develop an understanding of translation criteria and principles, learn different translation techniques and their applications in practice, identify translation issues, use computers in translation, and practise in subject areas including society, immigration, health and law. Links between theoretical concepts and practice will be emphasised. This course will prepare students for further study in translation at the professional level.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	2		
Interpreting Skills & Practice (English and Mandarin)	This course is designed to develop students' practical skills in different modes of interpreting between English & Mandarin including dialogue interpreting & consecutive interpreting, as well as skills in sight translation. Particular skills to be introduced in the course include memory, note-taking & paralinguistic skills. The course ensures that the link between the theoretical concepts & practice is maintained & emphasises the systematic articulation of an analytical, self-examining process. The course exposes students to different interpreting scenarios in various areas including society, immigration, health and law.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	2		

Language Consolidation for Translation & Interpreting Purposes	This course is designed to enhance students' English & Chinese languages proficiency, extend their command of vocabulary in more advanced elements of syntax, heighten their awareness of idiomatic & dialectal usage, improve their understanding of different styles of expression, & develop an understanding of linguistics, in order to improve students' ability in translation & interpreting practice. Ability to express in grammatically & syntactically correct English & Chinese will be emphasised.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	2		
Professional Translation (English and Chinese)	This course is designed to further develop students' practical skills in translation from English into Chinese & vice versa up to the level of Professional Translator (formerly Level 3) of National Accreditation Authority for Translators & Interpreters (NAATI). Students will develop an insight of high quality translation, skilfully apply translation techniques in practice, use computer in translation, & practise in subject areas including society, business & trade, law, international relations, science & technology. The link between theoretical concepts & practice will be emphasised.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	1		
Professional Translation (English to Chinese)	This course is designed to develop students' practical skills in translation from English into Chinese and translation revision to the level of Certified Translator (formerly known as Professional Translator or Level 3) of National Accreditation Authority for Translators and Interpreters (NAATI). Students will develop an insight of high quality translation, skilfully apply translation techniques in practice, translation revision skills, and practise in subject areas including business and trade, international relations, science and technology, and tourism. The link between theoretical concepts and practice will be emphasised.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		

Professional Translation (Chinese to English)	This course is designed to further develop students? practical skills in translation from Chinese into English up to the level of Professional Translator (formerly Level 3) of National Accreditation Authority for Translators and Interpreters (NAATI). Students will develop an insight of high quality translation, skilfully apply translation techniques in practice, use computer in translation, and practise in subject areas including business and trade, international relations, science and technology, and tourism. The link between theoretical concepts and practice will be emphasised.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		
Professional Interpreting (English and Mandarin)	This course is designed to further develop students' practical skills in interpreting between English & Mandarin up to the level of NAATI Certified Interpreter (formerly known as Professional Interpreter or Level 3) of National Accreditation Authority for Translators & Interpreters (NAATI). Students will engage in extensive practice in dialogue interpreting, consecutive interpreting & sight translation in the subject areas including society, business & trade, law, international relations, science & technology. Simultaneous interpreting will be introduced. Students' command of interpreting skills including memory, note-taking & paralinguistics will be further strengthened.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	2		
Contextual Studies for Translators & Interpreters	This course looks at social & cultural aspects of Australia & countries & regions where relevant LOTE (language other than English) language is used. It places the skills acquired in the language components of this program into their social & institutional context, by focusing on the structure & organisations within which translators & interpreters work. It gives students an understanding of the operation of various institutions in their political, economic, social & cultural setting in the respective country & region. The course also acquaints students with the terminology used in particular areas such as law, medical service, social security, industrial system, thus assisting in the development of specialised vocabularies for the different contexts of translation & interpreting.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	2		

Translation & Interpreting Practicum	This course is designed to introduce & involve students in active translation/interpreting tasks within specific field settings & under the supervision of the program convener, experienced translators/interpreters or a mentor assigned by the program convener. Whilst the overall purpose of the practicum is to ensure that students have maximum opportunities to be active in translation/interpreting tasks, other learning activities related to the general work context of translation/interpreting, e.g. attending interdisciplinary meetings, conferences, an agency visit, interpreter-assisted court proceedings etc will be facilitated wherever & whenever possible. The course includes 2 in-class contact hours per week & an additional 100 hours of simulated &/or virtual field practice as required by NAATI.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	1		
Thesis in Translation & Interpreting Studies	This course is by research only. It enables students to undertake research in the area of translation and interpreting practice. The research should both reflect students' factual knowledge of translation/interpreting and demonstrate a sound understanding of theories. Since translation/interpreting is an interdisciplinary subject, research from different disciplinary angles is encouraged. Students are required to write a thesis of 10,000 words, which should demonstrate reasonable theoretical depth. Through this course, students' research ability will be developed or further enhanced, which will prepare them for further research in the future study towards a higher degree.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	2		
Simultaneous Interpreting (English and Mandarin)	This course aims to develop students' practical skills in simultaneous interpreting between English and Mandarin at the professional level. It will focus on strategies and techniques required in simultaneous interpreting. The course will expose students to different scenarios in which simultaneous interpreting is used such as legal proceedings, state functions and international conferences. The subject areas for simultaneous interpreting include science and technology, society, business and trade, politics and international relations.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	2		

Literary Translation	This course introduces students to the translation from Chinese to English of texts selected from a range of literary genres. It includes coverage of relevant theories in translation studies and case studies drawn from the translation of modern and contemporary Chinese novels, short stories, non-fiction literature and poetry, as well as practical writing and translation tasks. This course may be cancelled if fewer than 20 students enrol.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	1		
Translation and Interpreting for Science, Engineering and Technology	This course introduces students to translation and interpreting between English and Chinese for science, engineering and technology. It includes translation and interpreting skills, contextual knowledge, and research skills involved in doing T&I for SET. It also covers readings and case studies of T&I in SET.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		
Fundamentals of Soil Mechanics	Soil Mechanics investigates the behaviour of soil under mechanic stress and deformation interacting with flow of water. This introductory course gives a first insight into the interesting world of soils. The course deals with: fundamental description of soils on the REV scale, the characterisation and the classification of soils; fundamental principles in the description of flow of water in porous media introducing the hydraulic head based on the equation of Bernoulli, determination of hydraulic conductivity and flow nets; fundamental mechanical concepts including the effective stress concept, strength of soils, consolidation, settlement and testing procedures.	Undergraduate	Semester 2, 2018	Civil Engineering School	1		
Structural Mechanics	Analysis of statically determinate structures. Section properties, principal axes & Mohr's circle, unsymmetrical bending, torsion of circular shafts. Shear stresses in solid & thin-walled sections. Stress-strain in 2D. Deflection in beams, double integration, moment-area & unit-load methods. Deflection in truss & frame structures. Influence lines. Column & beam buckling.	Undergraduate	Semester 1, 2018	Civil Engineering School	1		
Introduction to Structural Design	Basic principles of structural design, loads on structures. Limit State design methodology, design of steel members: tension, compression, beam-columns & combined actions.	Undergraduate	Semester 2, 2018	Civil Engineering School	1		

Reinforced Concrete Structures & Concrete Technology	Reinforced concrete theory for flexure, shear, compression; strength & serviceability limit states; slabs - lower bound analysis. Strength & deformation properties; material selection; mix design & specification; durability; code requirements; case studies; laboratory; practicals. [Students will be required to provide their own PPE (safety glasses and steel cap boots) and possess a current "General Safety Induction Course - Construction Industry" site card or similar recognised under Queensland legislation.]	Undergraduate	Semester 2, 2018	Civil Engineering School	1		
Traffic Flow Theory & Analysis	This course introduces students to the field of traffic engineering, with a focus on road traffic flow theory and analysis. The course emphasises the need for good planning, design, and operation of transport facilities in order to improve safety, mobility, reliability, and efficiency and explains how the knowledge of the fundamental characteristics of traffic flow is used in various design and operations problems. The course covers basic traffic flow theory and queueing theory; shockwave analysis and congestion management strategies; traffic surveys and data collection; highway capacity and level-of-service analysis; design of intersections, traffic signals, and roundabouts.	Undergraduate	Semester 1, 2018	Civil Engineering School	1		
Probability, Statistics and Scientific Computing	The course introduces fundamental concepts of probability, statistical methods and computer programming strategies to perform data analyses and develop mathematical models for engineering applications. The content comprises probability distributions, sampling methods, hypothesis tests, regression, computer programming, graphing and visualisation, among others.	Undergraduate	Semester 1, 2018	Civil Engineering School	1		
Catchment Hydraulics: Open Channel Flow & Design	Catchment hydraulics: behaviour of flows in channels; open channel flow; design & applications.	Undergraduate	Semester 1, 2018	Civil Engineering School	1		
Catchment Hydrology	Catchment processes including precipitation, evapotranspiration, infiltration & runoff; generation of flows from catchments; statistical analysis of hydrological data; behaviour of flows in channels. Introduction to watershed, groundwater & hydraulic modelling.	Undergraduate	Semester 2, 2018	Civil Engineering School	1		

Modelling of Environmental Systems	Students completing a dual major in Civil and Environmental Engineering must complete CIVL3150. Students completing a dual major in Chemical and Environmental Engineering may complete either CIVL3150 OR CHEE3007. Note that CHEE2501 is a recommended pre-requisite for CIVL3150 for students completing a dual major in Chemical and Environmental Engineering.	Undergraduate	Semester 2, 2018	Civil Engineering School	1		
Geotechnical Engineering	Application of soil mechanics knowledge to geotechnical engineering analysis & design. Earth pressure; retaining walls; basement excavations; bearing capacity; shallow footings; domestic footings; piled footings; settlement; slope stability; dynamic pile testing.	Undergraduate	Semester 1, 2018	Civil Engineering School	1		
Structural Analysis	Indeterminate structures, static & kinematic indeterminacy, flexibility & stiffness concepts. Matrix structural analysis, force & displacement methods. Direct stiffness method & structural modelling using computer packages. Introduction to nonlinear analysis, plastic analysis & collapse mechanisms. Introduction to structural dynamics.	Undergraduate	Semester 1, 2018	Civil Engineering School	1		
Structural Design	Design projects involving design, analysis & drawing of practical structures in steel & reinforced concrete.	Undergraduate	Semester 2, 2018	Civil Engineering School	1		
Transportation Systems Engineering	Covers the fundamentals of road safety, the process of urban transport planning, travel-demand forecasting and basic road design variables which are vital to the successful design and operation of the transport system.	Undergraduate	Semester 2, 2018	Civil Engineering School	1		
Introduction to Project Management with Building Information Modelling	This course will deliver the principles of project management in the context of civil engineering. This will include: work planning & control; scheduling, including critical path methods; internal and external costs (understanding, estimating and controlling); teams communication and team leadership; quality and safety culture; resources; professional ethics and Building Information Modelling for project management.	Undergraduate	Semester 2, 2018	Civil Engineering School	1		
Advanced Open Channel Flow & Hydraulic Structures	Please Note: this course is only offered in even-numbered years (eg. 2018). Stream hydraulics & in-stream structures: introduction, modelling & environmental issues.	Undergraduate	Semester 2, 2018	Civil Engineering School	1		

Geotechnical Investigation & Testing	Purpose of geotechnical investigation and testing; geotechnical site investigation methods, including test pitting, drilling, soil sampling, rock coring, in situ testing, cone penetration testing of soil profiles, and geophysical testing; planning a geotechnical investigation and testing program; laboratory testing methods for soils and rocks, their applications and limitations, and their interpretation; geotechnical parameter assessment. [An optional field exercise will be offered during the mid-semester break.]	Undergraduate	Semester 1, 2018	Civil Engineering School	1		
Advanced Rock Mechanics	Applications of rock mechanics; investigation of rock masses; in situ and laboratory testing of rocks, their applications and limitations, and their interpretation; rock mass classification systems; rock parameter assessment; rock support and excavation lining systems; and analytical and numerical analyses of rock masses, including example applications to rock slopes, underground excavations in rock, and rock support and excavation lining systems.	Undergraduate	Semester 2, 2018	Civil Engineering School	1		
Advanced Structural Analysis	Advanced structural analysis. Dynamic analysis. Finite element analysis. Lectures & project work. Guest lecturers will also be invited to give presentations on different aspects of more challenging projects.	Undergraduate	Semester 2, 2018	Civil Engineering School	1		
Advanced Concrete Design	Prestressed concrete structures - analysis and design of prestressed concrete beams, design of simple prestressed concrete bridges and portal frames. Analysis and design of corbels and anchorage detailing using strut and tie models. Design for Torsion in reinforced concrete beams.	Undergraduate	Semester 1, 2018	Civil Engineering School	1		
Design of Timber Structures	A course on the design of timber structures for students looking towards a career in Structural Engineering. The course covers: understanding timber properties, timber micro structure, engineering design with wood (material strength used in design, compression, tension, bending), connection design, engineered wood products, designing for fire resistance, designing for durability.	Undergraduate	Semester 2, 2018	Civil Engineering School	1		

Advanced Transport Engineering	This course builds on previous traffic and transport engineering subjects and covers more advanced topics in transport engineering. Modules focus on transport data, demand forecasting, impact assessment, freight transport, externalities and energy. Students will learn about public transport, airport planning, seaport operations and the fundamentals of the geometric design of roads.	Undergraduate	Semester 2, 2018	Civil Engineering School	1		
Travel Behaviour and Transport Modelling	The course provides students with novel knowledge about modelling transport in general, and modelling travel behaviour in particular. The course provides theoretical understanding of behavioural theories underpinning different statistical and econometric model (e.g., regression models, discrete choice models, count data models), as well as their practical application to datasets provided in lab exercises.	Undergraduate	Semester 1, 2018	Civil Engineering School	1		
Highway Geometric Design	This course provides students with an understanding of the basic principles and techniques of highway design. This will include laying out potential routes, design of the alignment and intersections, evaluation of earthwork requirements, and safety considerations. The student should understand and apply these principles to highway design problems. The student should also use existing computer tools to generate, design, and evaluate these designs.	Undergraduate	Semester 2, 2018	Civil Engineering School	1		
Civil Design I	Advanced civil engineering design projects; philosophy of design & selection of systems; risk assessment; integrated design focussing on structures, geomechanics & transport engineering. [Note: Students will be required to meet costs associated with copying of design reports prior to submission.]	Undergraduate	Semester 1, 2018	Civil Engineering School	1		
Civil Design III	Advanced civil engineering design projects; philosophy of design & selection of systems; risk assessment; integrated design primarily focussing on hydraulics, coastal, environmental, geomechanics and transport engineering. [Note: students will be required to meet costs associated with copying of design reports prior to submission.]	Undergraduate	Semester 2, 2018	Civil Engineering School	1		

Analytical Methods for the Design of Construction Operations	The course will give students an understanding of the process by which construction field operations are designed and optimised and will provide students with hands-on knowledge in the use of various software tools needed for that purpose. Upon completion of the course students will be able to design a new operation and improve an existing one by proper measurement of current performance, and modelling and analysis using computer simulation.	Undergraduate	Semester 2, 2018	Civil Engineering School	1		
Project	Minor thesis on a topic in civil engineering. Project planning and participation; project report. Offered in Semester 1 and Semester 2.	Undergraduate	Semester 1, 2018	Civil Engineering School	2		
Research Thesis	(May commence Sem 2) Substantial research thesis on a topic in civil engineering. Literature review; research planning, library information skills course; seminar. Students commencing in sem 1 enrol in CIVL4580 for sem 1 and 2; students commencing in sem 2 enrol in CIVL4582 for sem 2 & the following sem 1.	Undergraduate	Semester 2, 2018	Civil Engineering School	2		
Research Thesis	(May commence Sem 2) Substantial research thesis on a topic in civil engineering. Literature review; research planning, library information skills course; seminar. Students commencing in sem 1 enrol in CIVL4580 for sem 1 and 2; students commencing in sem 2 enrol in CIVL4582 for sem 2 & the following sem 1.	Undergraduate	Semester 1, 2018	Civil Engineering School	2		

Physical and numerical modelling of environmental fluid mechanics	Please Note: this course is only offered in even-numbered years (eg. 2018). The focus of this course is the physical and numerical modelling of environmental fluid mechanic flows (e.g. dam-break flow, open channel hydraulics, wind, or waves). Techniques for data collection, physical model verification, data analysis, scaling laws are explored. Digital literacy through numerical model choice and development, finite difference, finite element and finite volume models, stability analysis, both analytically and numerically, rules of thumb to check models, data handling and managing model codes and test cases, uncertainty methods, two phase flows. Techniques and models to be in aligned with Industry practice and research, including developing model input (e.g., model choice, survey data, model schemes, structures, & historical information), Boundary conditions, initial conditions, model parameters, sensitivity & uncertainty, calibration/verification, quality assurance processes, reporting.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		
Underground Structures, Support Design and Construction	Please Note: this course is only offered in even-numbered years (eg. 2018). Underground structures are an important element of urban infrastructure, ranging from flood storage to urban transport, retail spaces to public places. This course will cover the planning, design, construction and operational aspects of underground projects. Through the projects, students will develop an awareness of spatial planning strategies using examples of major infrastructure projects. Students will obtain knowledge about planning, the socio-economic benefits for society, geotechnical investigations, preliminary and detailed design, and construction of underground assets. Detailed design using empirical, semi-empirical and numerical modelling will be introduced as well as aspects of monitoring and observation of actual support behaviour. Students will apply these concepts to a project scenario and develop the ability to use urban underground structures.	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	1		

Advanced Concrete Structures and Concrete Technology	This course aims to provide students with advanced analysis and design of reinforced concrete (RC) structures, as well as state-of-the-art knowledge and understanding of concrete material technology. For RC structures, students will be exposed to advanced analytical theory and design principles of non-conventional RC design such as non-flexural and torsional members, moment redistribution, confinement, design of high-strength concrete structural components. For concrete technology, the microstructures of hardened concrete/cementitious paste, their significance in performance of concrete structures and influencing factors will be explained. The course also covers practical aspects such as the use of fillers and chemical admixtures in high-performance concrete mix design, crack control and investigation, creep and shrinkage and various long-term durability issues. Real life case studies will be used to explain the problems that can occur, how these problems could be avoided and how these problems could be resolved.	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	1		
Design of Composite Structures	A course on the advanced analysis and design of structural elements for students looking towards a career in Structural Engineering. The course covers: composite steel-concrete structures, elastic and rigid plastic analysis of composite beams, composite columns, composite connections, Advanced composite materials, mechanical properties, Failure theories, FRP strengthened RC/steel beams, FRP confined concrete columns.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		

Computational Design and Structural Geometry	A range of advanced computational methods exist to enable engineers to solve complex analysis and design challenges. The first half of this course introduces students to topics related to computational methods for design problems, including: parametric design, generative design, optimisation & form-finding, and digital fabrication. The second half of this course introduces students to topics related to computational methods for design and analysis of performance-driven structural geometries, including: cable-net & membrane structures (tension), shell structures (compression), tensegrity structures (tension & compression), and bending-active structures (bending).	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	1		
Spatial and Quantitative Methods for Transport Data Analytics	Please Note: this course is only offered in even-numbered years (eg. 2018). The growing amount of transport data that are available passively and actively from a variety of systems and sensors requires increasing knowledge of quantitative methods for descriptive and predictive purposes. Moreover, the location information in these data is increasingly important because the spatial context plays an essential role in decision making and problem solving in a number of transport applications. Accordingly, this course provides the necessary knowledge from statistics and regression techniques to demand forecasting, from optimisation methods to Geographic Information Systems, with emphasis on the theory as well as the practice of big data analytics.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		
Research Thesis	This course provides students with an opportunity to apply all the knowledge and skills developed across the whole course to a research or real world problem. Students will undertake a research project or a program of independent enquiry under the direction of an academic or research staff member. Students commencing a year long project in sem 1 enrol in CIVL7500 for sem 1 & sem 2; students commencing a year long project in sem 2 enrol in CIVL7501 for sem 2 & the following sem1.	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	2		

Research Thesis	This course provides students with an opportunity to apply all the knowledge and skills developed across the whole course to a research or real world problem. Students will undertake a research project or a program of independent enquiry under the direction of an academic or research staff member. Students commencing a year long project in sem 1 enrol in CIVL7500 for sem 1 & sem 2; students commencing a year long project in sem 2 enrol in CIVL7501 for sem 2 & the following sem1.	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	1		
Research Methods for Civil Engineers	Understanding and applying the elements of good research design for Civil Engineers is the primary focus of this course. These elements include the critical synthesis of literature and prior knowledge, formulation of research questions, composition of research hypotheses, proper design of field data collection and experiments, collection and analysis of data (observational and experimental), modelling of stochastic data, and interpretation and dissemination of research results.	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	1		
Research Project	This course provides students with an opportunity to apply all the knowledge and skills developed across the whole course to a research or real-world problem. Students will undertake a research project or a program of independent enquiry under the direction of an academic or research staff member. Students commencing a yearlong project in semester 1 enrol in CIVL7511 for semester 1 & semester 2; students commencing a yearlong project in semester 2 enrol in CIVL7512 for semester 2 & the following semester 1	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	2		
Research Project	This course provides students with an opportunity to apply all the knowledge and skills developed across the whole course to a research or real-world problem. Students will undertake a research project or a program of independent enquiry under the direction of an academic or research staff member. Students commencing a yearlong project in semester 1 enrol in CIVL7511 for semester 1 & semester 2; students commencing a yearlong project in semester 2 enrol in CIVL7512 for semester 2 & the following semester 1	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	1		

Special Topics in Civil Engineering	Special topics in an area of civil engineering. Course may be offered at relatively short notice by visiting or specialist lecturers.	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	1		
Special Topics in Computer Science 3A	Specialist lectures/projects on topical issues in computer science to be given by visiting lecturers or staff members nominated by the Head of School. For details and availability, consult Head of School.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Operating Systems Architecture	Implementation and design techniques for operating systems. Core material includes advanced kernel-level and device driver programming techniques, how operating systems principles are realised in practice, principles and practice of operating system support for distributed and real-time computing, case studies and different approaches to operating system design and implementation, including different models of software ownership.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Algorithms & Data Structures	Data structures & types, mapping of abstract information structures into representations on primary & secondary storage. Analysis of time & space complexity of algorithms. Sequences. Lists. Stacks. Queues. Sets, multisets, tables. Trees. Sorting. Hash tables. Priority queues. Graphs. String algorithms.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Artificial Intelligence	Methods & techniques within the field of artificial intelligence, including problem solving and optimisation by search, representing and reasoning with uncertain knowledge and machine learning. Specific emphasis on the practical utility of algorithms and their implementation in software.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Special Topics in Computer Science 4A	Special topics course for students who have secured supervision and a project which is approved by the Director of Coursework Studies/Head of School.	Undergraduate	Summer Semester, 2	Info Tech & Elec Engineering	1		
Compilers and Interpreters	Compiler modules; programming language specifications; lexical analysis, parsing - recursive descent & table driven; static semantics - symbol tables & type checking; error handling; introduction to code generation & optimisation; compiler generators; interpreters.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		

Advanced Algorithms & Data Structures	Analysis of algorithms. Solution of summation & recurrence equations. Algorithm paradigms: divide-&-conquer, greedy algorithms, dynamic programming, backtracking, branch-&-bound. Advanced graph algorithms. Amortised analysis. Self-adjusting data structures. Complexity classes, NP-completeness. Approximation algorithms. Randomized algorithms.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Machine Learning	Machine learning is a branch of artificial intelligence concerned with the development & application of adaptive algorithms that use example data or previous experience to solve a given problem. Topics include: learning problems (e.g regression, classification, unsupervised, reinforcement) & theory, neural networks, statistical & probabilistic models, clustering, ensembles, implementation issues, applications (e.g. bioinformatics, cognitive science, forecasting, robotics, signal & image processing).	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Computer Science Honours Project	A research-based thesis course that offers students the opportunity to work on a comprehensive, individual project that demonstrates mastery of computer science. Topic to be agreed in consultation with a supervisor. The project will be of suitable complexity for results to be published for an expert audience. Students commencing in semester 1 enrol in COMP6801, students commencing in semester 2 enrol in COMP6802. Students wishing to complete thesis in a single semester enrol in COMP7880.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	2		
Computer Science Research Project	Substantial research project focusing on a particular area of computer science. Year-long project culminates with a written thesis & presention of poster. Students commencing in sem 1 enrol in COMP6803 for Sem 1 & 2; students commencing in sem 2 enrol in COMP6804 for sem 2 & the following sem 1.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	2		
Computer Science Research Project	Substantial research project focusing on a particular area of computer science. Year-long project culminates with a written thesis & presention of poster. Students commencing in sem 1 enrol in COMP6803 for Sem 1 & 2; students commencing in sem 2 enrol in COMP6804 for sem 2 & the following sem 1.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	2		

Special Topics in Computer Science 7A	Specialist lectures/projects on topical issues in computer science to be given by visiting lecturers or staff members nominated by the Head of School. For details & availability contact enquiries@itee.uq.edu.au	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		
Operating Systems Architecture	Implementation and design techniques for operating systems. Core material includes advanced kernel-level and device driver programming techniques, how operating systems principles are realised in practice, principles and practice of operating system support for distributed and real-time computing, case studies and different approaches to operating system design and implementation, including different models of software ownership.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Compilers and Interpreters	Compiler modules; programming language specifications; lexical analysis, parsing - recursive descent & table driven; static semantics - symbol tables & type checking; error handling; introduction to code generation & optimisation; compiler generators; interpreters.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Advanced Algorithms & Data Structures	Analysis of algorithms. Solution of summation & recurrence equations. Algorithm paradigms: divide-&-conquer, greedy algorithms, dynamic programming, backtracking, branch-&-bound. Advanced graph algorithms. Amortised analysis. Self-adjusting data structures. Complexity classes, NP-completeness. Approximation algorithms. Randomized algorithms.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Algorithms & Data Structures	Data structures & types, mapping of abstract information structures into representations on primary & secondary storage. Analysis of time & space complexity of algorithms. Sequences. Lists. Stacks. Queues. Sets, multisets, tables. Trees. Sorting. Hash tables. Priority queues. Graphs. String algorithms.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Artificial Intelligence	Methods & techniques within the field of artificial intelligence, including problem solving and optimisation by search, representing and reasoning with uncertain knowledge and machine learning. Specific emphasis on the practical utility of algorithms and their implementation in software.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		

Machine Learning	Machine learning is a branch of artificial intelligence concerned with the development & application of adaptive algorithms that use example data or previous experience to solve a given problem. Topics include: learning problems (e.g regression, classification, unsupervised, reinforcement) & theory, neural networks, statistical & probabilistic models, clustering, ensembles, implementation issues, applications (e.g. bioinformatics, cognitive science, forecasting, robotics, signal & image processing).	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Computer Science Research Project	Substantial research project focusing on a particular area of computer science. Year-long project culminates with a written thesis & presention of poster. Students commencing in sem 1 enrol in COMP7801 for Sem 1 & 2; students commencing in sem 2 enrol in COMP7802 for sem 2 & the following sem 1.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		
Computer Science Research Project	Substantial research project focusing on a particular area of computer science. Year-long project culminates with a written thesis & presention of poster. Students commencing in sem 1 enrol in COMP7801 for Sem 1 & 2; students commencing in sem 2 enrol in COMP7802 for sem 2 & the following sem 1.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	2		
Computer Science Research Project	Substantial research project focusing on a particular area of computer science. Topic to be agreed in consultation with a supervisor. The project will be of suitable complexity for results to be published for an expert audience. Students commencing in semester 1 enrol in COMP7801 for Sem 1 & 2, students commencing in semester 2 enrol in COMP7802 for sem 2 and the following sem 1. Students completing in a single semester enrol in COMP7840.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		

Computer Science Research Project	A research-based thesis course that offers students the opportunity to work on a comprehensive, individual project that demonstrates mastery of computer science. Topic to be agreed in consultation with a supervisor. The project will be of suitable complexity for results to be published for an expert audience. Students commencing in semester 1 enrol in COMP7861, students commencing in semester 2 enrol in COMP7862. Students wishing to complete thesis in a single semester enrol in COMP7860.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		
Computer Science Research Project	Course duration is two semesters, with the first semester being #2 units & the second semester being #4 units, alternatively available as single semester #6 units. A research-based thesis course that offers students the opportunity to work on a comprehensive, individual project that demonstrates mastery of computer science. Topic to be agreed in consultation with a supervisor. The project will be suitable complexity for results to be published for an expert audience. Students commencing in semester 1 enrol in COMP7861, students commencing in semester 2 enrol in COMP7862. Students wishing to complete thesis in a single semester enrol in COMP7860.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		
Computer Science Research Project	A research-based thesis course that offers students the opportunity to work on a comprehensive, individual project that demonstrates mastery of computer science. Topic to be agreed in consultation with a supervisor. The project will be of suitable complexity for results to be published for an expert audience. Students commencing in semester 1 enrol in COMP7881, students commencing in semester 2 enrol in COMP7882. Students wishing to complete thesis in a single semester enrol in COMP7880.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		

Computer Science Research Project	A research-based thesis course that offers students the opportunity to work on a comprehensive, individual project that demonstrates mastery of computer science. Topic to be agreed in consultation with a supervisor. The project will be of suitable complexity for results to be published for an expert audience. Students commencing in semester 1 enrol in COMP7881, students commencing in semester 2 enrol in COMP7882. Students wishing to complete thesis in a single semester enrol in COMP7880.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		
Information Security	Access control, Authentication, Security Models, Secret-key and Public-key Cryptography, Network Security and Application-layer Security.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Computer Networks I	OSI & Internet reference models. Communication protocols for Local, Metropolitan & Wide Area Networks. BISDN networks. The Internet protocol suite. Mobile Networks. Quality of service in communication protocols. Network security. Trends in communication networks.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Photonics	Introduction to modern photonics for applications in optical communications, data storage, optical computing & optical sensing. After completing the course, students will have the understanding of operation & limitations of enabling photonic technologies & gain the ability to analyse & simulate photonic devices & systems using analytical & numerical methods.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Microwave Engineering	This course uses electromagnetic principles to present the theory & operation of simple circuit devices & antennas at microwave frequencies, which are the part of modern microwave communication equipment. The emphasis is placed on planar guiding & radiating structures that enable either hybrid &/or monolithic integration of the devices. Modern CAD software packages are introduced & demonstrated through simulations of microwave networks & antenna configurations.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Communication Systems	Communications receivers & transmitters, modulation & demodulation, baseband & narrowband signal characteristics, analogue & digital communication systems, information theory, source & channel coding.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		

Computer Networks II	Software Defined Networking, Network Programming, Peer-to-peer Networks, Network Management, Queuing Theory, Wireless Networks	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Advanced Computer and Network Security	Cryptographic algorithms, advanced security protocols, Blockchain technology, current security research topics.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Information Security	Access control, Authentication, Security Models, Secret-key and Public-key Cryptography, Network Security and Application-layer Security.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Microwave Engineering	This course uses electromagnetic principles to present the theory & operation of simple circuit devices & antennas at microwave frequencies, which are the part of modern microwave communication equipment. The emphasis is placed on planar guiding & radiating structures that enable either hybrid &/or monolithic integration of the devices. Modern CAD software packages are introduced & demonstrated through simulations of microwave networks & antenna configurations.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Computer Networks II	Software Defined Networking, Network Programming, Peer-to-peer Networks, Network Management, Queuing Theory, Wireless Networks	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Computer Networks I	OSI & Internet reference models. Communication protocols for Local, Metropolitan & Wide Area Networks. BISDN networks.The Internet protocol suite. Mobile Networks. Network security. Trends in communication networks. Quality of service in communication protocols.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Advanced Microwave Engineering	The course introduces EM field principles followed by the network theory to obtain efficient means for analyzing and designing of microwave circuits. It puts a special emphasis on planar guiding structures that enable either hybrid and/or monolithic integration of passive and active mircrowave devices. Next, it introduces the concept of noise and nonlinearities followed by equivalent circuit models of diodes and transitors that are used to generate, switch, phase shift, detect, mix or amplify microwave signals. By applying modern CAD software packages it demonstrates how passive and active microwave sub-systems can be designed, simulated and optimized.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		

Computational Techniques in Electromagnetics	(Offered on an occasional basis.) This course covers the modelling of electromagnetic phenomena, in particular, the Method of Moments (MoM), the finite difference Time domain (FDTD) and ray based high frequency methods. At the conclusion of the course, students should be able to understand the concepts and models used in Computational Electromagnetics and also be able to apply these to advanced engineering problems.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Photonics	Introduction to modern photonics for applications in optical communications, data storage, optical computing & optical sensing. After completing the course, students will have the understanding of operation & limitations of enabling photonic technologies & gain the ability to analyse & simulate photonic devices & systems using analytical & numerical methods.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Communication Systems	Communications receivers & transmitters, modulation & demodulation, baseband & narrowband signal characteristics, analogue & digital communication systems, information theory, source & channel coding.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Advanced Computer and Network Security	Cryptographic algorithms, advanced security protocols, Blockchain technology, current security research topics.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Crossing Bridges: Communicating between Cultures	How people negotiate meaning across cultural boundaries, with special reference to the differing expressions of politeness, cultural sensitivity, negotiation, explicit & covert language, & their relation to local & international cultures.	Undergraduate	Semester 1, 2018	Languages & Cultures School	2		
Communication Skills: Spoken Language & Interpersonal	This course will introduce you to contextual communication skills, specifically a theoretical and practical understanding of some communication skills and their application in conflict management, impression management, health communication, the communication of deception and inter-cultural communication. It is designed to give you a basic working competence in communication skills and an understanding of their appropriate use in interpersonal contexts.	Undergraduate	Semester 2, 2018	Psychology School	1		

Introduction to Public Relations	This course is an introduction to public relations practice. It is designed to give students a fundamental understanding of how to research a communication problem and develop an appropriate program while considering its legal and ethical contexts.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Media and Society	This course is designed to encourage you to examine and critically assess the relationship between the media and society. You will study how media and cultural industries shape our experience of the world. The course examines how media are used to represent the world and exercise power in society. Critical attention is given to the meaning-making, participatory and data-processing capacities of media.	Undergraduate	Semester 1, 2018	Communication & Arts School	2		
Connectivity and Culture	This course is designed to explore the centrality of the internet in contemporary communication and culture. You will learn about the various technologies of the internet impact on how we organise and communicate online. You will also actively engage in critical debates relating to anonymity, surveillance, censorship, online abuse, algorithmic culture, the digital divide, and digital disruption. Practically you will learn valuable skills in relation to basic web coding, online publication, content management, and introductory media analytics.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Multimedia	This course teaches students to critically pair creative content and information with digital media. It also introduces students to both analyse and create transmedia narratives, drawing on a variety of different genres and media platforms. In producing their own transmedia stories, students will hone a set of media production skills, including audio-visual digital media as well as verbal presentation skills.	Undergraduate	Semester 1, 2018	Communication & Arts School	2		
Public Relations Writing	Students gain hands-on skills in writing, editing, designing and desktop publishing effective promotional publications and creating and producing video material. In this rich immersion experience, students produce work for traditional and new media environments, including media releases, promotional brochures and an informational video.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		

Communication Research Methods	This course provides a foundation for the next level of discipline-specific research methods by introducing qualitative and quantitative research methods, as well as a practical understanding of research in academic and professional settings.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Media Design	You will acquire the skills for integrated design, production and distribution of media content. The course incorporates text, audio, visual, interactive and graphic design elements.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
News Analysis	You will examine news as a global cultural product and practice across print, broadcast and online platforms. The course utilizes methods such as framing, agenda setting, content analysis and discourse analysis to analyse the structure and content of news.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Digital Media Industries	You will undertake an historical and critical examination of continuous evolutions in media industries and technologies. The course addresses the dynamic relation between audiences, industries, and technologies.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Media and Identity	This course builds on the concepts of power and media that were introduced in COMU1120, offering focused analyses of the ways that various media forms recreate and represent intersections between individual, social and cultural identity.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Communication Law and Ethics	You will examine regulations, laws and ethical issues that impact on communication practitioners and journalists. The course covers a broad range of fields within modern democracies including free speech, privacy, contempt, defamation, copyright, freedom of information and confidentiality.	Undergraduate	Semester 1, 2018	Communication & Arts School	2		
Intercultural Communication	This course critically examines the relationship between culture, identity and communication.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Media Strategies	You will examine the strategic use of media by the public relations industry. The course examines a range of media, including news and current affairs, social media, and entertainment, and the role these play in campaign design and delivery.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Communication for Social Change	Theory and practice of communication and social change, using case studies.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		

Media Cultures	COMU3005 is a capstone course in cultural studies which consolidates skills and knowledge gained in first and second level cultural and communication studies courses as well as previous studies you may have undertaken in film and television and media studies.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Learning from the International Experience	This course builds on the knowledge and skills acquired in COMU1002 and POLS2224. It provides students with a theoretical framework for analysing intercultural communication and evaluating intercultural competence (in particular their own), and provides an opportunity for debriefing both during and after study abroad. Students acquire advanced skills in intercultural problem-solving and communicate their learning journey so as to enhance the understanding of others. Students complete the first semester of this year-long course online and have a choice to complete the second semester on campus at St Lucia or online.	Undergraduate	Semester 1, 2018	Languages & Cultures School	2		
Learning from the International Experience	This course builds on the knowledge and skills acquired in COMU1002 and POLS2224. It provides students with a theoretical framework for analysing intercultural communication and evaluating intercultural competence (in particular their own), and provides an opportunity for debriefing both during and after study abroad. Students acquire advanced skills in intercultural problem-solving and communicate their learning journey so as to enhance the understanding of others. Students complete the first semester of this year-long course online and have a choice to complete the second semester on campus at St Lucia or online.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Digital Project	You will undertake original research and produce a publicly accessible digital media product that may examine a significant political, social or cultural issue.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		

Media Platforms	You will examine how media platforms are comprised of data-processing infrastructure, algorithms, interfaces and mobile devices. We critically explore the engineering projects of media platforms in simulation, surveillance, sensing, machine learning, artificial intelligence and augmented reality. The course explores how media organisations engineer and experiment with our social lives, bodies and lived experience.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Digital Analytics	You will develop critical understanding and skills in the analysis of different media datasets. The course applies advanced computational communication research methods to media content, platforms and networks.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Public Relations Project	You will design, develop and evaluate a campaign for a real client. You will meet the client face-to-face, take a brief and be tasked with developing industry-ready materials for a public relations campaign.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Issues and Stakeholder Engagement	You will learn about the principles and practice of issues management, crisis communication, and reputation recovery. You will develop an understanding of how to identify and manage emerging issues that can threaten an organisation?s reputation and prepare for and manage crises.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Political Communication	Study how spin-doctors, politicians and the mass media work together to create public opinion.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		

Communication Internship	It is important that communication professionals gain industry-based experience to better integrate their university study with their professional practice. Equipped with skills and discipline knowledge as well as industry experience better positions students flourish when they enter the workplace. For this course, you will participate in the workday routine of a communication organisation for the specified period, undertaking those tasks assigned to them and seeking to display initiative, enthusiasm, professionalism and a willingness to learn. You will, where opportunity allows, contribute to the output of the organisation, working under the supervision of a communication practitioner. You will generate a LinkedIn profile, submit a job application and participate in a mock job interview. During your internship you will plan, observe and analyse. Upon completion, you will submit a reflection. The Internship application form is available here.	Undergraduate	Semester 1, 2018	Communication & Arts School	3		
Topics in Journalism and Communication Studies	This course offers a critical understanding of theories which both inform, and are reflective of, journalism and communication practice. The course provides the theoretical foundations for the honours thesis through supervised reading, seminar presentation and participation. Students will explore a range of research communication strategies including oral, written and multi-media presentations.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Honours Seminar	Honours Coursework in Communication & Cultural Studies (including Film & Television and Media)	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	1		
Honours Research Thesis	A supervised 15,000 word thesis which reports an original piece of research, grounded in knowledge of the theories and previous studies in the field, and completed in a manner consistent with research reporting in that field. This course is part of the Bachelor of Arts (Honours) Communication & Cultural Studies program and the Bachelor of Communication (Honours) program.	Undergraduate	Semester 1, 2018	Communication & Arts School	2		

Communication for Social Change	Communication for social change is an emerging frontier, the goal of which is to use communication processes, techniques and media to facilitate social, economic and technological development. In this course students will be introduced to the traditions of employing communications for social change, to the factors that influence theory and practice, to new and evolving approaches to communication for social change, and to the ethical and moral basis of the differing communication traditions. A key concept explored is the consistency between development paradigms and communication traditions, particularly related to theories of modernisation, dependency, and participatory communication. This course will be taught through case studies, interactive seminars, student led sessions, and analytical essays.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	1		
Communication Project	Candidates will research and write an original project on a topic in communication relevant to their field of study.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	2		
Thesis	Candidates will research and write an original thesis on a topic in communication relevant to their field of study. Typically candidates complete this course in their last semester. To enroll in the course please contact the School of Communication and Arts (student.commarts@uq.edu.au).	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	2		
Communication and Social Movements	Throughout the ages social movements have contributed to contesting the order of things. Social movements have appeared and disappeared, been tolerated or crushed, become popular or remained on the margins, and influenced society in the long run or merely created temporary change. This course will explore the differences between traditional and new social movements, the relationship between social movements and the media, and the role of communication in the democratisation process. The contribution and limitations of the media reform movements will be critically analysed, the major theoretical traditions of social movement theory will be explored, and students will gain an in-depth understanding of social movement theories in relation to examples from around the world. This course will be taught through case studies, interactive seminars, student led sessions, and analytical essays.	Postgraduate Coursework	Semester 2, 2018	Communication & Arts School	1		

Community Informatics	The primary objective of this course is to enable students to get a better understanding of community informatics, its applications in context, and its impact on development and social change. The course will specifically deal with the political and economic drivers that condition the uses of community informatics and will provide a broad overview of the affordances of community informatics. Using case studies of contested issues involving copyright, community-based approaches such as Rhizomatica in Mexico, internet governance, and e-government, the course will offer students an opportunity to understand the uses of community informatics by organisations, governments and activists, the larger politics of access and some of the key factors that either impede or facilitate the practice of community informatics.	Postgraduate Coursework	Semester 2, 2018	Communication & Arts School	1		
Practicum	This course offers an individually designed program that enables students to gain hands-on experience in the practical application of communication principles and processes in a work environment. Students undertake short-term or part-time assignments with a host organisation of their choice. Tasks to be involved in can include creating a communication strategy or campaign, facilitating stakeholder engagement, creating relevant policy briefs, writing a research paper, developing project proposals, conducting a participatory situation analysis, capacity building, or reviewing existing communication practices. Suitability of proposed placements are discussed with each student individually. The Internship application form is available here.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	2		

Participatory Media Production	Participatory Media Production is a collaborative approach to the production of media (audio, video, still images, text) that emphasizes working with a group or community in creating their media for learning, making themselves heard, and enabling positive change and transformation.In this course, students will gain a foundation for understanding participatory media theory, facilitating participatory production processes, and creating and evaluating participatory media products relating to a complex social issue set by the course convenors. Course assessment will culminate in a live and internet based broadcast with accompanying online support materials that showcase the participatory media production principles and practices covered in the course.	Postgraduate Coursework	Semester 2, 2018	Communication & Arts School	1		
Communication for Social Change: Foundations	This course provides an introduction to the theory and practice of communication for social change and engages students in critically analysing the ways in which communication can foster social change.	Postgraduate Coursework	Semester 2, 2018	Communication & Arts School	1		
PR and Professional Practice: Foundations	This course is an introduction to the field and practice of public relations at a postgraduate level. You are encouraged to study and critically appraise the principles, history, and different approaches to PR from academic and industry perspectives. COMU7103 will help you build your own understanding of the role of PR in today's mediatised society. This is a Foundations course that students should complete before proceeding to advanced subjects.	Postgraduate Coursework	Semester 2, 2018	Communication & Arts School	1		
Communication Theory	The course introduces communication theories to Master of Communication students. These theories will be deployed to engage with real communication problems.	Postgraduate Coursework	Semester 2, 2018	Communication & Arts School	1		

Communication Research Methods	This course equips you with the knowledge and skills you will need to undertake academic research in the broad area of communication. It explores the paradigmatic assumptions and theoretical perspectives behind the many different ways of conducting research in communication, and by extension, the broad area of humanities and social sciences where communication plays a central role. We provide practical examples and guidance as to how communication research should be planned and implemented.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	1		
Communication Practice and Campaigns	COMU7301 examines the theory and practice of public relations at a postgraduate level. The course walks students through the process of developing ethical, research based and effective communication programmes and campaigns. Weekly seminars explore relevant theories and their application, research methods, campaign planning techniques, best practice frameworks and case studies drawn from the public relations literature. Students will actively design and mobilise their own communication plans. The aim is to build and maintain meaningful multi stakeholder relationships in the context of fast moving and increasingly complex societies.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	1		
Issues and Crisis Management	Students are required to identify, analyse and develop strategies for organisational, industrial and environmental challenges and disasters using the theories, models and methods of issues management and crisis communication. Techniques applied include environmental scanning, issue and stakeholder mapping and crisis communication planning.	Postgraduate Coursework	Semester 2, 2018	Communication & Arts School	1		
Digital Media Theory and Practice	You will analyse the importance of modern media in public relations and professional communication practice. You will examine digital media from broad perspectives, including the changing role of the news media, the impact of digital analytics, the importance of digital storytelling, and the use of social networks for professional communication. You will gain a firm theoretical and critical understanding while also developing audio-visual skills through media workshops.	Postgraduate Coursework	Semester 2, 2018	Communication & Arts School	1		

Intercultural Communication	COMU7311 provides specialised, advanced, and integrated knowledge and skills for research and professional practice in intercultural communication. Students will critically review a complex body of knowledge in intercultural communication, reflect on and synthesise theories and research, apply and transmit knowledge and skills to specialist and non-specialist audiences. The general goal of this course is to equip students with the capacity to demonstrate autonomy, expert judgement, adaptability and responsibility as effective communicators in intercultural contexts.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	1		
Communication and Accountability	This course deals with the theory and practice of communication ethics and the legal framework in which communication professions operate, including the legal system, notions of justice, defamation, contempt and copyright.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	1		
Numerical Methods in Computational Science	This course provides an introduction to basic numerical methods and computer programming for the solution of a number of classes of scientific problems. The course is interdisciplinary in nature, incorporating a number of case studies in biology, physics, chemistry, and engineering.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Visualization, Computer Graphics & Data Analysis	Scientific visualisation is the use of images to provide insight into phenomena, and is a key tool for the analysis and understanding of biological, physical and engineering processes. It is becoming ever more important as the size of data sets continue to grow due to increasing power of computers and measurement devices. This course provides an introduction to computer graphics, data analysis and visualisation as tools to understand and interpret real world data and output from large-scale computational models.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		
High-Performance Computing	This course teaches the methods and technology of high-performance computing and its usage in solving scientific problems. Major topics include: grid and cluster computing, parallel computing, agent-based modelling and simulation. The course is interdisciplinary in nature, incorporating a number of case studies in biology, physics, chemistry, and engineering.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		

Numerical Methods in Computational Science	This course provides an introduction to basic numerical methods and computer programming for the solution of a number of classes of scientific problems. The course is interdisciplinary in nature, incorporating a number of case studies in biology, physics, chemistry, and engineering.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
High-Performance Computing	This course teaches the methods and technology of high-performance computing and its usage in solving scientific problems. Major topics include: grid and cluster computing, parallel computing, agent-based modelling and simulation. The course is interdisciplinary in nature, incorporating a number of case studies in biology, physics, chemistry, and engineering.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Interpersonal Skills in Counselling 1	This course will introduce students to the basic foundational knowledge and skills of counselling. Students will be introduced to the various foundational counselling skills through an understanding of the aspects of the counselling interations that lead to change, direct teaching and demonstrations as well as being given supervised practice in the performance of these skills and their integration into a respectful approach to counselling. A link between skills and theoretical underpinnings is an important part of the course.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Theories of Counselling	This course will familiarize students with the major theories that underpin the counselling profession and that inform the counselling relationship. Students will be expected to demonstrate a thorough knowledge of the history and theoretical development of counselling, understanding the principles and practices behind the major models of practice. This course is taught in weekly workshop format.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Relationship Counselling	This course will introduce students to current theory and practice in the field of relationship counselling. It will recognise the importance of relationships to our ongoing life satisfaction and wellbeing. It will also examine the complexities of family and culture of origin issues as these pertain to relationship dynamics.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		

Counselling and Mental Health	This course will focus on various paradigms for conceptualising mental wellbeing and psychopathology. A biopsychosocial model for assessing the mental health and wellbeing of clients will be emphasised. Students will be encouraged to consider the use of psychological testing in counselling and the major classificatory systems for mental disorders as well as develop an understanding of the major disorders.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		
Advanced Interpersonal Skills	This course will introduce students to advanced skills and practice in counselling/therapy. Students will be shown demonstrations of various advanced interpersonal skills and given supervised practice in the performance of the counselling/therapy process, from initial stages to termination. A satisfactory level of proficiency is expected before students can pass this course.	Postgraduate Coursework	Semester 2, 2018	Psychology School	1		
Counselling Children and Young People	This course examines the theory underlying counselling children and young people and a range of therapeutic strategies and approaches for counsellors working with children and young people in various settings and confronting various issues.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Understanding and Caring for Those Affected by Loss	The course explores in a thematic and theoretically integrated manner common issues of loss and grief that are inherent in many aspects of human functioning and adverse life events. As such it provides an example of an integrative approach to counselling. The influence of loss on reactions to a situation as well as approaches to intervention are considered. Throughout the course, students are encouraged to apply the knowledge gained to their personal experiences and work practices. The course aims to enhance the ability of practitioners to empower those dealing with loss through a) a knowledge of the literature around situations of loss including problems in grieving; b) the encouragement of individual, familial, community and system strengths, and c) the prevention of the escalation of problems associated with failure to address issues of loss and grief incumbent in a particular situation.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Counselling for Health and Capacity Challenges	The purpose of this course is to develop student understanding of the issues and counselling approaches associated with challenges as the result of health conditions or capacity changes. As such, it considers areas including acute health conditions and emergencies, chronic health conditions, terminal and life-limiting conditions as well as capacity issues associated with disability, chronic mental health issues, addiction, and ageing.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Ethics and Professional Practice Issues in Counselling	Introduces students to the important issues of ethics as they relate to the counselling profession. The course will examine the ethics codes of professional organisations as well as explore the approaches to ethical reasoning. The course will also consider issues of professional practice and supervision in both the public and private practice.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Counselling for Crisis and Violence	This course will introduce students to theory, research, and practical skills for counsellors who are working sensitively with people facing crisis situations with special consideration of victims/survivors of violence and those facing traumatic events.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Counselling Practicum	Students will gain in-depth supervised practice experience in an agency setting, either government or non-government. In the practicum, students will have the opportunity to apply counselling theory, knowledge and skills with clients. To pass this course, students must demonstrate competency in counselling within a range of presenting issues and demonstrate critical reflection on knowledge of theory and issues related to counselling practice and supervision. Students are to contact the Field Education Unit (fielded@uq.edu.au) for a pre-placement interview in October of the preceding year for semester 1 commencement and April of the same year for semester 2 commencement. Students undertake COUN7020 as a year long course in their final year of study.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	2		

Introduction to Criminology	An overview of the nature of crime in Australia and the different approaches to understanding criminal behaviour. The course seeks to ground students with an understanding of the causes of crime, the major methods for measuring crime, as well as the dominant theoretical perspectives in the field of Criminology.	Undergraduate	Semester 1, 2018	Social Science School	2		
Introduction to Criminal Justice	The course provides an introduction to the criminal justice system in Australia. Students will examine the policies and practices of law enforcement, adjudicative and correctional agencies of the criminal justice system. Topics will include the role of the criminal justice system in social control, the aims and current issues facing the police, courts and corrections, and criminal justice reform.	Undergraduate	Semester 2, 2018	Social Science School	2		
The Psychology of Criminal Justice	This course systematically explores the effectiveness of the law and justice system from a psychological perspective. By experiencing a fictional case first hand, you will learn about the psychology of law and some of the misconceptions commonly held about criminal justice. This course is only available to students in the Virtual Exchange Program.	Undergraduate	Semester 1, 2018	Psychology School	1		
Introduction to Professional Practice in Criminology	This course aims to provide the knowledge and skills to prepare students for future employment in professional areas related to criminology and criminal justice. This course will provide foundational knowledge of the core elements of professional practice and challenge students to explore how these elements lead to better outcomes in a range of different criminological and criminal justice contexts. The course will teach through a combination of lectures, group work and presentations by criminology/criminal justice field experts who will discuss the application of target skills within their profession's practice. Students will also learn tools to develop their own professional framework and portfolio that can demonstrate their skills and knowledge to potential employers.	Undergraduate	Semester 1, 2018	Social Science School	1		
Youth and Deviance	An examination of the key issues of youth deviance, crime and justice in Australia, including representations of youth deviance and delinquency, factors influencing youth delinquency and the ways we (as a community) respond to delinquent youth.	Undergraduate	Semester 1, 2018	Social Science School	1		

Crime, Victims and Justice	This course examines a range of issues related to victims of crime. It covers theories of criminal victimisation, data on victimisation trends and rates, the impact of crime, victim's interaction with the criminal justice system and the victimisation of particular groups. Programs aimed at alleviating and recognising victims rights and needs will be evaluated e.g. restorative justice, victim and offender mediation and government support initiatives.	Undergraduate	Semester 2, 2018	Social Science School	1		
Global Security and Regulation	This course will examine a number of current and emerging threats that challenge the global security of nation states. Topics to be examined include global security threats arising from terrorism, extreme environmental events, organised crime and cyber crime. Throughout the course these security threats will be studied in-depth through an examination of specific trends and case studies to better understand the level of risk they present to countries like Australia. Policy responses will also be canvassed with a focus on the prevention of global security threats and the regulation of processes and behaviours that give rise to them.	Undergraduate	Semester 2, 2018	Social Science School	1		
Crime, Inequality and Social Justice	This course examines connections between crime, gender and race. There are persistent differences in patterns of crime, victimisation, and criminal processing between men and women, as well as between people of different racial and ethnic backgrounds. Students will be exposed to historical and theoretical frameworks for understanding the complex intersection between race, gender and crime.	Undergraduate	Semester 2, 2018	Social Science School	1		
Punishment and Society	The course provides students with a critical understanding of the theoretical and policy issues associated with the punishment and treatment of offenders. In doing so, the course examines the broader context of social control within modern societies, and the impact of institutions on social interaction.	Undergraduate	Semester 1, 2018	Social Science School	1		

Doing Justice: What Works to Reduce Crime	Evidence-based crime policies aim to control crime problems using strategies and tactics informed by sound, scientific evidence and rigorous program evaluation. In this course students learn about the process of evidence-based crime policy development from the initial triggering event to translation into practice and evaluation. The course also gives students practical skills to recognise, assess, and generate evidence-based crime policies across a range of different crime and justice domains such as police, courts, corrections, and in related areas such as drug and alcohol treatment, corporations and crime prevention.	Undergraduate	Semester 2, 2018	Social Science School	1		
Police and Society	This course is organised around key emerging issues in the study of policing, such as police legitimacy, police roles and functions, police behaviour, misconduct and accountability, police use of force, gender issues in policing, police-minority relations, measuring police performance and organisational change and the emergence of new forms of police practices (e.g. third-party, community policing and problem oriented policing). It examines factors that shape the development, organisation and operational practice of modern policing such as police legitimacy and public confidence in the police.	Undergraduate	Semester 1, 2018	Social Science School	1		
Comparative Criminology - the Cross-Cultural Study of Crime and Criminal Justice	Comparative criminology is concerned with the study of crime and criminal justice systems across geo-political, historical and cultural contexts. The aim is to understand the similarities and differences in how societies respond to crime and explore the traditions, processes, histories and geographies that influence crime and its control. Using tools and frameworks for comparative analysis and a mix of methodological approaches the course will examine comparative research through a range of case studies in criminal justice policies and examine the cultural appropriateness of criminological theories to understanding the occurrence of crime.	Undergraduate	Semester 1, 2018	Social Science School	1		

Advanced Criminological Theory	Departmental consent is required to enrol in this course - please contact the School for permission to enrol. This course examines major advances in criminological theory over the past century. The course extends knowledge provided in introductory criminology theory and considers current theoretical debates as well as the current research standing of core theories in the field of Criminology. The course provides students with an opportunity to understand the dimensions and complexities of original theoretical statements as well as empirical challenges in testing theories of criminal behaviour.	Undergraduate	Semester 2, 2018	Social Science School	1		
Crime over the Lifecourse	This course provides an introduction to life-course criminology - the study of individual involvement in, and experiences of, crime over the lifespan. Throughout the semester, we?ll be reading about and discussing a number of key topics in life-course criminology including how people become involved in crime, why some people seem to commit crime throughout their lives, and how and why others leave it behind. We?ll also consider what it means to adopt a life-course perspective and how that perspective differs from other ways of thinking about individuals and crime. Finally, we'll consider some of the implications of taking a life course perspective for criminal justice policy.	Undergraduate	Semester 1, 2018	Social Science School	1		
Offender rehabilitation, re-entry and re-integration	This course explores the challenges that convicted offenders face through processes of rehabilitation, reentry, and reintegration. Through an exploration of a range of corrections topics, students will gain knowledge about current and past correctional management practices. Students will be exposed to evidence-based concepts, research and policy from experts in the field. Students will gain critical knowledge and skills that will help them to contribute as practitioners in the field.	Undergraduate	Semester 2, 2018	Social Science School	1		

Advanced Professional Practice in Criminology	This course aims to provide students with specialised skills and practice knowledge relevant to professions in criminology and criminal justice. The course combines hands-on training in a series of learning labs focusing on high priority skill development required for government, non-government and private industry graduate employment markets. Industry experts work with students to directly translate learned specialised skills into real-life end-user products.	Undergraduate	Semester 1, 2018	Social Science School	1		
Honours Research Thesis	CRIM6008 - Runs over two semesters, commencing in Semester 1. CRIM6009 - Runs over two semesters, commencing in Semester 2. Independent research and thesis preparation under the guidance of a supervisor.	Undergraduate	Semester 2, 2018	Social Science School	2		
Mediation	Mediation is an effective way of resolving disputes and is now used in most Australian courts and tribunals. In some areas an extensive pre-litigation scheme exists and parties are required to attend mediation prior to commencing litigation. It is also used extensively in the resolution of community conflicts and in international peacemaking. In international and environmental areas, facilitators use mediation skills to assist the creation of innovative solutions. Increasingly, conflict resolution skills are required in management and business to effectively prevent, manage and resolve disputes and complaints. This interactive course was developed to meet the National Mediator Accreditation System (NMAS). Emphasising practical skills, students practice the theory of mediation by mediating and participating in a range of conflict role play simulations whilst receiving individual feedback on their style and overall performance by highly qualified practitioners. In the skills component, participants work with the mediation model and learn alternative approaches to deal with varying circumstances. This course has a quota of 27 enrolments.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		

Introduction to Software Engineering	Introduction to Software Engineering through programming with particular focus on the fundamentals of computing & programming, using an exploratory problem-based approach. Building abstractions with procedures, data & objects; data modelling; designing, coding & debugging programs of increasing complexity	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	2		
Programming in the Large	This course covers techniques that scale to programming large software systems with teams of programmers. The techniques are explained in the context of the specification, implementation, testing and maintenance of software systems. The course utilises the Java programming language and covers programming concepts such as data abstraction, procedural abstraction, unit testing, class hierarchies and polymorphism, exception handling, file I/O, and graphical user interfaces.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	2		
Introduction to Computer Systems	Introduction to digital logic & digital systems; machine level representation of data; computer organization; memory system organization & architecture; interfacing & communication; microcontroller architecture and usage; programming of microcontroller based systems.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Computer Systems Principles and Programming	Systems Programming in C. Operating Systems Principles: memory management, basics of machine organization, file systems, processes & threads, interprocess communication. Computer Networks Principles: topologies & models of computer networks, protocols, network programming, network applications.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
The Software Process	Software lifecycle as an industrial process, definable, manageable & repeatable. Requirements engineering, object-oriented analysis. Software requirements specification, prototyping, verification & validation, configuration management, maintenance. Software quality, process standards, process improvement. Software engineering tools.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Special Projects in Computer Systems and Software Engineering	A significant industry-based project (e.g. CEED project) that integrates technical, commercial and other factors. Projects must be approved prior to enrolment.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	2		

Embedded Systems Design & Interfacing	Microcontroller system hardware and software. C programming for embedded microcontroller and peripheral devices. Principles and practice of using Embedded RTOS (Real Time Operating System) and peripheral devices such as sensors and actuators to build a small embedded system. Peripheral interfacing methods and standards. Analog-digital conversion methods and interfacing. Basics of digital communication signals, modulation schemes and error correction methods. Data compression, formats for audio, image and video coding.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Reasoning About Programs	Software is written with the intention that it will carry out a desired task. To write such software requires algorithmic problem solving skills; and to do so correctly requires us to make precise the task at hand, and to be able to reason that an implementation satisfies the task's precise requirements. This advanced course on programming introduces structured, formal methods for: specifying the desired behaviour of programs, showing that programs are correct with respect to their specifications, and deriving algorithms from specifications. These techniques are designed to assist developers to solve programming problems, and to produce high quality software.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Distributed Computing	Motivation and models in distributed computing including models for communication, processes, naming, process synchronisation, replication, consistency & fault tolerance. Examples of distributed services & distributed computing environments. Design and implementation of distributed applications. Design principles of context-aware pervasive systems.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		

Digital System Design	The objective of this course is to give the students the theoretical basis & practical skills in modern design of medium size digital systems in various technologies, with a focus on Field Programmable Gate Arrays (FPGAs). The design methodology, systematically introduced & used in the course, is based on simulation & synthesis with hardware description language (VHDL) tools. Topics covered in this course include: conceptual design step from requirements & specification to simulation & synthesis model in VHDL, design of complex controllers with Finite State Machines, design of sequential blocks with Controller-Datapath methodology, issues in design for testability, electrical & timing issues in logic and system design, overview of implementation technologies with emphasis on advances in FPGAs.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Advanced Embedded Systems	Advanced topics in Embedded System, including wireless networks and wireless sensor networks.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
The Software Process	Software lifecycle as an industrial process, definable, manageable & repeatable. Requirements engineering, object-oriented analysis. Software requirements specification, prototyping, verification & validation, configuration management, maintenance. Software quality, process standards, process improvement. Software engineering tools.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Distributed Computing	Motivation and models in distributed computing including models for communication, processes, naming, process synchronisation, replication, consistency & fault tolerance. Examples of distributed services & distributed computing environments. Design and implementation of distributed applications. Design principles of context-aware pervasive systems.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Advanced Software Engineering	This course covers techniques that scale to programming large software systems with teams of programmers. The techniques are explained in the context of the specification, implementation, testing and maintenance of software systems. The course utilises the Java programming language and covers programming concepts such as data abstraction, procedural abstraction, unit testing, class hierarchies and polymorphism, exception handling, file I/O, and graphical user interfaces.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		

Introduction to Software Engineering	Introduction to Software Engineering through programming with particular focus on the fundamentals of computing & programming, using an exploratory problem-based approach. Building abstractions with procedures, data & objects; data modelling; designing, coding & debugging programs of increasing complexity.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		
Reasoning about Programs	Software is written with the intention that it will carry out a desired task. To write such software requires algorithmic problem solving skills; and to do so correctly requires us to make precise the task at hand, and to be able to reason that an implementation satisfies the task's precise requirements. This advanced course on programming introduces structured, formal methods for: specifying the desired behaviour of programs, showing that programs are correct with respect to their specifications, and deriving algorithms from specifications. These techniques are designed to assist developers to solve programming problems, and to produce high quality software.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Introduction to Computer Systems	Introduction to digital logic & digital systems; machine level representation of data; computer organization; memory system organization & architecture; interfacing & communication; microcontroller architecture and usage; programming of microcontroller based systems.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Computer Systems Principles and Programming	Systems Programming in C. Operating Systems Principles: memory management, basics of machine organization, file systems, processes & threads, interprocess communication. Computer Networks Principles: topologies & models of computer networks, protocols, network programming, network applications.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Special Projects in Computer Systems and Software Engineering	A significant industry-based project (e.g. CEED project) that integrates technical, commercial and other factors. Projects must be approved prior to enrolment.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		

Digital System Design	The objective of this course is to give the students the theoretical basis & practical skills in modern design of medium size digital systems in various technologies, with a focus on Field Programmable Gate Arrays (FPGAs). The design methodology, systematically introduced & used in the course, is based on simulation & synthesis with hardware description language (VHDL) tools. Topics covered in this course include: conceptual design step from requirements & specification to simulation & synthesis model in VHDL, design of complex controllers with Finite State Machines, design of sequential blocks with Controller-Datapath methodology, issues in design for testability, electrical & timing issues in logic and system design, overview of implementation technologies with emphasis on advances in FPGAs.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Advanced Embedded Systems	Advanced topics in Embedded System, including wireless networks and wireless sensor networks.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Concurrency: Theory and Practice	Provides a solid understanding of the issues of concurrent programming - processes and threads, scheduling, synchronisation, communications, and data sharing - including their application in distributed systems. The course covers methods for both the specification and verification of such systems at a high level of abstraction, and their implementation in a modern programming language.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Introduction to Data Science	This course introduces the fundamental process of data science and provides the necessary computational and statistical foundations for further courses in the master of data science. Design thinking methodology will be utilised to approach complex data science problems as a design problem. The data science process will be practiced through case studies in a number of data-intensive domains.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	2		

Responsible Data Science	Gathering, understanding, interpreting and making decisions based on collected data is an invaluable tool for science, business and governments. Concerns about privacy, consent, confidentiality, discrimination, ownership, commercialisation, intellectual property and the importance of fair benefit sharing are known. Being aware of conflicts of interest and the need to ensure equity, reciprocity and respect for cultural diversity are increasingly seen as important. What is less recognised is the nature of the roles of those who access and make decisions about collected linked personal information. The emerging global banked data that has become a key part of contemporary decision-making raises questions about the role of the data scientist. In this course students will critically analyse the ethical and legal foundations of data science governance that are relevant to the technical processes of data collection, storage, exchange and access. Issues covered will include the ethical dimensions of data management, legal and regulatory frameworks in Australia and in relevant jurisdictions, data policy, data privacy, data ownership, legal liabilities regarding analytical decisions, and discrimination. The course will equip students to identify the ethical and legislative requirements that underpin the technical processes of data science and to apply ethical and legal considerations to the core processes of data analytics. It will also introduce algorithms and technical approaches to minimise the risk of data identifiability and disclosure. A range of case studies will be used to explore these issues in applications of data science, including the use of government administrative data for informing social policy, to integrate ethical, legal and technical considerations.	Postgraduate Coursework	Semester 2, 2018	Historical & Philosophical Inq	2		

Data Analytics at Scale	Data Science techniques often need to be applied to large amounts of data to generate insights. To deal with volume, velocity, and variety of data we need to rely on novel computational architectures that focus on scaling-out data processing as compared to the classic scale-up approach. Such systems allow to add computational resources to a distributed system depending on requirements and load which changes over time. In this course we will give students knowledge about modern scale-out system architectures to perform data analytics queries over very large structured/unstructured datasets as well as to run data mining algorithms at scale.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Statistical Methods for Data Science	This course will provide students with the core ideas which are important for analysing and interpreting massive data sets. These include modelling techniques: Linear models, smoothing regularisation and LASSO methods for big datasets and logistic regression. Students will also be introduced to a range of data science specific tools such as time-series models, spatial models, graphical models, process simulation and image processing techniques. Data based decision making methods and algorithms.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Machine Learning	Machine learning is a branch of artificial intelligence concerned with the development & application of adaptive algorithms that use example data or previous experience to solve a given problem. Topics include: learning problems (e.g regression, classification, unsupervised, reinforcement) & theory, neural networks, statistical & probabilistic models, clustering, ensembles, implementation issues, applications (e.g. bioinformatics, cognitive science, forecasting, robotics, signal & image processing).	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Data Science Capstone Project 1	The capstone project will focus on tackling a data science problem sourced from science, government or industry. Capstone projects can be research oriented or development oriented.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Data Science Capstone Project 2	(First offered from Semester 1, 2018) The capstone project will focus on tackling a data science problem sourced from science, government or industry. Capstone projects can be research oriented or development oriented.	Postgraduate Coursework	Semester 2, 2018	Business, Economics & Law Fac	1		

Design Thinking	This course introduces students to the design process, working through the discovery, interpretation, ideation, experimentation and evolution of design solutions. Through short collaborative design projects, students develop essential design skills of seeing, imagining and communicating in order to generate, iterate, evolve and communicate design concepts. Subjects such as design processes, thinking methods, brainstorming & idea generation, user focussed thinking and aesthetics are covered during the course.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Introduction to Web Design	This course introduces the student to design and development practices for multimedia content, focusing particularly on web sites. Modern design practices for the web are taught, framed by an introduction to human-centred design techniques, particularly heuristic based interface design guidelines for web interfaces and web accessibility from a global perspective. Today's web sites need to be both well designed and dynamic, thus the course also introduces some basic scripting techniques for going beyond static content. The focus of learning is activity based and incorporates both individual and team based exercises.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Design Computing Studio I - Interactive Technology	This course introduces students to the Design Computing studio stream. Students work in multidisciplinary teams to design, iterate & implement design computing projects. Students will move from concept and proposal through to the design and technical resolution of proposed designs. The projects will also enable students to develop important skills such as problem solving, reflection in action, communication and presentation.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Graphic Design	Design practice in light of background of shifting production languages, convergent technologies & professional design contexts. Fundamental graphic applications for print technologies & principles of print, page anatomy & construction, design production literacies & requirements for application to screen design. Role of process in design & roles & responsibilities inherent in design production processes.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		

Digital Prototyping	This course introduces students to a range of digital prototyping techniques for generating proof-of-concept solutions for design computing projects. Students will design and rapidly prototype interactive solutions, following up with critique and reflection on the success and/or failure of artefacts presented.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Human-Computer Interaction	Models of action, perception, cognition and interaction in human-machine systems. Methods of interaction analysis and interaction representation. Human-machine system evaluation. Practical implementation. Introduction to user and use-centred design principles. Broader topics may include: societal considerations, groupware, multimedia, media perspectives.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Design Computing Studio 2 - Testing & Evaluation	Interdisciplinary teams of students undertake studio-based programming projects covering a broad understanding of software verification & validation; configuration management; project management and team work; software & project design process & documentation.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Special Topics in Design Computing 3A	Specialist lectures/projects on topical issues in design computing to be given by visiting lecturers or staff members nominated by Head of School. For details and availability contact enquiries@itee.uq.edu.au.	Undergraduate	Summer Semester, 2	Info Tech & Elec Engineering	1		
Social & Mobile Computing	Topics in social computing - groupware, social software, computer supported cooperative work. Considerations in the design of mobile and ubiquitous computing systems: mobility research; distributed user research; multi-player environments; tangible; physical and wearable computing.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Design Computing Studio 3 - Proposal	A studio-based course in which interdisciplinary teams of students develop a proposal for a significant software-based system. The course aims to consolidate and expand on students previous experience with designing information systems, user interfaces, and computer software and systems. Subjects such as requirements elicitation, business cases, design specifications, and identifying and dealing with professional and ethical issues associated with software projects and products are covered during the course.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		

Design Computing Studio 3 - Build	A studio-based course in which interdisciplinary teams of students build a significant software-based system according to client requirements and project deadlines. The course aims to consolidate and expand on students previous experience with implementing information systems, user interfaces, and computer software and systems. Subjects such as project planning, risk management and software quality assurance are covered during the course.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Physical Computing & Interaction Design Studio	This course introduces students to the interaction design challenges of building physical computing environments. Physical computing tehnology mediates people's embodied interactions in order to gather input and present output through a combination of various sensor and display technologies. Following a studio process, students engage in collaborative design activities to understand a problem space; explore alternative solutions, leading to a cogent technology proposal; and deliver an interactive proof of concept prototype tool or environment combining appropriate digital and physical components.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Advanced Human-Computer Interaction	Design Languages & methods applied to user interface design. Hands-on studio-based design experience. Task analysis, advanced interfaces, specifying & designing functionality, design principles, case studies, advanced topics including social issues, groupware, adaptive interfaces, co-design of hardware & computer interfaces. Available for Year 4 students only.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Special Topics in Design Computing 7A	Specialist lectures/projects on topical issues in design computing to be given by visiting lecturers or staff members nominated by Head of School. For details and availability contact enquiries@itee.uq.edu.au.	Postgraduate Coursework	Summer Semester,	Info Tech & Elec Engineering	1		

Design Thinking	This course introduces students to the design process, working through the discovery, interpretation, ideation, experimentation and evolution of design solutions. Through short collaborative design projects, students develop essential design skills of seeing, imagining and communicating in order to generate, iterate, evolve and communicate design concepts. Subjects such as design processes, thinking methods, brainstorming & idea generation, user focussed thinking and aesthetics are covered during the course.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Introduction to Web Design	This course introduces the student to design and development practices for multimedia content, focusing particularly on web sites. Modern design practices for the web are taught, framed by an introduction to human-centred design techniques, particularly heuristic based interface design guidelines for web interfaces and web accessibility from a global perspective. Today's web sites need to be both well designed and dynamic, thus the course also introduces some basic scripting techniques for going beyond static content. The focus of learning is activity based and incorporates both individual and team based exercises.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Design Computing Studio 1 - Interactive Technology	This course introduces students to the Design Computing Studio stream. Students work in multidisciplinary teams to design, iterate & implement design computing projects. Students will move from concept and proposal through to the design and technical resolution of proposed designs. The projects will also enable students to develop important skills such as problem solving, reflection in action, communication and presentation.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Graphic Design	Design practice in light of background of shifting production languages, convergent technologies & professional design contexts. Fundamental graphic applications for print technologies & principles of print, page anatomy & construction, design production literacies & requirements for application to screen design. Role of process in design & roles & responsibilities inherent in design production processes.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		

Digital Prototyping	This course introduces students to a range of digital prototyping techniques for generating proof-of-concept solutions for design computing projects. Students will design and rapidly prototype interactive solutions, following up with critique and reflection on the success and/or failure of artefacts presented.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Human-Computer Interaction	Models & methods of interaction, practical use of interface development systems, user considerations, visual presentation, design principles, interface design methods, implementation issues, evaluation. Societal considerations, groupware, multimedia, media perspectives.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Design Computing Studio 2 - Testing & Evaluation	Interdisciplinary teams of students undertake studio-based programming projects covering a broad understanding of software verification & validation; configuration management; project management and team work; software & project design process & documentation.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Social & Mobile Computing	Topics in social computing - groupware, social software, computer supported cooperative work. Considerations in the design of mobile and ubiquitous computing systems: mobility research; distributed user research; multi-player environments; tangible, physical and wearable computing.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Design Computing Studio 3 - Proposal	A studio-based course in which interdisciplinary teams of students develop a proposal for a significant software-based system. The course aims to consolidate and expand on students? previous experience with designing information systems, user interfaces, and computer software and systems. Subjects such as requirements elicitation, business cases, design specifications, and identifying and dealing with professional and ethical issues associated with software projects and products are covered during the course.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Design Computing Studio 3 - Build	A studio-based course in which interdisciplinary teams of students build a significant software-based system according to client requirements and project deadlines. The course aims to consolidate and expand on students? previous experience with implementing information systems, user interfaces, and computer software and systems. Subjects such as project planning, risk management and software quality assurance are covered during the course.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		

Physical Computing & Interaction Design Studio	This course introduces students to the interaction design challenges of building physical computing environments. Physical computing tehnology mediates people's embodied interactions in order to gather input and present output through a combination of various sensor and display technologies. Following a studio process, students engage in collaborative design activities to understand a problem space; explore alternative solutions, leading to a cogent technology proposal; and deliver an interactive proof of concept prototype tool or environment combining appropriate digital and physical components.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Advanced Human-Computer Interaction	Design languages & methods applied to user interface design. Hands-on studio-based design experience. Task analysis, advanced interfaces, specifying & designing functionality, design principles, case studies. Advanced topics including social issues, groupware, adaptive interfaces, co-design of hardware & computer interfaces.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Masters Thesis	A research-based thesis course that offers students the opportunity to work on a comprehensive, individual project that demonstrates mastery of interaction design and/or design computing. Topic to be agreed in consultation with a supervisor. The project will be of suitable complexity for results to be published for an expert audience. Students wishing to complete thesis in a single semester enrol in DECO7860, but only after seeking academic advice. Students commencing in semester 1 enrol in DECO7861 for Sem 1 (Part A) and Sem 2 (Part B); students commencing in semester 2 enrol in DECO7862 for Sem 2 (Part A) and Sem 1 (Part B) of the following year.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		

Masters Thesis	A research-based thesis course that offers students the opportunity to work on a comprehensive, individual project that demonstrates mastery of interaction design and/or design computing. Topic to be agreed in consultation with a supervisor. The project will be of suitable complexity for results to be published for an expert audience. Students commencing in semester 1 enrol in DECO7861 for Sem 1 (Part A) and Sem 2 (Part B); students commencing in semester 2 enrol in DECO7862 for Sem 2 (Part A) and Sem 1 (Part B) of the following year. Students wishing to complete thesis in a single semester enrol in DECO7860, but only after seeking academic advice.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		
Masters Thesis	A research-based thesis course that offers students the opportunity to work on a comprehensive, individual project that demonstrates mastery of interaction design and/or design computing. Topic to be agreed in consultation with a supervisor. The project will be of suitable complexity for results to be published for an expert audience. Students commencing in semester 1 enrol in DECO7861 for Sem 1 (Part A) and Sem 2 (Part B); students commencing in semester 2 enrol in DECO7862 for Sem 2 (Part A) and Sem 1 (Part B) of the following year. Students wishing to complete thesis in a single semester enrol in DECO7860, but only after seeking academic advice.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	2		
Dental Science I	This course will introduce students to the study of clinically focussed sciences using a case-based learning approach that will be supported by a combination of competency building activities such as lectures, seminars, case-based discussions and workshops. Students will apply their knowledge of basic and clinical sciences to gain an appreciation of the scientific processes underpinning dental practice and the maintenance of oral health. Students will be introduced to common dental and oral diseases.	Undergraduate	Semester 1, 2018	Dentistry School	1		

Dental Practice I	This course will introduce the student to the dental clinic. It will emphasise preventive dental practice for the healthy mouth. Students will become comfortable with patient communication and procedures required to perform an examination in peer clinics. Simulation laboratories will enable the student to develop the required competencies prior to performing any procedures in the clinical setting.	Undergraduate	Semester 1, 2018	Dentistry School	2		
Dental Science II	This course will build on the foundations of the Dental Science I course (structure and function of the healthy mouth) and introduce the student to minimal intervention dentistry. An in depth understanding of the sciences underpinning these concepts is the outcome of this course: the epidemiology, aetiology, pathology and prevention of the oral conditions dental caries, periodontal disease, and non carious tooth loss; science of dental materials; diet and nutrition; behavioural sciences, including communication and oral health education.	Undergraduate	Semester 1, 2018	Dentistry School	2		
Immunology & Microbiology for Dentistry	A comprehensive understanding of infectious agents and the host response to them is central to the safe practice of Dentistry. This course identifies relevant core concepts in Microbiology and Immunology, and will introduce the student to the characteristics and behaviour of infectious agents, and the functioning of the human immune system. Specifically, it will describe the essential elements of innate and adaptive immunity, their relationship to each other, and their responses to challenges with common pathogens. Topics will focus on infections (oral and non-oral) important in the practice of dentistry. Although a theoretical underpinning will be necessary for a full grasp of the topic, the emphasis will be on human studies and human disease, rather than the scientific experiments and discoveries that validate particular principles. The course aims to provide a firm foundation for the progressive development of the clinical aspects of both disciplines as students progress into third year.	Undergraduate	Semester 1, 2018	Dentistry School	1		

Dental Practice II	This course will build on the foundations of the Dental Practice I course (examination of the healthy mouth) and introduce the student to the practice of minimal intervention dentistry. The course will use simulated learning environments including pre-clinical laboratories to provide students with the opportunity to attain competency in the clinical skills required to provide preventive dental care and simple dental restorations. Students will also develop their clinical skills in a clinical environment and will begin seeing patients in the second semester. The focus is the dental management of healthy adults. Each week, students will have 6 hours of pre-clinical laboratories and 3 hours of clinical work.	Undergraduate	Semester 1, 2018	Dentistry School	2		
Head & Neck Anatomy for Dentistry	This course provides an in depth knowledge of head & neck anatomy as it relates to general dental practice. Structures will be examined from a range of perspectives (gross, microscopic and imaging) to ensure a detailed, integrated and clinically relevant course.	Undergraduate	Semester 2, 2018	Dentistry School	1		
Population Oral Health and Professional Practice I	This course provides a foundation in dental public health and professionalism in the practice of dentistry. Topics include oral health promotion, the Australian oral health system, equity and access to care for various groups in the population. Additionally, the course explores principles of behaviour management in clinical care. Professional matters such as ethics, governance and regulation of dental practice in Australia will also be covered. The competency building activities of this course will provide students with learning through the design and production of oral health promotion materials, workshops and a series of case-based virtual patients.	Undergraduate	Semester 1, 2018	Dentistry School	1		
Research Informed Practice I	This course provides a foundation in the concepts of oral epidemiology, research methods and research practice, particularly those relevant to dental public health. The competency building activities of this course provide students with experiential learning through the review of published research, occasional workshops and a series of case-based virtual patients.	Undergraduate	Semester 2, 2018	Dentistry School	1		

Dental Practice IIIA	This course builds on the foundations provided by Dental Practice I and II through experience in general dental practice. Emphasis is on the delivery of oral care for healthy adults through preventive oral, simple periodontal, simple restorative care. Students will consolidate skills and attain competence in general oral examination, recognition and diagnosis of common dental and oral conditions, and care planning for simple general dental needs. Students will provide preventive oral health care, simple periodontal care, intra-coronal restorations, radiographic interpretation, dental analgesia and simple surgical extractions for patients in the Oral Health Centre. Each week students will undertake 6 hours of direct patient care and approximately 6 hours of competency building activities such as lectures, case-based discussions, workshops and preclinical simulation exercises. This course assumes approximately 3 hours of self-directed learning each week.	Undergraduate	Semester 1, 2018	Dentistry School	1		
Dental Practice IIIB	Through further experience in general dental practice this course develops the skills, knowledge and understanding acquired Dental Practice I, II and III A. Emphasis remains on the delivery of oral care for adults through preventive oral, simple periodontal and simple restorative care but with integration of removable prosthetics. Students will consolidate skills and attain competence in general oral examination, recognition and diagnosis of common dental and oral conditions, comprehensive oral care planning for simple general dental needs. Students will provide preventive oral health care, periodontal care, intra-coronal restorations and dental analgesia as well as removable prostheses for patients with simple prosthetic needs and simple root canal therapy. Each week students will undertake 6 hours of direct patient care and 3 hours of competency building activities such as lectures, seminars, case-based discussions and workshops. This course assumes approximately 3 hours of self-directed learning each week.	Undergraduate	Semester 2, 2018	Dentistry School	1		

Dental Disciplines A	This course introduces students to a range of specialist dental disciplines expanding their breadth of their clinical knowledge, skills and understanding beyond those needed for the delivery of basic general dental care. Students will acquire skills and attain competence in history taking, assessment, recognition, diagnosis, care planning and aspects of management for conditions commonly managed within the dental specialties including prosthodontics, endodontics, and orthodontics. Each week students will undertake approximately 3 hours of clinical patient care including provision of care, dental assisting and observations, and 9 hours of competency building activities such as lectures, seminars, problem-based learning, workshops, self-directed activities and pre-clinical simulation exercises. This course assumes approximately 3 hours of self-directed learning each week.	Undergraduate	Semester 1, 2018	Dentistry School	1		
Dental Disciplines B	This course continues a student's exposure to the specialist dental disciplines. Students will consolidate skills and competence in history taking, assessment, recognition, diagnosis, care planning and aspects of management for conditions commonly managed within the dental specialties including prosthodontics, endodontics, dentomaxillofacial radiology, oral medicine, oral surgery and orthodontics. Students will begin to acquire knowledge and an appreciation of aspects of children?s dentistry and special needs dentistry. To support their understanding and clinical skills in these areas students will explore aspects of human and oral diseases, general medicine and surgery, analgesia and anesthesia, dental pharmacology and therapeutics, the human life cycle, growth and development, disability and medical compromise. Each week students will undertake approximately 6 hours of clinical patient care including provision of care, dental assisting and observations and 9 hours of competency building activities such as lectures, seminars, problem-based learning, workshops, self-directed activities and pre-clinical simulation exercises. This course assumes approximately 3 hours of self-directed learning each week.	Undergraduate	Semester 2, 2018	Dentistry School	1		

Population Oral Health and Professional Practice II	This course provides a foundation in dental public health and professionalism in the practice of dentistry. The course explores principles of behaviour management in clinical care. Professional matters such as ethics, governance and regulation of dental practice in Australia will also be covered. The competency building activities of this course will provide students with learning through workshops and a series of case-based virtual patients.	Undergraduate	Semester 1, 2018	Dentistry School	1		
Research Informed Practice II	This course provides students with a foundation for and experience in preparing a research proposal in their self-selected area of interest, with the support of an appointed supervisor(s), with a focus on evidence-based practice. The competency building activities of this course provide students with experiential learning through the development and preparation of a proposal for their chosen research project and workshops.	Undergraduate	Semester 2, 2018	Dentistry School	1		
Dental Practice IVA	This course builds on the knowledge, skills and understanding developed and consolidated during Dental Practice III A and III B through the provision of comprehensive care for adult patients with increasingly complex needs. While maintaining competencies previously achieved, students will acquire and consolidate new skills in assessment, recognition and diagnosis of dental and oral conditions, comprehensive oral care planning including referrals, preventive oral health care, periodontal care, intra-coronal restorations and dental analgesia for patients with moderately complex general dental needs. Each week students will undertake 6 hours of direct patient care and 6 hours of competency building activities such as lectures, case-based discussions and workshops. This course assumes approximately 3 hours of self-directed learning each week.	Undergraduate	Semester 1, 2018	Dentistry School	1		

Dental Practice IVB	This course builds on the knowledge, skills and understanding developed during Dental Practice III A, III B and IV A through the provision of comprehensive oral care for adult patients with increasingly complex needs. While maintaining competencies previously achieved students will acquire and consolidate new skills in assessment, recognition and diagnosis of a broad range of dental and oral conditions, comprehensive oral care planning including referrals, preventive oral health care, periodontal care, intra-coronal restorations, endodontics and dental analgesia for patients with moderately complex general dental needs. Fixed and removable prostheses may also be provided within a comprehensive course of care. Each week students will undertake 6 hours of direct patient care and 3 hours of competency building activities such as lectures, case-based discussions and workshops. This course assumes approximately 3 hours of self-directed learning each week.	Undergraduate	Semester 2, 2018	Dentistry School	1		
Advanced Dental Disciplines A	This course builds on student experience in general dental practice and the specialist dental disciplines. Students will develop their skills and competence in history taking, assessment, recognition, diagnosis, care planning and aspects of management for conditions commonly managed within the dental specialties including prosthodontics, endodontics, and orthodontics. Students will begin to acquire clinical skills and competence in multi-disciplinary care of adults with moderately complex needs. Each week students will undertake approximately 7-9 hours of clinical patient care including provision of care, dental assisting, observations and lab work, and 6 hours of competency building activities such as lectures, seminars, problem-based learning, workshops, self-directed activities, pre-clinical simulation exercises and lab work. This course assumes approximately 3 hours of self-directed learning each week.	Undergraduate	Semester 1, 2018	Dentistry School	1		

Advanced Dental Disciplines B	This course builds on student experience in general dental practice and the specialist dental disciplines. Students will continue to develop their skills and competence in history taking, assessment, recognition, diagnosis, treatment planning and aspects of management for conditions managed within the dental specialties including prosthodontics, endodontics, dentomaxillofacial radiology, oral medicine, oral surgery and orthodontics. Students will develop their clinical skills and competence in multi-disciplinary care of adults with moderately complex needs and the care of children, and gain some experience with special needs patients. To support their understanding and clinical skills students will further explore aspects of human and oral diseases, dental pharmacology and therapeutics, disability and medical compromise. Each week students will undertake approximately 9 hours of clinical patient care including provision of care, dental assisting and observations and 9 hours of competency building activities such as lectures, seminars, problem-based learning, workshops, self-directed activities and pre-clinical simulation exercises. This course assumes approximately 3 hours of self-directed learning each week.	Undergraduate	Semester 2, 2018	Dentistry School	1		
Research Informed Practice III	This course provide students with experiential learning in research through the conduct of a chosen research project and occasional workshops.	Undergraduate	Semester 1, 2018	Dentistry School	2		
Dental Practice V A	Development of professional clinical skills in the general dental practice environment of clinics such as the regional government dental clinics, Community Controlled Health Services and Oral Health Centre clinics. Students will be rotated through several clinics & will be expected to provide comprehensive oral health care to allocated patients. Each week, students will typically have 21hr of clinical work and 3hr of observation/assisting. Hours and arrangements will vary according to external placement operations. This course operates over an extended semester in order to provide 18 weeks of clinical practice.	Undergraduate	Semester 1, 2018	Dentistry School	1		

Dental Practice V B	Development of professional clinical skills in the general dental practice environment of clinics such as the regional government dental clinics, Community Controlled Health Services and Oral Health Centre clinics. Students will be rotated through several clinics & will be expected to provide comprehensive oral health care to allocated patients. Each week, students will typically have 21hr of clinical work and 3hr of observation/assisting. Hours and arrangements will vary according to external placement operations. This course operates over an extended semester in order to provide 22 weeks of clinical practice.	Undergraduate	Semester 2, 2018	Dentistry School	1		
Clinical Sciences I	Introduces those areas of science & related disciplines intrinsic in the development of a platform of knowledge to support clinical specialty programs. Common core & cross-discipline requirement for all specialty programs.	Postgraduate Coursework	Semester 1, 2018	Dentistry School	1		
Clinical Sciences II	Continues directly from DENT7911 & pursues those areas of science & related disciplines required to support clinical specialty programs. Common core & cross-discipline requirement for all specialty programs.	Postgraduate Coursework	Semester 2, 2018	Dentistry School	1		
Advanced Clinical Practice IA	This course is the first of six major discipline-specific courses that constitute the bulk of the coursework component of the specialty training program in the DClinDent. The suite of courses contains all of the materials required for the clinical component of the progam. The course content will vary depending upon the discipline the candidate is studying.	Postgraduate Coursework	Semester 1, 2018	Dentistry School	1		
Advanced Clinical Practice IB	This course is the second of the discipline-specific clinical courses for DClinDent students & continues on from DENT8010. The objectives are to progressively build competence & confidence at first year level in specialty clinical practice & knowledge.	Postgraduate Coursework	Semester 2, 2018	Dentistry School	1		
Advanced Clinical Practice IIA	This course is the third of the discipline-specific clinical courses for DClinDent students. The objectives are to progressively build competence & confidence at second year level in specialty clinical practice & knowledge.	Postgraduate Coursework	Semester 1, 2018	Dentistry School	1		

Advanced Clinical Practice IIB	This course is the fourth of the discipline-specific clinical courses for DClinDent students and continues on from DENT8030. The objectives are to progressively build competence & confidence at second year level in specialty clinical practice & knowledge.	Postgraduate Coursework	Semester 2, 2018	Dentistry School	1		
Advanced Clinical Practice IIIA	This course is the fifth of the discipline-specific clinical courses for DClinDent students. The objectives are to progressively build competence & confidence at final year level in specialty clinical practice & knowledge, which will enable independent practice as a discipline specialist.	Postgraduate Coursework	Semester 1, 2018	Dentistry School	1		
Advanced Clinical Practice IIIB	This course is the sixth of the discipline-specific clinical courses for DClinDent students & continues on from DENT8050. The objectives are to progressively build competence & confidence at final year level in specialty clinical practice & knowledge, which will enable independent practice as a discipline specialist.	Postgraduate Coursework	Semester 2, 2018	Dentistry School	1		
Research Project	Formal research training including biostatistics, epidemiology & other elements as needed for individual disciplines & projects. Research project & report to be completed for examination & subsequent submission to refereed journal. Students undertake the course over 4 semesters & enrol in #4 for semesters 3, 4, 5 & 6 (Years 2 & 3).	Postgraduate Coursework	Semester 2, 2018	Dentistry School	2		

Research Completion & Report	To be conversant with the contemporary research and clinical literature within the chosen discipline, students will require an understanding of scientific methodology and the ability to critically analyse published research and where appropriate, transfer this to the clinical situation. Part of this training is the preparation and conduct of an approved research project within the chosen DClinDent discipline. Students should be capable of devising a small research project and bringing it through the development stages including ethics approval by an institutional ethics committee where required. The project is usually a part of an ongoing research theme within the School and should be devised and conducted in close association with the research supervisor/s within the same discipline. Accredited postgraduate training programs in Australia and New Zealand have the requirement for an integrated one year full-time equivalent research training within the chosen discipline. This is regulated by the Australian Dental Council and subsequently becomes a part of the requirements for registration as a specialist following graduation. The aims of DENT8072 are to: - Complete a research project within the chosen discipline for examination. - Prepare a research paper for submission to a peer-reviewed journal. Students will collect the majority of data for the project, conduct data analyses and report on the main outcomes. They will finalise data collection and analyses and complete a draft of the research report and prepare a research paper for submission to a peer-reviewed journal. Students will complete and submit the finalised research report and complete corrections to the satisfaction of nominated examiners.	Postgraduate Coursework	Semester 1, 2018	Dentistry School	2		

Developmental Neurobiology	This course addresses basic principles of brain development critical for understanding brain function in modern medicine. Fundamental mechanisms such as neural specification, neural stem cell biology, neurogenesis, gliogenesis, neural migration, axon growth and guidance, synaptogenesis, plasticity, and cell death, are discussed in relation to contemporary issues such as the zeki virus, autism, genetic diseases, cancer, plasticity and regeneration. This course is an essential part of any student's toolkit for understanding brain function in health and disease.	Undergraduate	Semester 2, 2018	Biological Sciences School	2		
Stem Cells and Regenerative Medicine	Leading expert scientists in biomedicine discuss the foundational principles, state-of-the-art technologies and medical applications in the burgeoning fields of stem cell biology and regenerative medicine. This course is relevant for students progressing into future careers in science and medicine.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Medical Nutrition Therapy 1	Medical Nutrition Therapy is one of the three domains of dietetics. This course provides foundation studies in MNT which supports the professional practice. It commences with the nutrition care process, nutrition screening and assessment and the management of accutely ill patients. The course builds on a strong background in biochemistry, physiology and nutrition science, applying therapies to assist those with a variety of acute conditions.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Professional Practice in Medical Nutrition Therapy 1	Professional practice is compulsory in dietetics. This course introduces students to the practice of the nutrition management of individuals in acute and ambulatory care settings. Students spend the equivalent of 25 days in placement across the semester, developing competence in the nutrition care process, screening and assessment and the nutrition management of the acute and chronically ill person.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		

Interviewing & Counselling for Dietetics Practice	This course introduces students to the concepts of dietary intake assessment, inteviewing and counselling of individual clients in the clinical context as well as principles of nutrition education for groups and underpins all of the professional practice courses that are undertaken. Students will develop a ready reckoner for use in practice, as well as become familiar with other tools. Strategies to encourage behaviour change as part of the counselling process will be covered. This course is supported by DIET7102 where students will be able to practice the knowledge and skills covered.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Applied Food Sciences for Dietetics	This course covers the use and preparation of menu items suitable for clients requiring dietary modifications. Students will be expected to gain an in-depth understanding of foods available, prepare and evaluate meals suitable for people with special dietary needs. Students will be expected to be able to transfer the knowledge and skills gained into the future, so that while not all clinical topics will be covered, the principles will be pertinent and relevant.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Medical Nutrition Therapy 2	Medical Nutrition Therapy 2 builds on Medical Nutrition Therapy 1, focusing on complex acute care and the management of chronic diseases. It uses a case base approach to explore management options. Students will demonstrate knowledge sufficient to ensure safe practice in this domain.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Professional Practice in Medical Nutrition Therapy 2	This course allows students to develop skill in professional practice in medical nutrition therapy. It follows from Professional Practice in Medical Nutrition Therapy 1, but increases its focus on complex cases, chronic disease management and more specialised areas within dietetics. Students will continue in placement throughout the semester, finally leading to the management of a full case load. The course will lead to the student being assessed for competence to practice as a Dietitian within the domain of nutrition care for individuals.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Food and Nutrition Service Management	Dietetics practitioners require management skills in order to practice effectively and to contribute to the delivery of food and nutrition services. In addition, many practitioners take on sole positions which usually include management roles, or wish to enter business for themselves. This course introduces issues associated with the management of food and nutrition services to a safe practice level and key skills and concept necessary to run a successful business such as private practice. It uses a systems approach. Topics include planning, quality and safety, leadership, marketing, entrepreneurship, finance, clinical governance and human resource management. These concepts will be applied to nutrition services in a general sense as well as application to business. They will also be applied to food service provision in healthcare and other settings where clients are dependent on the food service for their nutrition. This course provides the theoretical underpinnings for professional practice and assesses elements of the entry level competencies for dietetics.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Professional Practice in Nutrition and Dietetics 3	This course allows students to undertake 20 days of professional practice that includes planning, implementing and evaluating food service and community nutrition programs and to demonstrate effective and appropriate skills in communicating information to various stakeholders. It requires practice that applies knowledge and skills acquired both prior to entry to the Master of Dietetic Studies and covered in semester 1 courses and it will demonstrate a number of the entrustable professional activities which contribute to the national competency standards for practice as a dietitian-nutritionist in Australia. A work integrated, service learning model is used for this course.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Evidence Based Practice in Dietetics	Evidence based practice is fundamental to the dietetics professional. This course draws together both theory and practice. Students will use a team-based approach to systematically evaluate the level of evidence that address a problem facing dietetics practitioners in practice. They will develop solutions based on evidence including the practicality and the soundness of the financial and management risk elements of the solution.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Research Project	Dietetics professionals are required to undertake a research project in an area of interest in nutrition and dietetics. This course allows students to undertake a small research project under the direction of a professional mentor and supervisor. This course allows students to demonstrate the national competency standards for safe entry level practice.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Professional Practice in Nutrition and Dietetics 4	Dietetics professionals are required to undertake a minimum of 100 days of professional practice. This course provides 20 of these days and is a capstone practice course in the Master of Dietetics studies. This course allows students to undertake practice that applies nutrition and dietetics skills to programs and products in a variety of contexts to a level that meets national competency standards. A service learning model is used for this course.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Professional Practice in Nutrition and Dietetics 5	This course allows students to complete 20 days of placement in an area of practice that they wish to study in more depth, and extends the student beyond what is normally considered entry level. Topics that can be selected are those emerging as new areas of practice or are of increasing significance and include: dietetic practice and mental health, private practice, rural health and paediatric dietetics.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Elements of Performance	DRAM1010 aims to investigate how a dramatic text can be adapted in performance to respond to different contexts. DRAM1010 focuses on six main elements of performance: genre, language, body, space, time, and structure. Six texts are studied in detail, from these perspectives. The course culminates in a performance outcome, under the leadership of student directors. DRAM1010 is the compulsory gateway course for the Drama major.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		

The Theatre Experience	DRAM1100 introduces students to the study of drama and performance, exploring both written and live texts. It examines theatre's special capacity to attract live audiences on the basis of its special effects and story-telling modes. We ask what attracted people to attend theatre across time, and what remains distinctive about the theatre experience today. Students learn about contemporary and historical performance from the perspective of reading, analysing, and performing play texts. Students will learn performance techniques in class, since tutorials include practical work, but we do not specifically teach or assess acting skills.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Experimentation in 20th Century Theatre	Explores a range of technologies, ideologies, politics and possibilities in theatre as well as a range of key figures encompassing playwrights, designers, directors, visual artists and dramaturgs, who have redefined audiences' understanding of theatre and performance and its influence on subsequent theatre and performance-makers across the 20th century.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Contemporary Theatre & Performance	This course uses a series of important "posts" (including post-modern, post-colonial, post-dramatic, post-human, post-feminist, and post-capitalist modules) as a framework to explore contemporary performance texts and forms. Students will study some of the most interesting plays and performance texts of the last two decades in order to begin thinking about the question: if we really are post-everything, then what exactly is the state of current national and international theatre?	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Australian Drama	This course examines the long tradition of Australian drama from early convict theatre, through nineteenth century melodrama, and across the bush drama, New Wave, Aboriginal drama and 'Internationalist' schools of the twentieth century to the present day. Questions the course asks include 'How is national identity reflected in the theatre Australia produces?', or even more importantly, 'How is national identity shaped by the work of theatre-makers across time?'	Undergraduate	Semester 1, 2018	Communication & Arts School	1		

Live Theatre Production: Performance Creation & Event Management	Practical exploration through rehearsal & performance of stylistic, theoretical and historical questions.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Performative Communication: Presentation and Public Speaking	This course will develop your public presentation and performance skills. Taught in a workshop environment, it will provide essential training in physical and vocal communication, argument structure, and pitching to an audience.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Playwriting & Dramaturgy: Creative Practice	Ever wanted to write a hit 10-minute play and never thought you could? This might be the course for you. The first half of the semester will see students develop a thorough understanding of the various roles dramaturgs can have in the development of new work. In the second half, students will be responsible for writing their own original short work for the stage; they will also be assigned to a fellow student's play as dramaturg.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Theatre Historiography: Making the Connections	Compulsory Third Year Course (Capstone). This course examines theatre's engagement with themes of violence and conflict, and theatre's subsequent potential to affect its audiences viscerally. Moving backwards and forwards across theatre history, we trace our way though some of the most intriguing plays in the canon, touching on Greek theatre, Renaissance theatre, the nineteenth-century gothic, sensational melodramas, and contemporary iterations of murder, mayhem, and madness on stage, making the connections between certain tropes and approaches that have reoccurred or changed over time. Students will read accompanying critical theory and will have the opportunity to develop their own individual research projects. This course aims to deepen students' understanding of theatre history and historiography, while consolidating their research skills.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		

Independent Practice: Secondments, Field Trips, Research	This course focuses on Secondments in Industry or an Individual Research Project. For the Secondments you may have the opportunity to work with Queensland Theatre Company's Traction team, Metro Arts, the Brisbane Writers' Festival, or the Queensland Music Festival. Some students choose to pursue apprenticeships with Playlab, Queensland's leading script publisher and agency for the development of new work for the stage. In rarer instances, and by arrangement with individual companies based on students' areas of prior experience and expertise, the scheme can sometimes include secondments as assistants in administration, technical production, stage design, stage management, and marketing. Our company-in-residence, the Queensland Shakespeare Ensemble, provides excellent experience in these areas. Consideration for acceptance is on a case by case basis as the program is competitive. For the Individual Research Project you will develop an extended 4,000 word research essay on a topic of the student's own choosing. This will be through consultation with the Course Coordinator. The Internship application form is available here. The Independent Research Project application form is available here.	Undergraduate	Semester 1, 2018	Communication & Arts School	2		

Directing & Dramaturgy: From History to Workshop	Shifting from theory to practice, this seminar course introduces students to the evolution of contemporary directing and dramaturgy (figure and field). Structured in three modules, the course shifts from the study of the historical evolution of directing and dramaturgy and then moves to consideration of contemporary practice augmented by practical skills development. In the final third of the course, you will direct a short play or scene from a play for public performance.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Performative Communication: Presentation and Public Speaking	This course will develop your public presentation and performance skills. Taught in a workshop environment, it will provide essential training in physical and vocal communication, argument structure, and pitching to an audience.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	1		
Echocardiography: Advanced Clinical Applications	Students will further develop their skills for assessing cardiac pathology. Diseases affecting the muscle and pericardium will be encountered along with common congenital anomalies. Detailed assessment including the diagnosis and lesion localisation in the setting of myocardial infarction will be covered along with echocardiographic features of associated complications. Advanced cardiac imaging techniques will be introduced including 3D, strain and stress imaging.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		
Echocardiography: Care of the critically ill	This course will build upon the general echocardiographic skills acquired previously and will direct the student to apply these specifically in their assessment of the critically ill patient. Cardiorespiratory interactions and mechanical ventilation will be considered along with performing haemodynamic measurements and the assessment of volume status. Scenarios commonly encountered while caring for the critically ill will be considered in detail such as the assessment of a patient with hypotension or hypoxaemia. The assessment of commonly encountered cardiac devices will be covered. The use of extracardiac ultrasound will be explored including its use to facilitate vascular access. The general issues involved in providing an echocardiology service will be explored including quality assurance.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		

Introductory Microeconomics	Provides students with a practical understanding of the core economic principles that explain why individuals, companies and governments make the decisions they do, and how their decision-making might be improved to make best use of available resources.	Undergraduate	Semester 1, 2018	Economics School	3		
Introductory Macroeconomics	Examines functioning of the economy & its interaction with international economy. Studies GDP, unemployment & inflation, interest rates, investment, government expenditure, taxation policies & balance of payments. Alternative macroeconomic theories & models examined.	Undergraduate	Semester 1, 2018	Economics School	3		
Tools of Economic Analysis	This course provides essential mathematical tools for studying Economics. It includes functions of one variable, differentiation, integrals, optimisation, and matrix algebra.	Undergraduate	Semester 1, 2018	Economics School	2		
Australian Economic Institutions	Contemporary Australian economy & economic institutions & their evolution in the recent past.	Undergraduate	Semester 2, 2018	Economics School	1		
The Economics of Social Issues	Introductory economic concepts: nature of the market system; alternative measures of living standards; role & size of government sector. Specific topics may vary from year to year & may include: education, health, income distribution & social security, migration, crime & political instability, ethics, ageing, the environment, discrimination.	Undergraduate	Semester 2, 2018	Economics School	1		
Quantitative Economic & Business Analysis A	Basic statistical concepts & techniques such as descriptive statistics, probability concepts, theoretical distributions, inferential statistics (confidence intervals & hypothesis testing) are applied in business & economics.	Undergraduate	Semester 1, 2018	Economics School	3		
Quantitative Economic & Business Analysis B	Deals with basic statistical models and methods used in business and economics. Topics may include multiple regression analysis, time series analysis, survey sampling, index numbers and decision theory. Problems & exercises are solved manually & using Microsoft Excel.	Undergraduate	Semester 2, 2018	Economics School	1		
Microeconomic Theory	Draws on models developed in Introductory Microeconomics. Partial & general equilibrium analysis, demand, production & cost theory. Various theories of the firm examined.	Undergraduate	Semester 1, 2018	Economics School	2		

Principles of Microeconomics	Provides students with tools of microeconomic analysis. These tools are developed from an introductory to an intermediate level using models of perfect and imperfect competition with emphasis on benefits, costs, optimization and welfare.	Undergraduate	Semester 1, 2018	Economics School	1		
Macroeconomic Theory	Principles of macroeconomic theory. Determinants of national expenditure, income & employment in closed & open economies. Role of monetary & fiscal policy, factors influencing interest rates, causes of inflation & unemployment.	Undergraduate	Semester 1, 2018	Economics School	1		
Principles of Macroeconomics	Provides students with tools of macroeconomic analysis. These tools are developed from an introductory to an intermediate level and covers determinants of national expenditure, income & employment in closed & open economies, role of monetary & fiscal policy, factors influencing interest rates, and causes of inflation & unemployment.	Undergraduate	Semester 1, 2018	Economics School	1		
Microeconomic Policy	Extends microeconomic theory and demonstrates application to microeconomic policy issues; welfare economics, trade practices legislation, tariff policy and public enterprises.	Undergraduate	Semester 2, 2018	Economics School	1		
Macroeconomic Policy	Theory and practice of fiscal and monetary policy over the short/medium term. Conventional and unconventional monetary policy. Business cycles and stabilization policy. Exchange rate regimes. Labour markets and unemployment. Microfounded macroeconomic models. Macroecomic data analysis.	Undergraduate	Semester 2, 2018	Economics School	1		
Mathematical Economics	This course begins extending elementary calculus concepts from ECON1050 to the analysis of functions of several variables. Then it covers convex multivariate optimisation. This is followed by further analysis on constrained optimisation. Finally, it provides essential elements of dynamic optimisation in discrete time. Applications include consumer problems, cost minimisation, and dynamic programming for dynamic economies.	Undergraduate	Semester 2, 2018	Economics School	1		

Behavioural and Evolutionary Economics	Examines approaches to economics of consumers and firms based upon applications of psychology and studies of actual behaviour in complex, uncertain and rapidly changing environments. Examines the policy implications of these contributions and includes coverage of recent work on the economics of happiness. The significance of behavioural economics was acknowledged by Nobel Prizes awarded to Herbert Simon (1978) and Daniel Kahneman (2002) and it has become widely taught in the past decade. The unit will be taught in a way that aims to develop critical thinking skills rather than focusing on mathematical techniques.	Undergraduate	Semester 1, 2018	Economics School	1		
Introduction to Strategic Thinking	The way that economists think about strategic situations is through the application of game theory. One aim of the course is to teach you some strategic considerations to take into account when making your own choices. A second aim is to predict how other people or organizations behave when they are in strategic settings. We will see that these aims are closely related. We will learn new concepts, methods and terminology. A third aim is to apply these tools to settings from economics and other disciplines. The course will emphasize examples. We will also play several games in class.	Undergraduate	Semester 1, 2018	Economics School	2		
Management of Financial Institutions	Analyses economics of modern banking theory & financial institutions management. Describes various types of financial institutions & examines means of managing their operations.	Undergraduate	Semester 2, 2018	Economics School	2		
Introductory Econometrics	Introductory applied econometric course for students with basic economic statistics background. Topics covered include: economic models & role of econometrics, linear regression, general linear model, hypothesis testing, specification testing, dummy variables, models with endogenous regressors, panel data models, simple dynamic models and simple cointegration models. Practical problems are solved using EViews or equivalent econometrics program.	Undergraduate	Semester 1, 2018	Economics School	2		

Business & Economic Decision Techniques	Provides a working understanding of some of the principal techniques used in business decision making. Topics include linear programming, transportation & assignment models, project scheduling & control, inventory models, & decision theory & games. These techniques can be used to solve problems in areas as diverse as product mixing & blending, firm efficiency & benchmarking, project management, & multi-period financial planning. Problems & exercises are solved using Microsoft Excel or a simple menu-drive software package.	Undergraduate	Semester 2, 2018	Economics School	1		
Economics of Business Strategy	Economics of the growth strategies of modern corporations, including vertical integration, diversification and multinational enterprise. Economic underpinnings of marketing management, including economics of retailing and Internet businesses.	Undergraduate	Semester 1, 2018	Economics School	1		
The Macroeconomy & Business Conditions	Analysis of the macroeconomy as a complex system. How macroeconomic factors & domestic macroeconomic policies affect the business conditions faced by large & small firms. Introduction to macroeconomic modelling, forecasting & scenario planning.	Undergraduate	Semester 2, 2018	Economics School	1		
Health Economics	Descriptive & theoretical aspects of health & medical services; demand & supply for health insurance, hospitals, etc; equity v. efficiency in services; health financing & health systems; evaluation techniques.	Undergraduate	Semester 2, 2018	Economics School	1		
China: Emergence, Implications & Challenges	After a long period of relative decline, China's economy is once again on the ascendency. China has already taken over from Japan as the engine of growth in an increasingly prosperous East Asian region. China's economic emergence has far-reaching implications and presents immense challenges both within China and abroad. By covering the nature of China's emergence and the consequent implications and challenges, this course provides students with a thorough understanding of China's contemporary economy.	Undergraduate	Semester 1, 2018	Economics School	1		
Economics of Innovation and Entrepreneurship	This course introduces students to the economics of entrepreneurship and innovation in terms of evolutionary economics and information economics. A basis will be provided for analysing public policy and for anticipating the patterns of economy change associated with entrepreneurship and innovation.	Undergraduate	Semester 2, 2018	Economics School	2		

Labour Economics	Analysis of labour markets & its application to contemporary labour market issues, including labour demand & supply issues, unemployment, employment, wage determination & human capital development.	Undergraduate	Semester 2, 2018	Economics School	1		
Advanced Microeconomics	Developments & implications of microeconomic theory.	Undergraduate	Semester 1, 2018	Economics School	1		
Advanced Macroeconomics	Principles of Keynesian & classical macroeconomics. Theories of consumption, investment, inflation.	Undergraduate	Semester 1, 2018	Economics School	1		
Game Theory & Strategy	ECON3050 is an intermediate course in Game Theory. As such, the analysis focuses on problems of strategic interaction, especially in situations where individuals face uncertainty and might have private information. Examples of such problems include auctions, decisions by committees (or a jury), analysis of recommendations, etc. Both static and dynamic games are considered, and their corresponding equilibrium notions are analyzed. The analysis is formal (mathematical) and it provides an ideal transition from undergraduate Game Theory to the level of Microeconomic Theory courses in the Honours program.	Undergraduate	Semester 2, 2018	Economics School	1		
Experimental Economics	Experimental economics is concerned with testing economic hypotheses & policies in a laboratory setting. Economic laboratory experiments involve finding out whether or not real people actually behave in the way economic theory predicts. This course will examine a number of topics in economics using experimental methods. Topics covered will include: Individual decision-making, market experiments, behavioural finance, experimental auction markets, public goods experiments, experiments in environmental & resource economics, game theoretic experiments.	Undergraduate	Semester 1, 2018	Economics School	1		
Monetary Economics	This course introduces and examines a number of advanced topics in monetary economics. Topics include: existence of money and currency regimes, the short-run and long-run effect of money in the economy, optimal monetary policy in a closed and open economy, and the time-inconsistency problem in monetary policy.	Undergraduate	Semester 1, 2018	Economics School	1		

Financial Markets & Institutions	Flow of funds & financial markets, theory & behaviour of interest rates, term & risk structure of interest rates, exchange rates, interest parity, expectations formation, equity markets, debt market, Euro markets, derivatives markets, social allocation of capital.	Undergraduate	Semester 2, 2018	Economics School	1		
Benefit-Cost Analysis for Business	The course develops a framework for analysis of the economy-wide effects of proposed public & private projects. A case study is undertaken in which basic concepts of microeconomic theory are applied within a spreadsheet framework to produce a benefit-cost analysis of a professional standard. A knowledge of basic spreadsheet skills are required.	Undergraduate	Semester 2, 2018	Economics School	2		
Statistical Theory for Economists	Recommended material for all advanced courses in Econometrics, Mathematical Economics & operations research. Topics include probability theory, sampling distribution, introduction to classical & Bayesian decision theory.	Undergraduate	Semester 1, 2018	Economics School	1		
Econometric Theory	Theory of general linear model-topics include: least squares, generalised method of moments & maximum likelihood estimators under iid, autocorrelated & heteroskedastic error specifications.	Undergraduate	Semester 2, 2018	Economics School	1		
Productivity and Efficiency Analysis	This course provides a comprehensive coverage of modern methods for analysing the productivity and efficiency of different types of decision-making units (e.g., individuals, firms, industries, regions, economies). Students learn how different assumptions concerning technologies, markets and firm behaviour can be used to guide the construction of proper productivity indexes. They then learn how these indexes can be exhaustively decomposed into measures of technical change, environmental change, and various types of efficiency change. Students learn how to estimate these components using data envelopment analysis (DEA), deterministic frontier analysis (DFA) and stochastic frontier analysis (SFA) methods. Students gain an understanding of why the estimation of these components is critically important for public policy-making. The course has a strong applied focus. Students analyse different types of datasets using software packages such as DPIN, DEAP, FRONTIER, EViews and LIMDEP.	Undergraduate	Semester 2, 2018	Economics School	1		

Applied Econometrics for Macroeconomics and Finance	The purpose of the course is to offer advanced students in finance and economics an understanding of the econometric tools that apply to financial and macroeconomics data. The approach is from an applied perspective. Lectures will introduce specific financial and macroeconomic models and the techniques required to estimate/predict/forecast with the model. The course will make use of a suitable econometric package for purposes of analysing of the data. Core content includes: statistical characteristics of time series data; capital asset pricing models; cointegrated models; volatility and volatility models; models of price changes. Skills and Perspective provided by applications to: stock prices, derivatives, exchange rates, interest rates, high-frequency data analysis, market microstructure.	Undergraduate	Semester 1, 2018	Economics School	1		
Applied Econometrics for Microeconomics	The purpose of the course is to offer advanced students in Economics, Commerce and Business an understanding of the econometric tools that apply to microeconomic data. The approach is from an applied perspective. Lectures will introduce specific cross-sectional and panel models and the techniques required to estimate/predict with the model. The course will make use of the econometric package, Stata, for purposes of analysing of the data. Core content includes the analysis of individual-level data on the economic behaviour of individuals or firms using regression methods for cross section and panel data. Skills and Perspective provided by applications in the area of labour economics, consumer choice, health and education. Assumed Background: Students are expected to have an intermediate knowledge (second year undergraduate at least) of economic theory and econometrics or statistics and mathematics (see prerequisites).	Undergraduate	Semester 2, 2018	Economics School	1		
Industrial Economics	Economics of industrial structure; size of firms, entry conditions, concentration, vertical integration, diversification, pricing behaviour, growth, productivity, technological change.	Undergraduate	Semester 1, 2018	Economics School	1		

Managerial Economics	Application of economic analysis to business decision-making & organisation: basic economic tools, business objectives, demand analysis; pricing policies & competitive strategies, cost & production analysis, market structure, decision-making under uncertainty, capital budgeting & investment analysis.	Undergraduate	Semester 2, 2018	Economics School	1		
Competition Policy and Regulation	Theory & practice of regulation & regulatory reform; special reference to transport & utility (eg energy, telecommunications & water) industries; competition policy, privatisation, industry structural change, vertical & horizontal separation, access pricing, spot markets, contracts, multi-product pricing & investment.	Undergraduate	Semester 1, 2018	Economics School	1		
Public Finance	This course focuses on the role of the government in the economy. Public policy issues are analysed theoretically and empirically. The course covers topics in government expenditure, taxation and political economy.	Undergraduate	Semester 2, 2018	Economics School	1		
International Trade Theory & Policy	Pure theory of international trade, comparative advantage, Heckscher-Ohlin, growth & trade. Commercial policies: protection & welfare, economic integration, trade & economic development, Australian perspectives.	Undergraduate	Semester 1, 2018	Economics School	1		
Economics of International Finance	International monetary system, the IMF, dependent economy models, competitiveness, fiscal & monetary policy in open economy, external adjustment, capital mobility, exchange rate volatility, the current account, macroeconomics of foreign investment & external debt.	Undergraduate	Semester 2, 2018	Economics School	1		
Evolution of Economic Systems	Analysis of how complex systems develop using contributions from behavioural, evolutionary and institutional economics with an emphasis on the role institutions, coordination problems, knowledge issues and cognitive aspects, illustrated with country-based case material.	Undergraduate	Semester 1, 2018	Economics School	1		
Australian Economic History	Australian economic experience since 1788. Period since 1900 in depth.	Undergraduate	Semester 2, 2018	Economics School	1		
Special Unit	Special Unit - contact School of Economics for further information.	Undergraduate	Semester 2, 2018	Economics School	1		
Microeconomics A	A course in advanced microeconomic theory. The focus is on consumer theory, the theory of the firm, general equilibrium and welfare.	Undergraduate	Semester 1, 2018	Economics School	1		

Macroeconomics A	This is a core course in macroeconomic theory which addresses fundamental problems including output growth, business cycles and inflation in the context of mainstream models of the economy, fiscal and monetary policies.	Undergraduate	Semester 1, 2018	Economics School	1		
Microeconomics B	This course explores in detail the economics of information and uncertainty introducing mechanism design and agency theory at an advanced level. This course will be particularly useful for students who wish to specialise in the area of Microeconomics.	Undergraduate	Semester 2, 2018	Economics School	1		
Macroeconomics B	This course extends the core materials in the field of macroeconomics beyond that covered in Macroeconomics A (currently ECON6020 Macroeconomic Theory). Whilst Macroeconomics A provides a comprehensive coverage of key, standard macroeconomic analysis at the Honours level, Macroeconomics B is intended to provide a more in-depth, extended coverage of important, contemporary, dynamic macroeconomic topics that cannot be covered in Macroeconomics A due to time constraints. The Macroeconomics B course will be particularly useful for those Honours students who are writing a thesis on a topic related to macroeconomics or who wish to specialise in the area of macroeconomics.	Undergraduate	Semester 2, 2018	Economics School	1		
Computational Methods in Economics	This course covers numerical methods and computational tools that are relevant in solving and quantifying implications of economic models and estimating econometric models. The course also covers how to write computer codes to implement these methods and tools.	Postgraduate Coursework	Semester 2, 2018	Economics School	1		
Advanced Microeconometrics	This course concentrates on mainstream models and estimation and inference methods that are widely used in most empirical investigations in applied microeconomics. The course has a topics-based structure, and theory and applications are closely integrated. Topics include parametric and semi-parametric estimation methods applied to cross-section and panel data; treatment evaluation; models of cross-sectional dependence; quantile and mixture regressions; density estimation; Bayesian regression analysis.	Undergraduate	Semester 1, 2018	Economics School	1		

Advanced Econometric Theory	This is an advanced course in econometric theory which builds upon ECON3330. The focus will be on theoretical foundations of econometrics, including the asymptotic theory behind M-estimators and likelihood-based inference, nonparametric and semiparametric econometrics.	Undergraduate	Semester 2, 2018	Economics School	1		
Advanced Macroeconometrics	This course surveys the econometric theory which underlies modern applied research on macroeconomic issues, as well as some of the literature that has applied this theory. The main objectives are to give students a background that enables them to understand and critically appraise applied work on macroeconomic issues, and to provide them with some practical experience in working with macroeconomic data. The course covers a number of applications so that the students become aware of actual problems that macroeconomists address prior to moving to the approaches taken. Topics covered will include the specification and estimation of the Phillips Curve; the specification and estimation of Reaction Functions; applications of VAR (e.g., NKPC) including identification by sign restrictions, long-run restrictions, and translating theory to the econometric specification; state space modelling including alternative approaches to estimation and inference; TVP-VARs applications and specification and estimation of the Dynamic Stochastic Equilibrium Model (DSGE).	Undergraduate	Semester 2, 2018	Economics School	1		
Financial Econometrics	This course aims at giving an introduction to various aspects of financial econometrics. Characteristics of financial data will be studied and several major econometric models used in finance will be surveyed. Students will learn how to concretely treat and analyse financial data, will be introduced to some of the major tools used in both in the literature and by practitioners.	Postgraduate Coursework	Semester 2, 2018	Economics School	1		

Economic Development	Major issues: role of agriculture, foreign investment, trade & industrialisation strategies, finance & development, income inequality & income redistribution policies; non-economic factors in development, comparative study of strategies in selected countries; factors contributing to success & failure of development strategies; development environment & rural poverty; lessons for the future.	Undergraduate	Semester 2, 2018	Economics School	1		
Honours Thesis	Techniques for researching thesis topics & writing of thesis proposal; presentation of paper & submission of thesis of up to 25,000 words.	Undergraduate	Semester 1, 2018	Economics School	2		
Honours Thesis (Arts)	Techniques for researching thesis topics & writing of thesis proposal; presentation of paper & submission of thesis.	Undergraduate	Semester 1, 2018	Economics School	2		
Foundations in Microeconomics	This course provides students with a basic knowledge of the core economic principles. These principles will be explained and developed using a variety of examples involving businesses, governments, and households. Topics include supply and demand analysis, imperfect competition, producer and consumer theory, marginal analysis, welfare analysis, benefits and costs.	Postgraduate Coursework	Semester 1, 2018	Economics School	2		
Foundations in Macroeconomics	This is an introductory course in Macroeconomics. This course covers important macroeconomic issues such as growth, inflation, unemployment, interest rates, exchange rates, technological progress, and budget deficits. The course will provide a unified framework to address these issues and to study the impact of different policies, such as monetary and fiscal policies, on the aggregate behavior of individuals.	Postgraduate Coursework	Semester 1, 2018	Economics School	2		
Economics for Commerce	Introduces professional accounting & management students to both microeconomics & macroeconomics; highlights practical applicability of economics to analysis of contemporary problems; market trends & government policies.	Postgraduate Coursework	Semester 1, 2018	Economics School	2		

Business Economics	Economics focuses on choices between alternative ways of using resources and the consequences of these choices, which often have to be made in the face of problems associated with the availability of information and limitations to knowledge. These choices concern issues such as what to consume, what to produce, how to produce it, how to organize production between different economic entities, and what prices to charge. Choices taken by individuals need to be coordinated to avoid wasted opportunities, the more so the more that specialization is taking place at the level of the individual, firm or national economy. A major coordinating role is played by price mechanisms, i.e. adjustments in relative prices and the incentives provided by profits and losses. However, much coordination is achieved via the use of planning and institutions. Even with coordination assisted by these devices coordination failures can still occur, such as major slumps in employment and international trade. Economic theory can help to assess when these problems are likely and how they may be dealt with.	Postgraduate Coursework	Semester 1, 2018	Economics School	2		
The Macroeconomy	This is an intermediate course in Macroeconomics. This course covers important macroeconomic issues such as the determinants of national expenditure and income, economic growth, inflation and exchange rates. The course integrates macroeconomic theory and policy with applications to recent international and Australian economic episodes.	Postgraduate Coursework	Semester 1, 2018	Economics School	2		
Microeconomic Analysis	Recent developments in, & links between, microeconomic theory & economic policy at micro level.	Postgraduate Coursework	Semester 1, 2018	Economics School	1		
Macroeconomic Analysis	Recent developments in macroeconomic theory & relationships to economic policy.	Postgraduate Coursework	Semester 1, 2018	Economics School	1		
Evolution of Economic Systems	Analysis of how complex systems develop using contributions from behavioural, evolutionary and institutional economics with an emphasis on the role institutions, coordination problems, knowledge issues and cognitive aspects, illustrated with country-based case material.	Postgraduate Coursework	Semester 1, 2018	Economics School	1		

Economic Analysis of Strategy	Game theory is the method economists employ to analyse strategic situations. One aim of the course is to teach you some strategic considerations to take into account when making your own choices. A second aim is to predict how other people or organizations behave when they are in strategic settings. We will see that these aims are closely related. We will learn new concepts, methods and terminology. A third aim is to apply these tools to settings from economics, business and finance. The course will emphasize examples. We will also play several games in class.	Postgraduate Coursework	Semester 1, 2018	Economics School	2		
Consumer and Firm Behaviour	This course builds on the economic theory developed in ECON7000 introducing a more advanced level of analysis of consumer and producer behaviour with additional tools and models. Topics may include partial and general equilibrium theory, producer and consumer theory, imperfect competition including monopoly and oligopoly, as well various aspects of externalities, risk and uncertainty.	Postgraduate Coursework	Semester 1, 2018	Economics School	2		
Mathematical Techniques for Economics	This course will focus on the application of differential & integral calculus as well as matrix algebra to economic models. Simple unconstrained optimisation will be studied. The course will also introduce some aspects of multi-variate analysis.	Postgraduate Coursework	Semester 1, 2018	Economics School	2		
Economics of Financial Markets	Economic behaviour of financial markets: volatility, bubbles, efficiency; economic theories of financial markets; price determination; role of market makers & institutional factors. Non-Walrasian theories of price determination in financial market, auction markets in theory & practice.	Postgraduate Coursework	Semester 1, 2018	Economics School	2		
Statistics for Business & Economics	Statistical inference, probability & sampling distributions, estimation, hypothesis tests, correlation & regression, experimental design, sample survey design, quality sampling, modern business decision theory.	Postgraduate Coursework	Semester 1, 2018	Economics School	2		

Elements of Econometrics	Introductory applied econometric course for students with basic economic statistics background. Topics covered include: economic models and role of econometrics, linear regression, general linear model, hypothesis testing, specification testing, dummy variables, simple dynamic models and simple cointegration models. Tutorial problems are solved using a relevant econometrics program.	Postgraduate Coursework	Semester 1, 2018	Economics School	2		
Advanced Microeconometrics	This course concentrates on mainstream models and estimation and inference methods that are widely used in most empirical investigations in applied microeconomics. The course has a topics-based structure, and theory and applications are closely integrated. Topics include parametric and semi-parametric estimation methods applied to cross-section and panel data; treatment evaluation; models of cross-sectional dependence; quantile and mixture regressions; density estimation; Bayesian regression analysis.	Postgraduate Coursework	Semester 1, 2018	Economics School	1		
Statistical Theory for Economists	Recommended material for all advanced courses in Econometrics, Mathematical Economics & operations research. Topics include probability theory, sampling distribution, introduction to classical & Bayesian decision theory.	Postgraduate Coursework	Semester 1, 2018	Economics School	1		
Business & Economic Decision Techniques	Provides a working understanding of some of the principal techniques used in business decision making. Topics include linear programming, transportation & assignment models, project scheduling & control, inventory models, & decision theory & games. These techniques can be used to solve problems in areas as diverse as product mixing & blending, firm efficiency & benchmarking, project management, & multi-period financial planning. Problems & exercises are solved using Microsoft Excel or a simple menu-drive software package.	Postgraduate Coursework	Semester 2, 2018	Economics School	1		
Advanced Econometric Theory	This is an advanced course in econometric theory which builds upon ECON3330. The focus will be on theoretical foundations of econometrics, including the asymptotic theory behind M-estimators and likelihood-based inference, nonparametric and semiparametric econometrics.	Postgraduate Coursework	Semester 2, 2018	Economics School	1		

Econometric Theory	Theory of general linear model-topics include: least squares, generalised method of moments & maximum likelihood estimators under iid, auto-correlated & heteroskedastic error specifications.	Postgraduate Coursework	Semester 2, 2018	Economics School	1		
Productivity and Efficiency Analysis	This course provides a comprehensive coverage of modern methods for analysing the productivity and efficiency of different types of decision-making units (e.g., individuals, firms, industries, regions, economies). Students learn how different assumptions concerning technologies, markets and firm behaviour can be used to guide the construction of proper productivity indexes. They then learn how these indexes can be exhaustively decomposed into measures of technical change, environmental change, and various types of efficiency change. Students learn how to estimate these components using data envelopment analysis (DEA), deterministic frontier analysis (DFA) and stochastic frontier analysis (SFA) methods. Students gain an understanding of why the estimation of these components is critically important for public policy-making. The course has a strong applied focus. Students analyse different types of datasets using software packages such as DPIN, DEAP, FRONTIER, EViews and LIMDEP.	Postgraduate Coursework	Semester 2, 2018	Economics School	1		
Applied Econometrics for Macroeconomics and Finance	Econometric tools that apply to financial and macroeconomics data. Core content includes: characteristics of time series data; capital asset pricing models; co-integrated models; volatility models; models of price changes. Applications include models of stock prices, derivatives, exchange rates, interest rates.	Postgraduate Coursework	Semester 1, 2018	Economics School	1		

Applied Econometrics for Microeconomics	The purpose of the course is to offer advanced students in Economics, Commerce and Business an understanding of the econometric tools that apply to microeconomic data. The approach is from an applied perspective. Lectures will introduce specific cross-sectional and panel models and the techniques required to estimate/predict with the model. The course will make use of the econometric package, Stata, for purposes of analysing of the data. Core content includes the analysis of individual-level data on the economic behaviour of individuals or firms using regression methods for cross section and panel data. Skills and Perspective provided by applications in the area of labour economics, consumer choice, health and education. Assumed Background: Students are expected to have an intermediate knowledge (second year undergraduate at least) of economic theory and econometrics or statistics and mathematics (see prerequisites).	Postgraduate Coursework	Semester 2, 2018	Economics School	1		
Advanced Macroeconometrics	This course surveys the econometric theory which underlies modern applied research on macroeconomic issues, as well as some of the literature that has applied this theory. The main objectives are to give students a background that enables them to understand and critically appraise applied work on macroeconomic issues, and to provide them with some practical experience in working with macroeconomic data. The course covers a number of applications so that the students become aware of actual problems that macroeconomists address prior to moving to the approaches taken. Topics covered includet he specification and estimation of the Phillips Curve; the specification and estimation of Reaction Functions; applications of VAR (e.g., NKPC) including identification by sign restrictions, long-run restrictions, and translating theory to the econometric specification; state space modelling including alternative approaches to estimation and inference;TVP-VARs applications and Specification and estimation of the Dynamic Stochastic Equilibrium Model (DSGE).	Postgraduate Coursework	Semester 2, 2018	Economics School	1		

Financial Econometrics	This course gives an introduction to various aspects of financial econometrics. Characteristics of financial data will be studied and several major econometric models used in finance will be surveyed. Students learn how to analyse financial data and are introduced to some of the major tools used in both in the literature and by practitioners. The topics covered will include descriptive statistics for financial data: Data exploration, Density estimation, Heavy tails; review of Time Series: ARMA, GARCH; state-Space models; risk: VaR, Extreme Value Theory; Factor Models and PCA; Copula Models and High Frequency Models. Examples covering Asset Pricing, Portfolio allocation and Term Structure will be provided.	Postgraduate Coursework	Semester 2, 2018	Economics School	1		
Competition Policy and Regulation	Objectives of public enterprises & appropriate price, output & investment policies. Regulation (economic) of private sector to improve efficiency in resource allocation. Economic planning at micro level.	Postgraduate Coursework	Semester 1, 2018	Economics School	1		
Public Economics	This course focuses on the role of the government in the economy. Public policy issues are analysed theoretically and empirically. The course covers topics in government expenditure, taxation and political economy.	Postgraduate Coursework	Semester 2, 2018	Economics School	1		
Health Economics	Descriptive & theoretical aspects of health & medical services; demand & supply for health insurance, hospitals, etc; equity v. efficiency in services; health financing & health systems; evaluation techniques.	Postgraduate Coursework	Semester 2, 2018	Economics School	1		
Economic Development	Competing theories of economic growth & development; assessment of alternative development strategies & policies; roles of international institutions in managing international economy; comparative experiences of Asian, African & Latin American developing countries examined.	Postgraduate Coursework	Semester 2, 2018	Economics School	1		
International Macroeconomics and Finance	Theoretical topics on exchange rate behaviour & management, current account determination, international capital mobility, effectiveness of fiscal & monetary policies in open economies & select international macroeconomic policy issues.	Postgraduate Coursework	Semester 1, 2018	Economics School	2		

International Trade & Investment	Survey of recent advances in foreign trade and investment. Topics include trade theory and policy, international factor movement, theories of international investment and contemporary trade and investment issues.	Postgraduate Coursework	Semester 2, 2018	Economics School	2		
Economics of Innovation & Entrepreneurship	Studies the process by which an economy or a business evolves as a complex network of flows of knowledge. Entrepreneurship and innovation are the two primary mechanisms in this process. Case studies are built upon a core of new economic theory.	Postgraduate Coursework	Semester 2, 2018	Economics School	2		
Benefit-Cost Analysis & Project Evaluation	Use of techniques of applied welfare economics & investment appraisal to undertake benefit/cost analysis of public & private sector projects, using spreadsheets.	Postgraduate Coursework	Semester 2, 2018	Economics School	2		
Economic Evaluation and Health	The course will introduce students to economic evaluation of health care interventions. In particular students will learn the advantages and disadvantages associated with cost-effectiveness, cost-utility and cost-benefit analysis. The course will be taught using a combination of lecture presentations, interactive tutorials and journal article discussions.	Postgraduate Coursework	Semester 2, 2018	Economics School	1		
Health Economics and Policy	The course provides students with an appreciation & understanding of economic debates regarding key health sector policy issues, an understanding of the measurement of problems associated with the economic analysis of some health sector issues & an insight into the political economy of the health sector & the role of economists in that sector.	Postgraduate Coursework	Semester 2, 2018	Economics School	1		
Thesis	(If enrolling in this course across 2 semesters: Students commencing in semester 1 must enrol in ECON7931 for both semesters. Students commencing in semester 2 must enrol in ECON7932 for both semesters. Students enrolling in a single semester must enrol in ECON7930).	Postgraduate Coursework	Semester 1, 2018	Economics School	2		
Thesis	(If enrolling in this course across 2 semesters: Students commencing in semester 1 must enrol in ECON7931 for both semesters. Students commencing in semester 2 must enrol in ECON7932 for both semesters. Students enrolling in a single semester must enrol in ECON7930).	Postgraduate Coursework	Semester 1, 2018	Economics School	2		

Thesis	(If enrolling in this course across 2 semesters: Students commencing in sem 1 must enrol in ECON7931 for both semesters. Students commencing in sem 2 must enrol in ECON7932 for both sem. Students enrolling in a single semester must enrol in ECON7930).	Postgraduate Coursework	Semester 1, 2018	Economics School	2		
Research Methods in Economics	This course explains how to conduct basic research in economics. It covers the main steps involved in the research process: development of the research proposal, finding and critically evaluating relevant literature, model development, methods for locating and collecting economic data, analytical methods, and writing mechanics. The course has a strong practical focus.	Postgraduate Coursework	Semester 1, 2018	Economics School	2		
Quantitative Skills for Economics	The course will cover various topics in mathematics and statistics, including matrix algebra, calculus, optimisation, probability, random variables, and estimation methods. Understanding this material will prepare the students for graduate courses in economics, especially those involving quantitative components. The emphasis will be in the formal aspects of the analysis, including definitions, main results, and problem solving.	Postgraduate Coursework	Semester 1, 2018	Economics School	1		
Microeconomics A	A course in advanced microeconomic theory. The emphasis is on microeconomics without uncertainty.	Postgraduate Coursework	Semester 1, 2018	Economics School	1		
Macroeconomics A	This is a core course in macroeconomic theory which addresses fundamental problems including output growth, business cycles and inflation in the context of mainstream models of the economy, fiscal and monetary policies.	Postgraduate Coursework	Semester 1, 2018	Economics School	1		
Microeconomics B	This course explores in detail the economics of information and uncertainty introducing mechanism design and agency theory at an advanced level. This course will be particularly useful for students who wish to specialise in the area of Microeconomics.	Postgraduate Coursework	Semester 2, 2018	Economics School	1		

Macroeconomics B	This course extends the core materials in the field of macroeconomics beyond that covered in Macroeconomics A (currently ECON8020 Macroeconomic Theory). Whilst Macroeconomics A provides a comprehensive coverage of key, standard macroeconomic analysis at the introductory PhD level, Macroeconomics B is intended to provide a more in-depth, extended coverage of important, contemporary, dynamic macroeconomic topics that cannot be covered in Macroeconomics A due to time constraints. The Macroeconomics B course will be particularly useful for those students who are writing a thesis on a topic related to macroeconomics or who wish to specialise in the area of macroeconomics, and is seen as essential for PhD students wishing to research and build a career in the field of macroeconomic analysis.	Postgraduate Coursework	Semester 2, 2018	Economics School	1		
Computational Methods in Economics	This course covers numerical methods and computational tools that are relevant in solving and quantifying implications of economic models and estimating econometric models. The course also covers how to write computer codes to implement these methods and tools.	Postgraduate Coursework	Semester 2, 2018	Economics School	1		
Advanced Microeconometrics	This course concentrates on mainstream models and estimation and inference methods that are widely used in most empirical investigations in applied microeconomics. The course has a topics-based structure, and theory and applications are closely integrated. Topics include parametric and semi-parametric estimation methods applied to cross-section and panel data; treatment evaluation; models of cross-sectional dependence; quantile and mixture regressions; density estimation; Bayesian regression analysis.	Postgraduate Coursework	Semester 1, 2018	Economics School	1		
Advanced Studies in Economics I	The course will cover a selection of topics from the following fields: a) Political Economy; b) Labour Economics; c) Behavioural Economics; d) Experimental Economics; e) Public Economics; f) Microeconomic Theory; g) Industrial Organisation; h) Environmental/Energy Economics; i) Mechanism Design; j) Monetary Economics; k) Development Economics	Postgraduate Coursework	Semester 1, 2018	Economics School	1		

Advanced Studies in Economics 2	This course will cover a selection of topics from the following fields: a) Political Economy b) Labour Economics c) Behavioural Economics d) Experimental Economics e) Public Economics f) Microeconomic Theory g) Industrial Organisation h) Environmental/Energy Economics i) Mechanism Design j) Monetary Economics	Postgraduate Coursework	Semester 1, 2018	Economics School	1		
Advanced Studies in Econometrics	This course will cover a selection of topics from the following fields: a) Microeconometric Theory; b) Macroeconometric Theory; c) Applied Macroeconometric; d) Applied Microeconometric; e) Treatment effects; f) Simulation methods; g) Productivity and Efficiency Analysis; h) Operations research; i) Financial Econometrics; j) Spatial Econometrics; k) Time Series Econometrics	Postgraduate Coursework	Semester 1, 2018	Economics School	1		
Introduction to Education	This course aims to stimulate students' thinking about key educational questions of why, what and how we educate with a particular focus on social justice. Students will consider these questions as an introduction to some of the foundations of the applied discipline of education. The course examines selected themes as these apply in the Australian context in order to challenge preconceived notions of schooling and education. The subject matter provides students with a framework on which to build an understanding of education as a discipline during their undergraduate years.	Undergraduate	Semester 1, 2018	Education School	2		
Teaching and Learning Tools in 21st Century Knowledge Societies	Learning Tools for 21st Century Knowledge Societies provides pre-service teachers a holistic preparation for teaching in ICT-enriched learning environments. Four core competencies will be highlighted in this course: the competencies required to curate; the essential skills necessary to collaborate; the dispositions to create and innovate complemented by critical reflective practice.	Undergraduate	Semester 1, 2018	Education School	1		

Child and Adolescent Development for Educators	This course will introduce students to both classic and contemporary theories of human development, particularly as relevant to childhood and adolescence. The processes of development across multiple systems will be examined, and students will acquire an understanding of the major influences on child development. Students will explore the implications of developmental issues for children, teachers, and teaching and learning and consider how to apply developmental information in their practice. An understanding of development is a critical foundation for teaching in the primary and middle years of schooling.	Undergraduate	Semester 1, 2018	Education School	1		
Introduction to Teaching Mathematics	As a teacher, a large portion of the day will be devoted to numeracy pursuits as a foundation for all other study. Numeracy as situated practice that requires more than basic skills is the focus of this course. Through this course, issues explored include the integration of numeracy within and through daily tasks, examining definitions of numeracy and what it means to be numerate, considering how technology has impacted upon numeracy learning and development, and exploring the skills, knowledges and understandings that a teacher of numeracy (at any level) needs to have.	Undergraduate	Semester 1, 2018	Education School	1		
Education and Creativity: Pedagogical Content Knowledge	This course will provide an introduction to issues of arts education in contemporary society. The role of creativity in community development and in a multicultural society will be analysed. The course will provide students with an appreciation of the range of the arts in the school curriculum, including music, dance, drama, visual and media arts. Students will engage with aspects of the arts in workshops to enhance their skills and confidence, and will develop an understanding of the resources available for arts education in various institutions such as art galleries, libraries, museums, theatres, choirs and exhibitions.	Undergraduate	Semester 1, 2018	Education School	1		

Literacy in Primary and Middle Years Contexts	This course is the first of a series of three courses within the BEd (Primary and MYS) degrees that focus on the teaching and learning of Literacy and English. Three interrelated aspects of the teaching profession provide a developmental framework for the three courses: knowing yourself as a literacy/English teacher; knowing your students; and knowing the disciplinary content of the subject English as well as the place of literacy teaching and learning within other curriculum areas. In this first course of the sequence, students will investigate their own literate identities; explore the variety of literacy experiences available to students from diverse backgrounds; and begin to build a repertoire of knowledge and practice related to the use of key literacy concepts across curriculum areas.	Undergraduate	Semester 2, 2018	Education School	1		
Introduction to Teaching Humanities and Social Sciences	This course considers key ideas about society and the environment which inform the development of essential learnings for young people in the primary and middle schooling years. It explores the significance in this context of the understandings and inquiry processes of a range of discipline areas, including history, social science and cultural studies, and their connections with environmental studies, with particular reference to Australia and its place in the global system. It evaluates research on the development of these understandings and thinking processes among children in the primary school years.	Undergraduate	Semester 2, 2018	Education School	1		

Primary Professional Experience 1	Teaching is a multi-faceted profession. Becoming a teacher requires commitment and dedication to lifelong learning and personal growth through reflection. This course provides an introduction to school life through workshops and school visits. Observing practice and learning from others provides the opportunity for personal development and growth. Therefore the focus of this course is on the development of observation skills and the importance of communication in a school context. This course is developmental and links to EDUC2712, EDUC2714, EDUC3714 and EDUC4714, providing a basis for the subsequent courses. The course will also build on and incorporate knowledge developed across the first year of the Bachelor of Education program. As this course contains a professional experience component in a school it has been permission listed so that academic and Blue Card status checks can be completed prior to enrolment. To obtain permission to enrol in this course: 1. Complete and submit the Professional Experience Form when directed 2. Wait for email of notification of the outcome of your request 3. If accepted, log-in to mySI-net and add the course to your enrolment as soon as you receive the email or as soon as enrolments open, whichever occurs first. You will not be added to the list of students requiring a placement until you have added the course to your enrolment, therefore it is advisable to seek permission as soon as you receive notification that the Professional Experience Preference form is available. Late enrolment (any time up to 4 weeks prior to, or any time after, commencement of the course) may not be accepted.	Undergraduate	Semester 2, 2018	Education School	1		
Contemporary Approaches to Teaching Movement	This course aims to help students develop competencies in communication and instruction relative to physical activity and their application in physical education contexts. Within this course, students will engage in various approaches to teaching and learning a range of physical activities and sports.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Health Education in Schools	This course introduces you to the teaching and learning, curriculum and policies of school based programs of health education, including Australian and Queensland programs of HPE for Years Prep - 10 and the Queensland Studies Authority Senior Health Education course. A central organising feature of this course is the World Health Organisation's Health Promoting Schools framework which facilitates a focus on the development of knowledge, skills and attitudes in relation to implementation of health related across the three domains of: teaching and learning, school ethos and policy, and community partnerships within school settings. Across the course you will engage with learning experiences, workshops and authentic scenarios that will build your knowledge, skills and capacity to conduct health education and promotion work across these three domains. The course will focus on the key philosophies, propositions and approaches of the Queensland and Australian Health Education syllabus documents. You will explore the biophysical, behavioural, social and salutogenic models of health and develop a critical lens that will help you understand how health is socially constructed and how individuals and communities can contribute to the health and wellbeing of themselves and others. You will confront some of the key issues within health education and develop strategies to deal with what are frequently sensitive and controversial areas. Health education content material provides the context within which a range of pedagogical practices and strategies will be explored, particularly inquiry based approaches to teaching and learning. The development of teaching units, lessons and assessment tasks within the flexibility and constraints of syllabus documents will comprise the focus of course assessment and learning experiences.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Literacy and Numeracy in Health and Physical Education	We are all teachers of literacy and numeracy. In this course, students will identify and learn to apply essential aspects of literacy and numeracy within HPE. They will explore a range of teaching strategies and tools for the explicit teaching of literacy and numeracy in HPE. Students will learn how to apply these strategies and tools to other school subject areas including the Sciences. Additionally, pre-service teachers will evaluate school students' work and school-based data sets to deliver quality feedback for learning, and design differentiated literacy and numeracy learning tasks.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Sports Leadership in Primary schools	This course aims to develop students? knowledge, confidence, and capacity to coordinate and lead programmes of sport and physical activity within primary school settings (beyond Health and Physical Education). Topics covered within the course involve whole-school sport and physical activity programmes, sport and physical activity coordinators, social marketing and sports/physical activity promotion, Fitness for Life model and Wellness Weeks, community partnerships, and securing funding. Students will engage in a range of interactive learning experiences and authentic assessment tasks that will help them develop an understanding of the theory and practice underlying the abovementioned topics in primary school settings. Assessment tasks include (a) organizing, promoting, delivering, and reflecting on, a professional development workshop targeting classroom physical activity integration, and (b) applying for funding for the purposes of developing or extending a whole-school sport and physical activity programme at a primary school.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		

Identity, Youth Cultures and Education	Describes aspects of adolescent development, social behaviour and youth culture. Preparation for those planning to work with young people in education, social work, psychology, human movement or occupational therapy. Aims to increase students' knowledge of the nature and characteristics of Australian adolescents and provide practical guides to action. As this course contains a professional experience component in a school it has been permission listed so that academic and Blue Card status checks can be completed prior to enrolment. To obtain permission to enrol in this course: 1. Complete and submit the Professional Experience Form when directed 2. Wait for email notification of the outcome of your request 3. If accepted, log-in to mySI-net and add the course to your enrolment as soon as you receive the email or as soon as enrolments open, whichever occurs first. You will not be added to the list of students requiring a placement until you have added the course to your enrolment, therefore it is advisable to seek permission as soon as you receive notification that the Professional Experience Preference form is available. Late enrolment (any time up to 4 weeks prior to, or any time after, commencement of the course) may not be accepted.	Undergraduate	Semester 2, 2018	Education School	1		

Indigenous Knowledge & Education	Australia can proudly make claim to having the world's oldest living cultures, knowledges and worldviews - those of Aboriginal peoples. This is the premise underpinning this course, where students are introduced to and engaged in aspects of both Australian Indigenous worldviews and knowledges to gain an understanding of how these have been maintained across time, spaces and events. The course is comprised of two Modules. Both incorporate the Domains of Teaching: Australian Professional Standards for Teachers: Professional Knowledge, Professional Practice and Professional Engagement. In Module 1, students are introduced to aspects of Australian Indigenous worldviews and knowledges and are engaged in applying these to their personal knowledge and experiences, and the expectations for their professional knowledge, practice and engagement. This attends to the Australian Professional Standards for Teachers 1: Know students and how they learn (specifically Standard 1.4: Strategies for teaching Aboriginal and Torres Strait Islander students). In Module 2 the focus is students' professional knowledge, principles for practice and engagement. This attends to the Australian Professional Standards for Teachers 2: Know the Content and how to teach it (specifically Standard 2.4: Understand and respect Aboriginal and Torres Strait Islander peoples and promote reconciliation between Indigenous and non-Indigenous Australians).	Undergraduate	Semester 2, 2018	Education School	1		
Teaching Mathematics 1	Developing foundational knowledge of numeracy and pedagogies in mathematics, students will build their knowledge of mathematics curriculum. Through further exploration of key topics and issues in mathematics curriculum, they will become familiar with local, state and national curriculum and policy documents for school mathematics and numeracy.	Undergraduate	Semester 2, 2018	Education School	1		

Early Years Curriculum Foundations	The Early Years Curriculum Foundations course focuses on key concepts that distinguish early years education. The early years of life are a time of extraordinary growth and development, as well being when children are introduced to group education and schooling. In these years, young people have vivid imaginations, creative ideas and energy and enthusiasm for life and learning. This course focuses on the importance of creating rich, engaging and stimulating learning environments that provide opportunities for young people to think, engage, explore and interact. We explore how carefully interwoven approaches to pedagogy, learning environments, relationships, and curricula cultivate young children's learning. Current rethinking and reconceptualising of early childhood education are embedded to apply ethical and political understandings to learning and teaching. The course will provoke you to question taken for granted practices in education, and provides ideas on how to engage learners (of all ages) in integrated authentic experiential learning, as well as navigate the complexities of national and state early years curricula guidelines. You are required to have a current blue card for participation in EDUC2704.	Undergraduate	Semester 1, 2018	Education School	1		
Teaching English 1	This course is the second of a series of three courses within the BED Primary and MYS degrees that focus on the teaching and learning of Literacy and English. Three interrelated aspects of the teaching profession provide a developmental framework for the three courses: Knowing yourself as a literacy/English teacher; Knowing your students; and Knowing the disciplinary content of subject English as well as the place of literacy teaching and learning within other curriculum areas. In this course students will develop a repertoire of teaching strategies and practices related to the teaching of English; identify a range of assessment techniques and strategies suitable for diverse contexts; and continue building their knowledge of key concepts related to literacy and the discipline of English.	Undergraduate	Semester 2, 2018	Education School	1		

Health, Well-being and Education Pedagogical Content Knowledge	Appropriate health behaviours and minimising health risk behaviours are the concern of compulsory school education. This course enables pre-service teachers to both understand and utilise the idea of the social view of health.	Undergraduate	Semester 1, 2018	Education School	1		
Primary Professional Experience 2	Teaching is a multi-faceted profession. Becoming a teacher requires commitment and dedication to lifelong learning and personal growth through reflection. This course provides a further introduction to school life through workshops and 10 days of school visits. Observation of practice will be provided to enable the opportunity for personal development and growth. Furthermore, practice in the design and implementation of lessons will also be a feature of this course. Therefore the focus of this course is on the development of lesson plans with further development of observation skills and understanding the importance of communication in a school context. This course is developmental and builds on EDUC1715 and provides a basis for the subsequent courses, EDUC2714, EDUC3714 and EDUC4714. The course will also build on and incorporate knowledge developed across Years 1 and 2 of the Bachelor of Education program. As this course contains a professional experience component in a school it has been permission listed so that academic and Blue Card status checks can be completed prior to enrolment. To obtain permission to enrol in this course: 1. Complete and submit the Professional Experience Registration Form when directed 2. Wait for email notification of the outcome of your request 3. If accepted, log-in to mySI-net and add the course to your enrolment as soon as you receive the email or as soon as enrolments open, whichever occurs first. You will not be added to the list of students requiring a placement until you have added the course to your enrolment, therefore it is advisable to seek permission as soon as you receive notification that the Professional Experience Preference form is available. Late enrolment (any time up to 4 weeks prior to, or any time after,	Undergraduate	Semester 1, 2018	Education School	1		

Primary Professional Experience 3	This course provides a further introduction to school life through workshops, school visits and a 10 day practicum. Observation of practice will be provided to enable the opportunity for personal development, growth and practice in the design and implementation of units/lessons will also be a featured. Therefore the focus of this course is on the development of sequences of lessons with further development of observation skills and understanding the importance of communication in a school context. The professional standards of the Queensland College of Teachers will be introduced. This course is developmental and builds on EDUC1715 and EDUC2712 and provides a basis for subsequent courses, EDUC3714 and EDUC4714. The course will build on and incorporate knowledge developed across Years 1 and 2 of the Bachelor of Education program. As this course contains a professional experience component in a school it has been permission listed so that academic and Blue Card status checks can be completed prior to enrolment. To obtain permission to enrol in this course: 1. Complete and submit the Professional Experience Form when directed 2. Wait for email notification of the outcome of your request 3. If accepted, log-in to mySI-net and add the course to your enrolment as soon as you receive the email or as soon as enrolments open, whichever occurs first. You will not be added to the list of students requiring a placement until you have added the course to your enrolment, therefore please seek permission as soon as you receive notification that the Professional Experience Preference form is available. Late enrolment (any time up to 4 weeks prior to, or any time after, commencement of the course) may not be accepted.	Undergraduate	Semester 2, 2018	Education School	1		
Learning, Mind and Education	This course introduces pre-service educators to contemporary theories of learning and the mind, drawing distinctions between psychological, biological and socio-cultural viewpoints. Recent evidence is reviewed from research on how students learn effectively in educational settings.	Undergraduate	Semester 1, 2018	Education School	1		

Learning, Mind and Music Education	Introduction to methods & issues in music pedagogy; includes practicum. Students must have a valid Working With Children Bluecard.	Undergraduate	Semester 1, 2018	Music School	1		
Becoming A Professional Music Educator	Introduction to methods & issues in music pedagogy; includes practicum.	Undergraduate	Semester 2, 2018	Music School	1		
Supportive Learning Environments	Skills to arrange & deliver instructional strategies necessary to teach physical activities. Understand the purposes of pedagogy in physical education & coaching settings & reflection on own instruction from such understandings.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Inquiry Based Pedagogies	Develop & use a range of advanced teaching skills & strategies. Consolidate competence & confidence in planning & teaching. Work within secondary practicum sites, actively engaging with issues confronting the school. Use creative solutions to address teaching & learning in health & physical education contexts.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
HPE Curriculum and Assessment Studies	Issues & problems in curriculum design & evaluation. Analyse curriculum documents relevant to health & physical education. Plan a unit of work to teach in EDUC3004.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Technology, HPE and Sport	In this course, pre-service teachers will critically engage with, and develop their capacity to effectively integrate Information Communication Technologies (ICTs) into Health and Physical Education programs to enhance school students? learning opportunities. They will also learn how to apply these strategies and tools to other school subject areas including the Sciences. Pre-service teachers will explore policy and issues for the safe, ethical and responsible use of ICTs in teaching and learning. With this understanding of ICTs, they will come to know why and how teachers use data to gauge student learning and modify their teaching practice.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Youth, Sport and Physical Culture	This course will equip students to be able to use social theory to analyse and critique global youth cultures and the connection of these to sport, exercise and movement cultures. Students will investigate how youth are 'positioned' socially, politically and economically, and how these play out in terms of engagement in sport, exercise and diverse movement cultures. Finally the course will consider the idea of 'youth voice' and how this might be mobilised to enhance movement, sport and exercise experiences in a world of diversity.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Becoming A Professional Educator	The course is designed to focus students' thinking towards their professional fourth year. It provides an understanding of the professional and pedagogical contexts which beginning teachers enter, so they are better equipped to deal with instructional processes in the classroom.	Undergraduate	Semester 1, 2018	Education School	1		

Towards Professional Practice	Teaching is a multi-faceted profession. Becoming a teacher requires commitment and dedication to lifelong learning and personal growth through reflection. This course introduces school life through workshops and school visits. Observation of practice will enable the opportunity for personal development and growth and practice in the design and implementation of lessons or segments of lessons will feature. Therefore the course focuses on the development of planning for lessons and segments of lessons along with the development of observation skills and understanding the importance of communication in a school context. This course is developmental and will be the basis for the professional experience courses in the Professional Year and therefore must be done in the semester prior to commencement. This course contains a two-week block following the exam block in a school setting. You are advised to keep this in mind when making holiday plans. As this course contains a professional experience component in a school it has been permission listed so that academic, and Blue Card status checks can be completed prior to enrolment. To obtain permission to enrol in this course: 1. Complete and submit the Professional Experience Form when directed 2. Wait for email notification of the outcome of your request 3. If accepted, log-in to mySI-net and add the course to your enrolment as soon as you receive the email or as soon as enrolments open, whichever occurs first. You will not be added to the list of students requiring a placement until you have added the course to your enrolment, therefore please seek permission as soon as you receive notification that the Professional Experience Preference form is available. Late enrolment (any time up	Undergraduate	Semester 2, 2018	Education School	1		

Junior Science Curriculum for HMS	This course is designed to prepare Human Movement Studies students to be effective teachers of Junior Science (Years 7-10). This course will draw on the new Australian Curriculum: Science and place it in a Queensland context. EDUC3250 will emphasise the curriculum reform, content knowledge and curriculum construction aspects of Junior Science courses. EDUC3250 will also address the foundational policy and pedagogical practices underpinning the safe delivery of learning experiences within a typical school science laboratory and make links to the Senior Science curriculums explicit.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Junior Science in Action	This course focuses on the pedagogical practices underpinning the delivery of the Australian Science Curriculum. This course provides practical opportunities for students to develop and refine a variety of teaching skills and strategies within inquiry based/problem solving approaches to Junior Science curriculum. An emphasis is placed on the management of students within laboratory settings and the associated safety protocols and lesson organisation that ensures a safe science learning environment.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Diversity and Inclusive Education	This course offers an introduction to the concept of diversity and to an understanding of inclusive education. Students will learn how schools and classrooms can support students with different needs in inclusive and responsive ways. Consideration is given to individuals with various disabilities and impairments, those with learning difficulties, those with exceptional gifts and talents, those at-risk and those with high support needs. Consideration will also be given to individuals from various backgrounds including race, ethnicity, culture and language. You are required to have a current Blue Card prior to enrolling in this course. Late enrolment (any time up to 4 weeks prior to, or any time after, commencement of the course) may not be accepted.	Undergraduate	Semester 1, 2018	Education School	1		

Teaching Health and Physical Education	This course introduces the Australian Curriculum: Health and Physical Education (F-10) to non-HPE specialists. Integral to Health and Physical Education is the acquisition of movement skills, concepts and strategies that enable students to participate in a range of physical activities confidently and competently. This course aims to develop primary generalist pre-service teachers? confidence and competence in a range of approaches to teaching and learning physical activity in order to better position them to facilitate physical activity experiences in their schools . It includes lectures, workshops, independent tasks and a low intensity practical physical activity component. Full attendance and participation in all learning activities is expected.	Undergraduate	Semester 1, 2018	Education School	1		
Teaching Technology and The Arts in the Twenty-First Century	This course provides information on the Technology and The Arts key learning areas for primary and middle years of schooling. The focus of the course will be the development of knowledge about the nature of the key learning areas and associated subject area syllabi. Effective strategies for classroom practice that align with current approaches in the early and middle phases of learning will also be explored. Working in teams, students will undertake practical and hands-on curriculum-based tasks that develop deep understandings of the syllabus documents and their application.	Undergraduate	Semester 1, 2018	Education School	1		
Teaching Science in Primary and Middle Schools	This course provides pedagogical content knowledge and curriculum knowledge for prospective primary and middle school teachers in relation to the Science Key Learning Area. A variety of contexts are used to explore a range of appropriate teaching models and authentic assessment techniques in line with current approaches to teaching in the primary and middle school. There is emphasis on the integration of information and communication technologies into teaching practice as well as integration of topics between key learning areas.	Undergraduate	Semester 1, 2018	Education School	1		

Teaching Mathematics 2	Building on foundational knowledge of numeracy and pedagogies in mathematics, students will extend and deepen their knowledge of mathematics curriculum and the application of authentic and open-ended numeracy investigations that connect mathematics across the curriculum and in the wider community. Through further exploration of key topics and issues in mathematics curriculum, they will become familiar with local, state and national curriculum and policy documents for school mathematics and numeracy.	Undergraduate	Semester 2, 2018	Education School	1		
Teaching Humanities and Social Sciences Curriculum	This course prepares students to teach the Australian History, Geography and Civics and Citizenship curricula in Primary and Junior Secondary. It is also designed to give students the knowledge and skills to highlight the general capabilities of critical and creative thinking, ethical behaviour and intercultural understanding as well as the cross-curriculum priorities of sustainability and Australia's engagement with Asia	Undergraduate	Semester 2, 2018	Education School	1		

Primary Professional Experience 4	Teaching is a multi-faceted profession. Becoming a teacher requires commitment and dedication to lifelong learning and personal growth through reflection. This course provides a further introduction to teaching through workshops and a 20-day block practicum. Observation of practice will enable the opportunity for personal development and growth. Practice in the design and implementation of units/lessons will also feature. The course focusses on the relationship between the professional standards explicated by the Queensland College of Teachers and the work of a teacher. This course is developmental and builds on EDUC1715, EDUC2712 and EDUC2714, providing a basis for the subsequent course, EDUC4714. The course builds on and incorporates knowledge developed across the first, second and third years of the Bachelor of Education program. As this course contains a professional experience component in a school it has been permission listed so that academic and Blue Card status checks can be completed prior to enrolment. To obtain permission to enrol in this course: 1. Complete and submit the Professional Experience Form when directed 2. Wait for email notification of the outcome of your request 3. If accepted, log-in to mySI-net and add the course to your enrolment as soon as you receive the email or as soon as enrolments open, whichever occurs first. You will not be added to the list of students requiring a placement until you have added the course to your enrolment, therefore please seek permission as soon as you receive notification that the Professional Experience Preference form is available. Late enrolment (any time up to 4 weeks prior to, or any time after, commencement of the course) may not be accepted.	Undergraduate	Semester 2, 2018	Education School	1		
Leadership, Innovation and Research in HPE	Four health & physical education curriculum problems will be addressed individually & in small groups. Course concludes with a student conference.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Major Practicum (Health & Physical Education)	This course requires pre-service teachers to undertake 60 days of full time professional experience teaching in Queensland secondary schools in health and physical education & science. Students are required to undertake a placement course in order to meet the program requirements and must obtain a "blue card" before they begin their placement in order to work with children and young people.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Teachers as Researchers Part A	This course is designed as an experience enabling students to plan, act and reflect as professionals building from knowledge gained through Part A of their dual degree programs. It includes an on-campus component and a research component associated with the practice teaching experience in Semester 2. During the on-campus component, Research theory and methods are introduced as one strategic method of acting professionally, ethically and collegially to improve student learning and educational outcomes. Prior to and during the practice teaching experience in Semester 2, students will consult with academic staff to design and implement a research project directly related to their teaching at the school. In the process of completing this course students will develop and demonstrate the professional, ethical and values-based standards and competencies required of beginning teachers.	Undergraduate	Semester 1, 2018	Education School	2		

Teaching English 2	EDUC4702 is the final of three courses within the BED Primary and Middle Years Programs that focus on the teaching and learning of English and literacy. Three interrelated aspects of the teaching profession provide a developmental framework for the three courses: knowing yourself as a literacy/English teacher; knowing your students; and knowing the disciplinary content of the subject English as well as the place of literacy teaching and learning within other curriculum areas. In this course students will begin to develop their role as a critical and reflective practitioner through participation in professional communities of educators, expand their disciplinary knowledge of English and literacy, and prepare work that reflects current curriculum frameworks and policies as well as engage students from diverse backgrounds in intellectually challenging learning experiences.	Undergraduate	Semester 1, 2018	Education School	1		
Teachers as Professionals	This course is designed as a capstone experience in the BEd program where students are enabled to plan, act and reflect as professionals. It includes an on-campus component and a research component associated with the professional experience placement that follows. During the on-campus component, the professional identity and roles of the teacher are considered in relation to students, parents and the broader community. Research principles and methods are introduced as one strategic method of acting professionally, ethically and collegially to improve student learning and educational outcomes. During the professional experience placement that follows, the students will consult academic staff to plan, design and implement a research project directly related to their teaching at the school. In the process of completing this course students will develop and demonstrate the professional, ethical and values-based standards and competencies required of beginning teachers.	Undergraduate	Semester 2, 2018	Education School	1		
Research Methods	This course is designed as a foundation experience in the Bachelor of Education Primary (Honours) program. It focuses on foundations of educational research and research methods and culminates in the submission of a Research Proposal.	Undergraduate	Semester 1, 2018	Education School	1		

Research Project (Honours)	This course is designed as a capstone experience in the Bachelor of Education Primary (Honours) program. Through the course, students are enabled to carry out original, high level research in the form of a research project. The research project conceptualised during the Research Methods course is conducted in this course during the practice teaching experience and internship that follows.	Undergraduate	Semester 2, 2018	Education School	1		
Introduction to Professional Practice	35 days supervised practicum. The practicum provides opportunities for purposeful supervised experiences to develop pre-service teachers' understandings of themselves as teachers, the students they will teach, the contexts in which they will teach, and the teaching/learning process. During the practicum program, pre-service teachers will learn to work with a range of learners with diverse needs and abilities, in a variety of social, cultural and geographical contexts. It represents the beginning of a developmental continuum where students increasingly take on the roles and responsibilities of teachers.	Undergraduate	Semester 1, 2018	Education School	1		
Primary Professional Experience 5	This course provides an opportunity for students to develop their skills in relation to teaching through a 30 day block supervised practicum followed by 15 day block internship. Observation of practice will enable the opportunity for personal development and growth. Practice in the design and implementation of units/lessons will feature. The focus of this course is on demonstration of competence in meeting the QCT professional standards. It is developmental and builds on EDUC1715, EDUC2712, EDUC2714 and EDUC3714 and builds on and incorporates knowledge developed across the four years of the Bachelor of Education program culminating with a 15-day internship following the successful completion of the fifth practicum. As this course contains a professional experience component in a school it has been permission listed so that academic and Blue Card status checks can be completed prior to enrolment.	Undergraduate	Semester 1, 2018	Education School	2		

Professional Practice	Departmental consent required for semester 1 enrolment. Contact the School for permission to enrol. 40 days consisting of supervised practicum. The practicum builds on Introduction to Professional Practice and broadens opportunities for purposeful supervised experiences to develop pre-service teachers' understandings of themselves as teachers, the students they will teach, the contexts in which they will teach, and the teaching/learning process. It enables students to move from high levels of support to practice that is both autonomous and collaborative, refining and extending their knowledge about teaching in secondary school contexts.	Undergraduate	Semester 2, 2018	Education School	2		
Middle Years of Schooling Professional Experience 5	This course provides an opportunity for students to develop their skills in relation to teaching through a 30 day block supervised practicum followed by 15 day block internship. Observation of practice will enable the opportunity for personal development and growth. Practice in the design and implementation of units/lessons will feature. The focus of this course is on the demonstration of competence in meeting the professional standards explicated by the Queensland College of Teachers. It is developmental and builds on EDUC1725, EDUC2722, EDUC2724 and EDUC3724 and builds on and incorporates knowledge developed across the four years of the Bachelor of Education program culminating with a 15 day internship which follows a successful completion of the fifth teaching block practicum. As this course contains a professional experience component in a school it has been permission listed so that academic and Blue Card status checks can be completed prior to enrolment.	Undergraduate	Semester 1, 2018	Education School	1		
Middle Years of Schooling Curriculum: English Part A	This course provides pedagogical content knowledge for students learning to become teachers of English in the Middle Years of Schooling. Expertise in applied curriculum is developed as students gain the necessary knowledge, skills and dispositions to plan for effective and innovative English teaching and learning in contemporary contexts.	Undergraduate	Semester 1, 2018	Education School	2		

Middle Years of Schooling Curriculum: Mathematics Part A	This course introduces students to theories of learning and teaching mathematics in the MYS (including junior secondary school), and develops practical skills relating to mathematics lesson planning, curriculum design and assessment. Future teachers of mathematics will frame and undertake practice-based curricular tasks establishing strategies for teaching and assessment that enhance students' connected mathematics knowledge and positive disposition towards mathematics learning. They will become familiar with current syllabus documents related to MYS mathematics, and the philosophy and research-derived principles upon which they are based. Please note: In semester 2, the course will run with a one hour tutorial only. There will be no lecture.	Undergraduate	Semester 1, 2018	Education School	2		
Middle Years of Schooling Curriculum: Science Part A	This course provides pedagogical content knowledge and curriculum knowledge for prospective teachers in the Middle Years of Schooling in relation to the Science Key Learning Area. A variety of contexts are used to explore a range of appropriate teaching models and authentic assessment techniques in line with current approaches to teaching in the middle years. There is emphasis on the integration of information and communication technologies into teaching practice as well as integration of topics between key learning areas.	Undergraduate	Semester 1, 2018	Education School	2		
Middle Years of Schooling Curriculum: Teaching Social Education Part A	This course prepares students to teach the Australian History, Geography and Civics and Citizenship curricula in Upper Primary and Junior Secondary. It is also designed to give students the knowledge and skills to highlight the General Capabilities of Critical and Creative Thinking, Ethical Behaviour and Intercultural Understanding as well as the Cross Curriculum Priorities of Aboriginal and Torres Strait Islander Cultures and Histories, Sustainability and Australia's Engagement with Asia.	Undergraduate	Semester 1, 2018	Education School	2		

Introduction to Professional Practice	35 days supervised practicum. The practicum provides opportunities for purposeful supervised experiences to develop pre-service teachers' understandings of themselves as teachers, the students they will teach, the contexts in which they will teach, and the teaching/learning process. During the practicum program, pre-service teachers will learn to work with a range of learners with diverse needs and abilities, in a variety of social, cultural and geographical contexts. It represents the beginning of a developmental continuum where students increasingly take on the roles and responsibilities of teachers. As this course contains a professional experience component in a school it has been permission listed so that Blue Card status checks can be completed prior to enrolment. To obtain permission to enrol in this course: 1. Complete and submit the Professional Experience Registration Form when directed 2. Wait for email of notification of the outcome of your request 3. If accepted, log-in to mySI-net and add the course to your enrolment as soon as you receive the email or as soon as enrolments open, whichever occurs first. You will not be added to the list of students requiring a placement until you have added the course to your enrolment, therefore it is advisable to seek permission as soon as you receive notification that the Professional Experience Preference form is available. Late enrolment (any time up to 4 weeks prior to, or any time after, commencement of the course) may not be accepted.	Undergraduate	Semester 1, 2018	Education School	1		

Professional Practice	40 days supervised practicum. The practicum builds on Introduction to Professional Practice and broadens opportunities for purposeful supervised experiences to develop pre-service teachers' understandings of themselves as teachers, the students they will teach, the contexts in which they will teach, and the teaching/learning process. It enables students to move from high levels of support to practice that is both autonomous and collaborative, refining and extending their knowledge about teaching in secondary school contexts. As this course contains a professional experience component in a school it has been permission listed so that academic and Blue Card status checks can be completed prior to enrolment. To obtain permission to enrol in this course: 1. Complete and submit the Professional Experience Registration Form when directed 2. Wait for email of notification of the outcome of your request 3. If accepted, log-in to mySI-net and add the course to your enrolment as soon as you receive the email or as soon as enrolments open, whichever occurs first. You will not be added to the list of students requiring a placement until you have added the course to your enrolment, therefore it is advisable to seek permission as soon as you receive notification that the Professional Experience Registration form is available. Late enrolment (any time up to 4 weeks prior to, or any time after, commencement of the course) may not be accepted.	Undergraduate	Semester 1, 2018	Education School	2		
World Religions in Youth Cultures Part A	This course aims to introduce participants to history, psychology and sociology of some of the world's major religions. Participants will have the opportunity to engage in comparative studies of religion and modern culture and to develop a rich understanding of the varieties of religious experience. This course may not be offered if the enrolment is less than 10 students.	Undergraduate	Semester 1, 2018	Education School	2		

New Developments in the Middle Years of Schooling Part A	This course introduces students to some of the new developments taking place in the middle years of schooling in Australia. The course will examine some of the reasons for reform in the 'middle years', particularly in light of research that challenges the relevance and effect of traditional curricular and pedagogical practices for young adolescents and increasing concern about student underachievement and disaffection from school. The scond part of the course will examine how systems and schools are responding to the call for reform in the middle years. Case studies of a range of middle schooling practices wil be analysed. The analysis wil focus on specific developments in curriculum, pedagogy and assessment in these case study schools and the implications of these reforms for students' academic and social outcomes. This course may not be offered if the enrolment is less than 10 students.	Undergraduate	Semester 1, 2018	Education School	2		
Introduction to Career Development: Assisting Students Building Careers	Teachers are important influences in the lives of young people. As students transition through and from school and consider their career decisions, teachers may provide them with support. This course provides pre-service teachers with an introduction to career development and to career information and career resources commonly used in schools. In addition, the course introduces students to a range of interview and helping skills that may be used to support students and parents.	Undergraduate	Semester 1, 2018	Education School	2		
Business: Curriculum Foundations Part A	This course is designed to challenge pre-service teachers to use their knowledge, expertise and experience to design learning environments that will engage students in the learning process and cater for a variety of learning styles. Focusing on curriculum content and instructional approaches to teaching of junior secondary school business studies; draws knowledge and perspectives from fields of economics, accounting and management studies.	Undergraduate	Semester 1, 2018	Education School	2		

English: Curriculum Foundations Part A	This course is designed to challenge pre-service teachers to use their knowledge, expertise and experience to design learning environments that will engage students in the learning process and cater for a variety of learning styles. It is designed to prepare students to teach junior secondary school English and a range of English education subjects in secondary schools.	Undergraduate	Semester 1, 2018	Education School	2		
Languages: Curriculum Foundations	The course introduces beginning teachers to a broad range of theoretical and practical issues involved in the teaching and learning of languages in the middle and senior phases of schooling in Queensland.	Undergraduate	Semester 1, 2018	Education School	2		
Mathematics: Curriculum Foundations	This course introduces students to theories and practices of learning and teaching mathematics in the secondary school, and develops practical skills motivating students, developing learning activities, lesson planning and presentation, curriculum and assessment in the context of the Australian Curriculum: Mathematics (Years 7-10). Students will be encouraged to develop their identities as beginning teachers whose responsibilities extend well beyond the classroom and the school to include interaction with other professionals, students, families, and the community surrounding the school.	Undergraduate	Semester 1, 2018	Education School	2		
Music: Curriculum Foundation	This course is designed to equip students with the knowledge and skills necessary for confident and successful teaching within the classroom music education context. Principles and strategies of teaching primary and secondary school music curriculum. Development of improvisational skills. School-based assessment.	Undergraduate	Semester 1, 2018	Education School	1		
Music: Curriculum Foundation	This course is designed to equip students with the knowledge and skills necessary for confident and successful teaching within the classroom music education context. Principles and strategies of teaching primary and secondary school music curriculum. Development of improvisational skills. School-based assessment.	Undergraduate	Semester 2, 2018	Education School	1		

Science: Curriculum Foundations	This course is organised into three modules: the first focusses on pedagogical approaches, technology, materials and media appropriate for teaching science in years 7 to 10. The second and third modules focus on development of curriculum, assessment and pedagogical approaches to practical - or activity-based settings.	Undergraduate	Semester 1, 2018	Education School	2		
Humanities and Social Sciences: Curriculum Foundations	This course prepares students to teach the Australian History, Geography and Civics and Citizenship curricula in Upper Primary and Junior Secondary. It is also designed to give students the knowledge and skills to highlight the General Capabilities of Critical and Creative Thinking, Ethical Behaviour and Intercultural Understanding as well as the Cross Curriculum Priorities of Aboriginal and Torres Strait Islander Cultures and Histories, Sustainability and Australia's Engagement with Asia.	Undergraduate	Semester 1, 2018	Education School	2		
Asian Languages: Specialist Teaching Area	The course focuses on the practical issues involved in the teaching and learning of Asian Languages [Chinese, Japanese, Indonesian] in the middle and senior phases of schooling in Queensland. Each language specialisation is subject to adequate enrolments.	Undergraduate	Semester 1, 2018	Education School	2		
Biology: Specialist Teaching Area	This course places emphasis on curriculum, assessment, pedagogy, language and literacy relevant to biological science in the senior phase of schooling.	Undergraduate	Semester 1, 2018	Education School	2		
Business Management and Business Communication Technologies: STA Part A	This course is designed to challenge students to use their knowledge, expertise and experience of the business area to design learning environments that will engage student sin the learning process and cater for a variety of learning styles. This course may not be offered if the enrolment is less than 10 students.	Undergraduate	Semester 1, 2018	Education School	2		

Chemistry: Specialist Teaching Area	This course is designed to challenge pre-service teachers to use their knowledge, expertise and experience to design learning environments that will engage students in the learning process and cater for a variety of learning styles. This includes the application of principles and methods of curriculum development, implementation and assessment to chemistry; preparing curriculum materials and their rationales: observations of teaching.	Undergraduate	Semester 1, 2018	Education School	2		
Drama: Specialist Teaching Area	This course introduces students to theories of learning and teaching drama in the secondary school and develops practical skills in lesson planning and presentation, curriculum design and assessment. It is designed to challenge pre-service teachers to use their knowledge, expertise and experience to design learning environments that will engage students in the learning process and cater for a variety of learning environments.	Undergraduate	Semester 2, 2018	Education School	2		
Economics: Specialist Teaching Area	This course is designed to challenge preservice teachers to use their knowledge, expertise and experience to design learning environments that will engage students in the learning process and cater for a variety of learning styles. Participants learn to cooperatively and critically plan, design, implement and review the implementation of the Economics syllabus in year 11 and 12 classrooms. This includes developing teaching and learning strategies and curriculum materials. This course may not be offered if the enrolment is less than 10 students.	Undergraduate	Semester 1, 2018	Education School	2		
English: Specialist Teaching Area	This course is designed to challenge preservice teachers to use their knowledge, expertise and experience to design learning environments that will engage students in the learning process and cater for a variety of learning styles. This includes the principles and methods of curriculum development, implementation and assessment applied to teaching of English in secondary schools; preparing curriculum materials and their rationales; observations of teaching; examination of current issues in English teaching.	Undergraduate	Semester 1, 2018	Education School	2		

English as a Second Language: Specialist Teaching Area	This course is designed for Bachelor of Education (secondary) and Graduate Diploma in Education students who will teach English as a Second Language (ESL) to students of non-English speaking backgrounds (NESB) within junior and senior secondary school. Students will develop skills in the practice of classroom teaching, in the development and planning of units of work and assessment, and in the development of course materials, including resources aimed at developing literacy skills. This course may not be offered if the enrolment is less than 10 students.	Undergraduate	Semester 1, 2018	Education School	2		
European Languages: Specialist Teaching Area	The course focuses on the practical issues involved in the teaching and learning of European Languages [French, German, Italian, Spanish] in the middle and senior phases of schooling in Queensland. Each language specialisation is subject to adequate enrolments.	Undergraduate	Semester 1, 2018	Education School	2		
Geography: Specialist Teaching Area	This course is designed to challenge preservice teachers to use their knowledge, expertise and experience to design learning environments that will engage students in the learning process and cater for a variety of learning styles. It is a practical course designed to provide an initiation into the teaching of geography in secondary schools, with special reference to years 11 and 12 in Queensland. Studies include practical training in teaching skills and development of assessment items.	Undergraduate	Semester 2, 2018	Education School	2		
History: Specialist Teaching Area	This course is designed to challenge pre-service teachers to use their knowledge, expertise and experience to design learning and thinking environments that will engage students in the learning process and cater for a variety of learning styles. This includes the application of principles and methods of curriculum development, thinking and learning pedagogies, design of unit plans, lesson plans and assessment instruments and knowledge and application of QCAA syllabi and protocols.	Undergraduate	Semester 2, 2018	Education School	2		

Legal Studies: Specialist Teaching Area	This course is designed to challenge preservice teachers to use their knowledge, expertise and experience to design learning environments that will engage students in the learning process and cater for a variety of learning styles. This includes the development of practical skills and understanding of approaches to teaching legal studies and preparing practical curriculum materials across range of topics covered in senior legal studies.	Undergraduate	Semester 1, 2018	Education School	2		
Mathematics: Specialist Teaching Area	This course introduces students to theories of learning and teaching mathematics in the secondary school, and develops practical skills relating to lesson planning and presentation, curriculum design and assessment in the context of the Senior Mathematics Syllabuses and Study Area Specifications. Attention is also given to current issues in mathematics education, such as the numeracy, mathematical thinking, applications in real life contexts, and technologies in mathematics teaching and learning.	Undergraduate	Semester 1, 2018	Education School	2		
Film, Television and the New Media: Specialist Teaching Area	This course is designed to challenge preservice teachers to use their knowledge, expertise and experience to design learning environments that will engage students in the learning process and cater for a variety of learning styles. It introduces students to theories of learning and teaching media studies in the secondary school and develops practical skills relating to lesson planning and presentation, curriculum design and assessment. This course may not be offered if the enrolment is less than 10 students.	Undergraduate	Semester 1, 2018	Education School	2		
Music: Specialist Teaching Area	This course is designed to equip students with the knowledge and skills necessary for confident and successful teaching within the specific music education context. This includes theories, principles and strategies of teaching secondary school music curriculum.	Undergraduate	Semester 1, 2018	Education School	2		
Music: Specialist Teaching Area	This course is designed to equip students with the knowledge and skills necessary for confident and successful teaching within the specific music education context. This includes theories, principles and strategies of teaching secondary school music curriculum.	Undergraduate	Semester 1, 2018	Music School	2		

Music-Choral: Specialist Teaching Area	This course is designed to equip students with the knowledge and skills necessary for confident and successful choral music instruction within schools. This includes principles and strategies of teaching within both secondary and primary school contexts.	Undergraduate	Semester 1, 2018	Education School	2		
Music-Instrumental: Specialist Teaching Area	This course is designed to equip students with the knowledge and skills necessary for confident and successful teaching within the specific instumental music education context. This includes principles and strategies of teaching secondary and primary instrumental school music curriculum.	Undergraduate	Semester 2, 2018	Education School	2		
Physics: Specialist Teaching Area	This course is designed to challenge preservice teachers to use their knowledge, expertise and experience to design learning environments that will engage students in the learning process and cater for a variety of learning styles. This includes the application of principles and methods of curriculum design to development of appropriate classroom strategies, assessment techniques, learning materials and relationships, to achieve effective learning.	Undergraduate	Semester 1, 2018	Education School	2		
Science 21, Earth and Environmental Science: Specialist Teaching Area	This course is designed to challenge preservice teachers to use their knowledge, expertise and experience to design learning environments that will engage students in the learning process and cater for a variety of learning styles. This includes the understanding of and skills to teach, multi-strand science to broad range of students to Year 12. Includes design principles, teaching strategies and assessment criteria.	Undergraduate	Semester 1, 2018	Education School	2		
Learning Support: Specialist Teaching Area Part A	This course is designed to challenge preservice teachers to use their knowledge, expertise and experience to design learning environments that will engage students in the learning process and cater for a variety of learning styles. It is designed to give students who intend to teach in secondary schools the philosophies and practices underlying inclusive practices for children with diverse learning needs in regular schools: curricula, adjustments, classroom organisation and management and assessment and evaluation.	Undergraduate	Semester 1, 2018	Education School	2		

Supervised Project: Specialist Teaching Area	This course is only available to students in the Professional Year of the Bachelor of Education (Secondary) or the Graduate Diploma in Education (Secondary). Students who have two European languages or two Asian languages as their teaching areas enrol in this course for their second European or Asian language.	Undergraduate	Semester 1, 2018	Education School	2		
Aboriginal and Torres Strait Islander Studies: Specialist Teaching Area	This course is designed to challenge preservice teachers to use their knowledge, expertise and experience to design learning environments that will engage students in the learning process and cater for a variety of learning styles. This includes the development of cultural awareness and sensitivity; applications of principles and methods of curriculum development, implementation and assessment to Aboriginal and Torres Strait Islander studies. This course is offered subject to adequate enrolments.	Undergraduate	Semester 1, 2018	Education School	2		
Study of Religion: Specialist Teaching Area	This course is designed to challenge pre-service teachers to use their knowledge, expertise and experience to design learning environments that will engage students in the learning process and cater for a variety of learning styles. It aims to introduce participants to the history, psychology and sociology of some of the world's major religions. Participants will have the opportunity to develop resources and skills to teach the study of religion curriculum offered in Queensland schools.	Undergraduate	Semester 1, 2018	Education School	2		
Study of Society: Specialist Teaching Area	This course is designed to challenge preservice teachers to use their knowledge, expertise and experience to design learning environments that will engage students in the learning process and cater for a variety of learning styles. The discipline base of Study of Society derives from the multiple perspectives provided by sociology, anthropology, social psychology and the sociology of politics and the law. Preservice teachers completing this course will be prepared to teach the Study of Society curriculum area offered in some schools. This course may not be offered if the enrolment is less than 10 students.	Undergraduate	Semester 1, 2018	Education School	2		

Dilemmas of Development: Risks of Youth	This course explores the dilemmas facing, and risks for, young people growing up in the 21st century, with particular focus on the diversity of young people and the recent social, economic, cultural and technological changes affecting the lives of Australia's young people. Attention will be given to biological, cognitive, and psychological developments and the implications these have for identity formation. Particular issues such as mental health, sexuality, disability, substance use, employment prospects and the variations in young people's experiences will be addressed. A range of theoretical approaches to adolescent development will also be discussed. Students will examine how social agents such as family, peers, and community networks may help youth buffer the stresses of finding one's place in society and the relevance of transitional phases for intervening. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 1, 2018	Education School	1		
On the Edge: Identifying and Assisting Students at Risk	Addresses a range of school-based emotional and behavioural problems (e.g., disruptive behaviour, aggression, bullying, delinquency, anxiety and depression, eating disorders, risk-taking behaviours, truancy) that occur in the school-aged population (6-18 years). Social, environmental, and medical inter-agency sources of the problems are examined, via contemporary theory frames and analytical tools. Skills in identification, assessment and management of specific problem issues are developed using a problem-based approach. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Education School	1		
Promoting Positive Student Behaviour in Educational Contexts	This course is designed to provide students with the knowledge and skills required to develop and implement programs for the management of student behaviours. Student behaviour problems will be examined from individual, group and system perspectives. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 1, 2018	Education School	1		

Tasks & Tests: Individual Assessment	On completion of this course students will have an understanding of the psychometric underpinnings of standardized instruments, will have demonstrated their capacity to effectively evaluate such an instrument, and have had an opportunity to become familiar with a range of instruments useful in individual assessment. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Education School	1		
Counselling in Professional Contexts: Helping Groups and Individuals	This course is designed to develop attitudes and skills that will enable students to use the basic skills of counselling in different professional contexts. Counselling process models are examined. All internal and external students must attend a compulsory workshop held early in the semester (usually the weekend of Week 1). Details are provided in the Electronic Course Profile. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 1, 2018	Education School	1		
Career Guidance: Counselling for Life Planning	Designed to equip students with a theoretical knowledge of career development and the knowledge & skills required to plan, develop, & implement career guidance & counselling programs across different educational & work settings. A major focus of this course will be its application to the particular setting in which the students work. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Education School	1		
Proactive Interventions in Guidance, Counselling and Careers	Designed to provide students with a sound understanding of the theoretical and practical basis for designing and implementing guidance and counselling interventions used in individual, group, and systemic contexts. Students will be provided with instruction and reading in counselling theories and specialised counselling interventions. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 1, 2018	Education School	1		

Practicum in Guidance & Counselling	Provides students who are training to become professional counsellors with the opportunity to synthesize & integrate the knowledge & skills gained in prior & concurrent learning experiences & apply them in practical settings. This subject acts as a vehicle for students' professional growth & development as a counsellor. Students commencing in sem 1 enrol in EDUC7011 in both semester 1 and 2 of the same year. Students commencing in sem 2 enrol in EDUC7012 in semester 2 plus semester 1 of the following year.	Postgraduate Coursework	Semester 1, 2018	Education School	2		
Practicum in Guidance & Counselling	Provides students who are training to become professional counsellors with the opportunity to synthesize & integrate the knowledge & skills gained in prior & concurrent learning experiences & apply them in practical settings. This subject acts as a vehicle for students' professional growth & development as a counsellor. Students commencing in sem 1 enrol in EDUC7011 in both semester 1 and 2 of the same year. Students commencing in sem 2 enrol in EDUC7012 in semester 2 plus semester 1 of the following year.	Postgraduate Coursework	Semester 2, 2018	Education School	2		
Creating classrooms of the future with digital technologies across learning areas	This course explores the barriers and enablers around integrating educational technologies into classroom practices both now and into the future. It offers you an opportunity to engage with contemporary research, theories, technologies and practice-based models in order to develop and refine your own pedagogical vision and approaches to technology-enhanced teaching and learning practices. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Education School	1		
Cognition and Learning	This course examines current theory and research in learning and the implications of this work for teaching and learning in educational contexts. It looks at ways for teachers to enhance both their own learning as well as the learning of their students. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 1, 2018	Education School	1		

Professional Development, Mentoring & Supervision	This course focuses on building knowledge and skills for teachers and administrators in supervision and mentoring. The course will enable students to facilitate teachers' professional growth at all stages of their teaching careers including preservice teaching, beginning teaching and inservice teaching. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Education School	1		
Special Topics in Education	Elective project for students enrolled in Master of Educational Studies. Project topics are confined to specialised research & teaching interests of permanent staff of the School of Education. Students must choose and approach a potential supervisor. Projects are negotiated with supervisors and typically take the form of literature reviews. Students and supervisors together complete the Application to Undertake a Supervised Research Project Form located on the School website (Calendars, Forms, Handbooks). Forms should be submitted two weeks prior to the enrolment due date for the chosen semester to the Administrative Officer. Subsequent for approval to undertake the project being received from the School of Education, students enrol in the course. Students are expected to maintain contact with their supervisor. Contact times for internally enrolled students must be arranged with the supervisor at the commencement of semester.	Postgraduate Coursework	Semester 2, 2018	Education School	2		

Guided Study: Educational Investigation	Elective project for students enrolled in Master of Educational Studies. Project topics are confined to specialised research & teaching interests of permanent staff of the School of Education. Students must choose and approach a potential supervisor. Projects are negotiated with supervisors and typically take the form of literature reviews. Students and supervisors together complete the Application to Undertake a Supervised Research Project Form located on the School website (Calendars, Forms, Handbooks). Forms should be submitted two weeks prior to the enrolment due date for the chosen semester to the Administrative Officer. Subsequent for approval to undertake the project being received from the School of Education, students enroll in the course. Students are expected to maintain contact with their supervisor. Contact times for internally enrolled students must be arranged with the supervisor at the commencement of semester.	Postgraduate Coursework	Semester 2, 2018	Education School	2		
TESOL Curriculum & Pedagogy: Classroom Strategies	This course provides tools and critical perspectives for the analysis, development and use of curriculum materials in second language classrooms. It provides students with an overview of dominant and emergent approaches to the teaching of TESOL, hands-on review of instructional materials, and classroom instructional techniques and strategies. This course may not be offered if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Education School	1		
Critical Perspectives on TESOL in Educational Contexts	This course takes a critical perspective on current trends and issues in TESOL education internationally, with a specific focus on the problems and challenges of teaching TESOL in educational contexts. This course may not be offered if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 1, 2018	Education School	1		

Career Development In Practice: Constructing Careers	This course provides students with an overview of the multifaceted nature of career development practices that assist individuals to construct their careers including an introduction to career programs, career and labour market information, and the use of technology in career development. The career development practices covered in the course will be viewed through the lens of socially just and ethical practice. Consideration will be given to the diverse nature of client groups in the context of lifespan career development. Students will also give consideration to how they construct their own careers as professional, socially just and ethical practitioners. This course will not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Education School	1		
Foundation of the Science of Learning	The Foundations of the Science of Learning Course will provide an overview of the emerging field and its implications for teaching, learning and leading across the lifespan and in a range of contexts. It will explore the latest research in the field, how this can be translated into the various teaching, learning and leading contexts relevant to the participants, and will encourage discussion and reflection on how participants individually think about and support learning and teaching. Students will develop skills in the critical evaluation of Science of Learning literature and how to translate this into practical applications for teaching, learning and/ or leading. The course will be highly interactive with some of the content determined by the participants. Participants will be challenged to articulate through a variety of mediums how this research impacts their thinking and their practice, and will collaboratively develop a set of Learning, Teaching and Leading Principles exemplified through the course content and delivery. Participants in this course will be able to focus on areas of special interest to their field. These may include but are not limited to: creativity, leadership, music, art, language learning, technology, and learning difficulties.	Postgraduate Coursework	Semester 1, 2018	Education School	1		

Building Leadership Capacity: Bridging Theory and Practice in the Workplace	This course focuses on the key challenges in developing leadership capabilities - both for those in designated leadership roles in schools and those aspiring to such positions. The unit is oriented to the practice of leadership based on and informed by a theoretical base. Using international and national resources, case-studies and scenarios, students will be challenged to both reflect on current and likely future issues facing public schooling and public school leaders as well as identifying their own individual (and where appropriate their team) leadership development needs. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Education School	1		
Debates in Educational Leadership	This course examines contemporary theories about educational leadership within the rapidly changing and challenging contexts within which leadership is practised. Global, national and state influences on leadership practices are examined and critiqued. It provides critical understandings about leadership for those working in schools, educational and non-educational contexts. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 1, 2018	Education School	1		
Meeting the Challenges of Educational Change	Organisations (including schools) everywhere today are experiencing ongoing and discontinuous change. Despite the ubiquitous nature of change - reforms, restructurings, innovations - many are not implemented as originally conceived. This course examines the drivers of many of the changes in education today, identifies facilitators and barriers to successful change, and seeks to help students better understand some of the complexities of change processes in organisations today. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Education School	1		

Work, Careers and Educational Leadership	The world of work is changing, as is our relationship to paid work. In this course, the concept of career in the world today is examined. The course focuses on the individual student, their leadership and the executive competency of managing self. Issues of disadvantage and diversity are considered in a context of career and organisational life. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 1, 2018	Education School	1		
Teachers as Leaders and Innovators	This course critically examines the role of teachers in relation to leadership and innovation in the context of educational change. It considers the application of technology and blended learning to facilitate leadership and innovation. Contemporary theory is addressed and students will critically engage with key concepts of leadership, innovation, the use of technology in education and blended learning. The course explores indepth the possibilities of integrated and innovative use of technology and blended learning in educational settings, especially in relation to the provision of professional learning opportunities for colleagues. Students will build their skills and knowledge in the use of technology and blended learning throughout the course. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Education School	1		

Multiliteracies and Numeracy Across Learning Areas	Literacy and numeracy are key enabling skills for full and effective participation in and beyond school life. Literate and numerate citizens contribute to the functioning of society and hence literacy and numeracy are a fundamental aspect of education. Literacy and numeracy practices are performed in a multitude of diverse contexts. The term `multiliteracies' acknowledges both the socially diverse (i.e., diverse languages, communication styles and socio-cultural contexts) and multimodal (i.e., any combination of these modes: oral, visual, audio, written, spatial, gestural, tactile) nature of literacy and numeracy practices in the twenty first century. Based on international and Australian research and theory, this course explores multiliteracies meaning making across the curricula, whilst embracing the participatory disposition of today's learners, who interpret, understand, use and create multimodal texts that, for example, incorporate images, video clips, sound effects, music, animation or more specialized representations (mathematical formulas, graphs and tables etc.). Research tells us that it is important to understand how various literacies and various cultural traditions combine these different modalities to make meanings that are more than the sum of what each could mean separately. National and international educational policy recognises both literacy and numeracy as essential foundational skills for success in all learning areas. Teaching strategies to build literacy and numeracy competence as general capabilities for personal enablement, civic and economic participation and social equity are the main focus of this course. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Education School	1		

Cross-curricular Perspectives	This course explores contemporary issues associated with curriculum in schooling and education, with particular focus on various curriculum theories. It considers public debate and the range of rationales often put forward for curriculum renewal and reform. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 1, 2018	Education School	1		
Curriculum, Pedagogy and Assessment	EDUC7117 aims to (a) provide students with opportunities to explore contemporary theoretical and practical issues underpinning the Australian Curriculum, Pedagogy, and Assessment; (b) enable students to demonstrate comprehensive and in-depth knowledge of a specific curriculum topic; (c) reflect on, and inquire into, their own professional learning practices to seek ways to improve how students are engaged and supported as learners.	Postgraduate Coursework	Semester 1, 2018	Education School	1		
Development in Multiple Contexts	This course provides a framework for understanding the development of persons with disabilities. The particular focus is on the implications of recent ideas about individual differences, human variation and variability for policy and practice in education, psychology and other areas of human service delivery to persons with disabilities and their families. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Education School	1		

Teaching and Learning in Inclusive Settings	This course provides an overview of teaching and learning for individuals with a diverse range of abilities and needs in inclusive settings. It aims to develop understanding of what is required to facilitate the learning of a diverse range of students in the regular classroom. The course is designed to examine how teachers and others should assist students with a diverse range of abilities and needs in the regular classroom. An emphasis is on examining the use of Universal Design for Learning and differentiated instruction. The issue of the use of research-based approaches to teaching and learning is highlighted. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 1, 2018	Education School	1		
Educational Inquiry and Research: Evidence for Policies and Practices	This course critically examines the current importance of evidence for informing education policies and practices. Consideration is given to what constitutes evidence. Contemporary examples are critically examined, for example, the widespread use of testing data and comparative performance data within and across countries. The collection of and deployment of evidence to argue for change is considered by examining the complementary and conflicting interests of practitioners, scholars and decision makers. In particular the role of professional practitioners in generating evidence is considered in the context of the theory-practice relationship. Particular approaches to practitioner research, including action research and design research, are examined. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 1, 2018	Education School	1		

Educational Research Methods	This course critically examines the history of educational research and the ethical considerations necessary to balance the rights and responsibilities of researchers, participants and the community. It considers the epistemological assumptions of widely used research designs and the relationship between research questions and the choice of particular designs. The course explores indepth systematic practices and strategies that can improve the quality of research. The genres within which research is written and the communication of research to a variety of audiences are considered. Students will build their skills and knowledge in the conduct of educational research throughout the course. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Education School	1		
Supporting Teachers and their Students with Learning Difficulties - Practicum	This course is primarily a practical subject using a student's knowledge of the teaching of literacy and numeracy, and other content areas. It (a) provides students with the understandings and skills to successfully negotiate the day-to-day tasks required of support teachers, and (b) gives students an opportunity to use instructional practices while working with individual students or groups of students who have learning difficulties in schools. The focus is on the practical aspects of working in schools to assist in the provision of instruction for students with learning difficulties. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Education School	1		
Working with Students with Challenging Behaviours	This course will focus on challenging behaviour displayed in school settings. Theoretical approaches, empirical evidence, strategies for prevention and reduction of challenging behaviour will be discussed. The focus will be on students with Autism Spectrum Disorder, social and emotional disorders and intellectual impairment. This course may not be offered internally if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Education School	1		

Assessment, Planning and Instruction	The course aims to provide students with awareness of students' difficulties in learning, how these might be assessed, to plan instruction and to have the knowledge to design effective instruction to address learning in particular content areas. This course examines the relationship among assessment, planning and instruction and allows students to develop an understanding of how instruction is used to support students with learning difficulties in particular content areas. This course focuses on assessment, planning and instruction in the following content areas: Oral language, Early reading, Reading comprehension, Written language, Cognitive and metacognitive strategies and Numeracy/mathematics in relationship to students with learning difficulties. This course may not be offered internally if enrolment is less than 10 students.	Postgraduate Coursework	Semester 1, 2018	Education School	1		
Diversity and Inclusive Education	This course offers an introduction to the concept of diversity and to an understanding of inclusive education. Students will learn how schools and classrooms can support students with different needs in inclusive and responsive ways. Consideration is given to individuals with various disabilities and impairments, those with learning difficulties, those with exceptional gifts and talents, those at-risk and those with high support needs. Consideration will also be given to individuals from various backgrounds including race, ethnicity, culture and language.	Postgraduate Coursework	Semester 1, 2018	Education School	1		
Indigenous Knowledge and Education	This course is based on the principles inherent within the Indigenous worldview that proposes Indigenous pathways to knowledge as a necessary enhancement of teaching practice and a vital component of a balanced school curriculum. This course introduces the landscape of Indigenous education in Australia as a dialogue between Indigenous and non-Indigenous ways of knowing, pedagogical practices, voices and perspectives. The course explores the terrain of Indigenous Australian studies as a curriculum area and our work as teachers in relation to Indigenous Australian students.	Postgraduate Coursework	Semester 2, 2018	Education School	1		

Building Inclusive Primary Classrooms	Through a focus on recent developments in research into building inclusive primary classroom environments, this course prepares preservice teachers for supporting the diverse learning needs of all students in their future classroom contexts in inclusive and responsive ways. Critical reflection on legislative requirements and teaching strategies that support participation and learning of students across the full range of abilities and backgrounds (linguistic, cultural, religious and socioeconomic) will be demonstrated, with the aim of applying this knowledge with creativity and initiative to establish challenging learning goals for all students. Specific approaches for managing inclusive primary classrooms will be taught. This course offers approaches for the use of student data and strategies for working with others to action individual curriculum plans. At the same time, preservice teachers will have opportunities to build their capacity in their knowledge and pedagogical content knowledge in their subject specialisation area.	Postgraduate Coursework	Semester 2, 2018	Education School	1		
Teachers as Researchers	This course is designed as a capstone experience in the MTeach (Primary) program enabling students to plan, act and reflect as professionals. It includes an on-campus component and a research component associated with the practice teaching experience that follows. During the on-campus component, research principles and methods are introduced in the context of the need to act professionally, ethically and collegially to improve student learning and educational outcomes. Prior to and during the practice teaching experience that follows, students will consult with university staff to design and implement a research-based project directly related to their teaching at the school. In the process of completing this course, students will develop and demonstrate the professional, ethical and values-based standards and competencies required of beginning teachers.	Postgraduate Coursework	Semester 1, 2018	Education School	1		

Primary Professional Experience 1	Teaching is a multi-faceted profession. Becoming a teacher requires commitment and dedication to lifelong learning and personal growth through reflection. This course provides a further introduction to school life through workshops and 10 days of school visits. Observation of practice will be provided to enable the opportunity for personal development and growth. Furthermore, practice in the design and implementation of lessons will also be a feature of this course. Therefore the focus of this course is on the development of lesson plans with further development of observation skills and understanding the importance of communication in a school context. This course is developmental and builds on EDUC1715 and provides a basis for the subsequent courses, EDUC2714, EDUC3714 and EDUC4714. The course will also build on and incorporate knowledge developed across Years 1 and 2 of the Bachelor of Education program. As this course contains a professional experience component in a school it has been permission listed so that academic and Blue Card status checks can be completed prior to enrolment. To obtain permission to enrol in this course: 1. Complete and submit the Professional Experience Registration Form when directed 2. Wait for email notification of the outcome of your request 3. If accepted, log-in to mySI-net and add the course to your enrolment as soon as you receive the email or as soon as enrolments open, whichever occurs first. You will not be added to the list of students requiring a placement until you have added the course to your enrolment, therefore it is advisable to seek permission as soon as you receive notification that the Professional Experience Preference form is available. Late enrolment (any time up to 4 weeks prior to, or any time after,	Postgraduate Coursework	Semester 1, 2018	Education School	1		

Primary Professional Experience 2	Becoming a teacher requires commitment and dedication to lifelong professional learning and personal growth through critical reflection. This course provides a further introduction to teaching through workshops and a 20-day block practicum. Observation of practice will be provided to enable the opportunity to improve practice. Practice in the design and implementation of units/lessons will also be a feature of this course. The focus of this course is on the relationship between the national professional standards for graduate teachers and the work of a teacher. This course is developmental and builds on EDUC7530, providing a basis for the subsequent course, EDUC7540. The course will also build on and incorporate knowledge developed across the first and second semesters of the Master of Teaching (Primary) program. Blue Cards current through the period of the practicum are mandatory. As this course contains a professional experience component in a school it has been permission listed so that academic, pre-service teacher risk assessment and Blue Card status checks can be completed prior to enrolment. To obtain permission to enrol in this course: 1. Complete and submit the Professional Experience Form when directed 2. Wait for email of notification of the outcome of your request 3. If accepted, log-in to mySI-net and add the course to your enrolment as soon as you receive the email or as soon as enrolments open, whichever occurs first. You will not be added to the list of students requiring a placement until you have added the course to your enrolment, therefore it is advisable to seek permission as soon as you receive notification that the Professional Experience Preference form is available. Late enrolment	Postgraduate Coursework	Semester 2, 2018	Education School	1		

Primary Professional Experience 3	30 days supervised practicum. The practicum provides opportunities for purposeful supervised experiences to develop pre-service teachers' understandings of themselves as teachers, the students they will teach, the contexts in which they will teach, and the teaching/learning process. During the practicum program, pre-service teachers will work with a range of learners with diverse needs and abilities, in a variety of social, cultural and geographical contexts. It represents a movement along a developmental continuum where students increasingly take on the roles and responsibilities of teachers to enter a phase of critical reflection and evaluation of their growth and development. From this course, students will be prepared to continue along the continuum of lifelong learning, engaging in professional learning to improve practice. As this course contains a professional experience component in a school it has been permission listed so that academic, pre-service teacher risk assessment and Blue Card status checks can be completed prior to enrolment. To obtain permission to enrol in this course: 1. Complete and submit the Professional Experience Registration Form when directed 2. Wait for email of notification of the outcome of your request 3. If accepted, log-in to mySI-net and add the course to your enrolment as soon as you receive the email or as soon as enrolments open, whichever occurs first. You will not be added to the list of students requiring a placement until you have added the course to your enrolment, therefore it is advisable to seek permission as soon as you receive notification that the Professional Experience Preference form is available. Late enrolment (any time up to 4 weeks prior to, or any time after,	Postgraduate Coursework	Semester 1, 2018	Education School	1		

Teaching English 1	This course is one of two courses within the MTeach (Primary) that focus on the teaching and learning of Literacy and English. Three interrelated aspects of the teaching profession provide a developmental framework for the courses: knowing yourself as a literacy/English teacher; knowing your students; and knowing the disciplinary content of subject English as well as the place of literacy teaching and learning within other curriculum areas. In this course students will develop a repertoire of teaching strategies and practices related to the teaching of English; identify a range of assessment techniques and strategies suitable for diverse contexts; and build their knowledge of key concepts related to literacy and the discipline of English.	Postgraduate Coursework	Semester 1, 2018	Education School	1		
Teaching English 2	This course is the second in a series of two courses within the Masters of Teaching (Primary) degree that focus on the teaching and learning of Literacy and English. Three interrelated aspects of the teaching profession provide a developmental framework for the two courses: knowing yourself as a literacy/English teacher; knowing your students; and knowing the disciplinary content of the subject English as well as the place of literacy teaching and learning within other curriculum areas. In this course students will develop their role as a critical and reflective practitioner through participation in an online professional community of educators, expand their disciplinary knowledge of English and literacy, and prepare units of work that reflect current curriculum frameworks and policies as well as engage students from diverse backgrounds in intellectually challenging learning experiences.	Postgraduate Coursework	Semester 1, 2018	Education School	1		
Health, Well-being and Education Pedagogical Content	Appropriate health behaviours and minimising health risk behaviours are the concern of compulsory school education. This course enables pre-service teachers to both understand and utilise the idea of the social view of health, and provides primary preservice teachers with advanced understanding and application of contemporary health education principles and pedagogical practices within the complex contexts of current Australian schooling.	Postgraduate Coursework	Semester 1, 2018	Education School	1		

Introduction to Teaching Mathematics	EDUC7565 Introduction to Teaching Mathematics is the first of two Mathematics Curriculum courses in the Master of Teaching (Primary) program. The course prepares preservice teachers to be effective classroom teachers through a comprehensive introduction to the learning and teaching of Mathematics across the primary years. Teaching Mathematics requires specific knowledge, understanding and skills in interpreting the Mathematics Curriculum and developing a wide range of pedagogies and strategies. Throughout the course, preservice teachers will experience the process of immersion in Mathematics concepts through diverse activities and pedagogies to develop understanding of implications for student learning and teaching. This course will introduce the Australian Mathematics Curriculum across primary year levels and content strands. How Mathematics is used across the curriculum in Numeracy contexts and use of ICT to enhance learning and teaching will also be presented. The course emphasises the importance of research and evidence-based practice to inform the learning and teaching process.	Postgraduate Coursework	Semester 1, 2018	Education School	1		

Teaching Mathematics 1	Teaching Mathematics 1 is the second of two Mathematics Curriculum courses in the Master of Teaching (Primary) program. The course develops knowledge of Mathematics through engagement with curriculum and appropriate pedagogical, assessment and reporting methods. Preservice teachers will be provided with opportunities to extend their knowledge and understanding of relevant curriculum documents. Preservice teachers will engage with relevant research literature to inform their learning and assessments. They will be presented with relevant curriculum content and a range of strategies for: planning effective learning and teaching; assessing student learning; and providing feedback and reporting on student learning. Through the inclusion of key topics and issues in Mathematics Curriculum, preservice teachers will develop knowledge and understanding of relevant national curriculum requirements and policy documents. They will be presented with opportunities to develop their ability to plan learning and teaching sequences for primary year levels.	Postgraduate Coursework	Summer Semester, 2	Education School	1		
Teaching Science	This course provides pedagogical content knowledge and curriculum knowledge for prospective primary teachers in the Science learning area. A variety of contexts are used to explore a range of appropriate teaching models, and authentic assessment techniques in line with current approaches to teaching in the primary school. There is emphasis on the integration of information and communication technologies (ICTs) into all areas of teaching practice as well as integration of topics between key learning areas. No specific science content knowledge background will be assumed. However students are expected to work outside class, expanding, critically examining and developing their science knowledge.	Postgraduate Coursework	Semester 2, 2018	Education School	1		

Teaching the Arts	This course will develop preservice teachers&#x27 understanding of Arts education in the primary years of schooling and their knowledge and skills in relation to content and appropriate teaching strategies associated with relevant Queensland and Australian Arts Curriculum. Grounded in theoretical understandings of the Arts as creative, aesthetic and embodied practice, this course explores philosophies and pedagogies which support learning and teaching in the five Arts strands: Dance, Drama, Music, Media Arts, and Visual Arts. Throughout this course, preservice teachers will be encouraged to develop their capacities and competencies as teachers, artists and researchers in the field of Arts education. This will be done by providing space for preservice teachers to explore Arts education as praxis (theory and practice). They will be presented with Arts education as interdisciplinary practice in specialist, generalist and integrated learning contexts. Particular attention will be given to engagement in Arts as a way to develop respect for, and knowledge and understanding of Aboriginal and Torres Strait Islander histories, cultures and languages. This course will place emphasis on ensuring that preservice teachers are able to competently design, implement, assess and evaluate primary Arts programs in relation to the processes of: creating and making, exploring, and responding to, in the primary Arts Curriculum. Preservice teachers will be provided with opportunities to enhance their literacy and numeracy teaching strategies and application in the Arts Learning Area.	Postgraduate Coursework	Summer Semester, 2	Education School	1		

Teaching Technologies in the 21st Century	Technologies&#x2c Design and Technologies, and Digital Technologies&#x2c is an important Learning Area for developing primary students&#x27 general capabilities including Literacy, Numeracy, Critical and Creative Thinking, Personal and Social Capability, Ethical Understanding, and Information and Communication Technology (ICT) Capability. This course develops preservice teachers&#x27 understandings of the Australian Curriculum: Technologies subject areas in the primary years, as well as relevant approaches to the use of curriculum, pedagogy, and assessment for teaching Technologies. Preservice teachers will be presented with effective teaching strategies for classroom practice that align with current approaches in the early, middle and upper primary years of learning. Working in teams, preservice teachers will undertake practical and hands-on curriculum-based tasks that develop deep understandings of Technologies and the teaching of these subject areas. They will also develop knowledge and understanding of effective strategies to provide opportunities for primary students to develop, practise, and apply skills of literacy and numeracy throughout Technologies education.	Postgraduate Coursework	Summer Semester, 2	Education School	1		

Literacy within and across the Curriculum	Literacy is essential for students to be successful in and out of school and to participate effectively in society. Literacy involves more than engagement with traditional texts that require skills in reading, writing, speaking, listening and viewing that encompasses the knowledge, skills and disposition to use language confidently for different purposes in a variety of contexts. In this course, students will discuss and critique contemporary theories and issues for teaching and learning literacy in the 21st century. They will reflect on their own personal literacy capabilities and their role as a teacher of literacy in their teaching areas. They will also investigate how literacy is represented in different teaching areas in curriculum documents. The course will enable students to understand how they can support students with diverse needs in their teaching area to become powerful language users able to effectively comprehend, compose and create texts ? including digital and multimodal texts through judicious selection and evaluation of resources and pedagogies. Students will also develop their skills in research, critical analysis, evaluation and communicating with others.	Postgraduate Coursework	Semester 1, 2018	Education School	1		

Numeracy Across the Curriculum	Numeracy is the capacity to deal effectively with the mathematical demands of life and is necessary for personal enablement, effective civic and economic participation, and social equity. Drawing on contemporary literature, this course will explore the nature of numeracy, what it means to be numerate in the 21st century, and how all teachers can contribute to developing the numeracy capabilities of their students. The importance of numeracy is recognised in the Australian Curriculum where it is a General Capability to be developed in subjects across the curriculum. Pre-service teachers will be provided with opportunities to develop the appropriate knowledge and teaching strategies to analyse curriculum documents and effectively deal with inherent numeracy demands and numeracy learning opportunities that exist in learning areas. Theoretical knowledge will be applied to develop pedagogical knowledge for designing effective numeracy tasks and strategies for assessing numeracy learning. As this course contains a professional experience component in a school it is permission listed so that academic, preservice teacher risk assessment Blue Card status checks can be completed prior to enrolment.	Postgraduate Coursework	Semester 1, 2018	Education School	1		

Contemporary Theories of Development and Learning	This course engages pre-service teachers in an analysis of historical and recent developments in research that furthers our understandings of physical, social-emotional, and intellectual development. Critical knowledge and understanding of the science of learning, and the mind, drawing distinctions between psychological, biological and socio-cultural viewpoints, will be required. A particular focus of the course will be the developmental and contextual characteristics of students during early childhood, middle childhood and the adolescent years and how these may affect student learning and engagement. Pre-service teachers will demonstrate the application of knowledge and skills to practice by understanding the importance of the state of the learner for optimal learning and engagement. Consideration will be given to the importance of parent engagement in the educative process and strategies for maximising this engagement. This will include identifying strategies that are responsive to the learning strengths and needs of each student and that build a supportive, safe and inclusive educational environment.	Postgraduate Coursework	Semester 1, 2018	Education School	1		
Teachers as Educational Innovators and Agents of Change	This course will explore strategies to support your development as a future educational innovator and agent of change in classrooms and schools. Within this broader context, the enactment of innovation and change is explored within (i) the expansion of curriculum learning opportunities for and engagement of students through the implementation of teaching strategies using ICT; (ii) evaluation of teaching programs; and (iii) the improvement of teaching practice through engagement in professional learning. Preservice teachers will also consider practical implementation of safe, responsible and ethical use of ICT in learning and teaching.	Postgraduate Coursework	Semester 2, 2018	Education School	1		

Building Professional Knowledge	This course provides an introduction to school life through workshops and 10 day (5 single days and a 5 day block) of professional experience. Teaching is a multi-faceted profession and schools are complex environments that are driven and influenced by numerous stakeholders in the educative process. Being school ready is an important first step in the journey to becoming a graduate teacher. The course is designed to generate knowledge and understanding of the school environment, allow preservice teachers to investigate and analyse the duties and responsibilities of being a teacher, including supporting student health and wellbeing, and provides the opportunity to understand the importance of communication within a school context. A four week module within the course will focus specifically on building preservice teachers? health knowledge, and engages with such topics as child protection, community partnerships in health, students? mental health and wellbeing, and maintaining teachers? own health and wellbeing. There will also be a focus on the development of critical skills for both the observation and planning of lessons, and segments of lessons. Students will be required to critically reflect on their personal teaching philosophy after their first professional experience. This course is developmental and links to EDUC7615 and EDUC7625, providing a basis for these subsequent courses by demonstrating the importance of creativity and initiative in teaching. The course will also build on and apply knowledge developed across the first year of the Master of Teaching (Secondary) program. As this course contains a professional experience component in a school it is permission listed so that academic, preservice teacher risk assessment Blue Card status checks can be completed prior to enrolment.	Postgraduate Coursework	Semester 2, 2018	Education School	1		

Building Inclusive Secondary Classrooms	Through a focus on recent developments in research into building inclusive classroom environments, this course prepares pre-service teachers for supporting the diverse learning needs of all students in their future classroom contexts in inclusive and responsive ways. Critical reflection on legislative requirements and teaching strategies that support participation and learning of students across the full range of abilities and backgrounds (linguistic, cultural, religious and socioeconomic) -will be demonstrated, with the aim of applying this knowledge with creativity and initiative to establish challenging learning goals for all students. Specific approaches for managing inclusive classrooms will be taught. This course offers approaches for the use of student data and strategies for working with others to action individual curriculum plans.	Postgraduate Coursework	Semester 2, 2018	Education School	1		

Project A: MEdSt	Elective project for students enrolled in Master of Educational Studies. Project topics are confined to specialised research & teaching interests of permanent staff of the School of Education. Students must choose and approach a potential supervisor. Projects are negotiated with supervisors and typically take the form of literature reviews or small research projects. Students and supervisors together complete the Application to Undertake a Supervised Research Project Form located on the School website (Calendars, Forms, Handbooks). Forms should be submitted two weeks prior to the enrolment due date for the chosen semester to the Administrative Officer. Subsequent for approval to undertake the project being received from the School of Education, students enroll in the course. Students completing in one semester enrol in EDUC7910. Students completing in one year commencing in semester 1 enrol in EDUC7911 in both semesters. Students completing in one year commencing in semester 2 enrol in EDUC7912 in both semesters. Students are expected to maintain contact with their supervisor. Contact times for internally enrolled students must be arranged with the supervisor at the commencement of semester.	Postgraduate Coursework	Semester 2, 2018	Education School	3		

Project A: MEdSt Part A	Elective project for students enrolled in Master of Educational Studies. Project topics are confined to specialised research & teaching interests of permanent staff of the School of Education. Students must choose and approach a potential supervisor. Projects are negotiated with supervisors and typically take the form of literature reviews or small research projects. Students and supervisors together complete the Application to Undertake a Supervised Research Project Form located on the School website (Calendars, Forms, Handbooks). Forms should be submitted two weeks prior to the enrolment due date for the chosen semester to the Senior Administrative Officer(Postgraduate & Higher Degrees). Subsequent for approval to undertake the project being received from the School of Education, students enroll in the course. Students completing in one semester enrol in EDUC7910. Students completing in one year commencing in semester 1 enrol in EDUC7911 in both semesters. Students completing in one year commencing in semester 2 enrol in EDUC7912 in both semesters. Students are expected to maintain contact with their supervisor. Contact times for internally enrolled students must be arranged with the supervisor at the commencement of semester.	Postgraduate Coursework	Semester 1, 2018	Education School	2		

Project A: MEdSt Part A	Elective project for students enrolled in Master of Educational Studies. Project topics are confined to specialised research & teaching interests of permanent staff of the School of Education. Students must choose and approach a potential supervisor. Projects are negotiated with supervisors and typically take the form of literature reviews or small research projects. Students and supervisors together complete the Application to Undertake a Supervised Research Project Form located on the School website (Calendars, Forms, Handbooks). Forms should be submitted two weeks prior to the enrolment due date for the chosen semester to the Administrative Officer. Subsequent for approval to undertake the project being received from the School of Education, students enroll in the course. Students completing in one semester enrol in EDUC7910. Students completing in one year commencing in semester 1 enrol in EDUC7911 in both semesters. Students completing in one year commencing in semester 2 enrol in EDUC7912 in both semesters. Students are expected to maintain contact with their supervisor. Contact times for internally enrolled students must be arranged with the supervisor at the commencement of semester.	Postgraduate Coursework	Semester 2, 2018	Education School	1		

Project B: MEdSt	Elective project for students enrolled in Master of Educational Studies. Project topics are confined to specialised research & teaching interests of permanent staff of the School of Education. Students must choose and approach a potential supervisor. Projects are negotiated with supervisors and typically take the form of literature reviews or small research projects. Students and supervisors together complete the Application to Undertake a Supervised Research Project Form located on the School website (Calendars, Forms, Handbooks). Forms should be submitted two weeks prior to the enrolment due date for the chosen semester to the Administrative Officer. Subsequent for approval to undertake the project being received from the School of Education, students enroll in the course. Students completing in one semester enrol in EDUC7915. Students completing in one year commencing in semester 1 enrol in EDUC7916 in both semesters. Students completing in one year commencing in semester 2 enrol in EDUC7917 in both semesters. Students are expected to maintain contact with their supervisor. Contact times for internally enrolled students must be arranged with the supervisor at the commencement of semester.	Postgraduate Coursework	Semester 2, 2018	Education School	2		

Creativity for Innovation and Design Thinking	Innovation matters to everyone, including managers in small or large organisations, start-up entrepreneurs, those in government roles, or teachers. This course looks at how individuals and organisations use creativity and design thinking skills to identify and choose opportunities that enable innovation. Creative problem solving skills are developed and enhanced through a range of real world activities. An overview of design thinking tools is provided to help students understand design thinking as a problem solving approach. Ideas developed through these processes are then applied to a customer discovery approach to understand their value in the market place.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Idea Management	This course provides an understanding of the importance of technological innovation for economic growth. It focuses on how businesses select and develop ideas, the research and development process, collaboration and open innovation, and the management of intellectual property.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Building Innovation Capability	This course introduces innovation as a capability to create and sustain an innovation culture. An innovation capability helps startups to retain their creative approaches to emerging opportunities, SME's looking to scale their innovation processes and larger organisations that lack or seek to consolidate a systematic innovation capability. Students learn how to identify, build and lead innovation capabilities and apply this knowledge in problem-solving teams in live settings.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Commercialisation in Practice Project	This course aims to provide students with a unique opportunity to gain experience in consulting on high-technology ventures, drawing on ground-breaking technologies developed by partner organisations such as UniQuest. Students will work on progressing these technologies towards the market. A key objective of the course is to bridge the gap between theory and practice. To this end, students will be faced with real-life situations, which will require them to develop practical problem-solving approaches to deal with these circumstances while allowing them to simultaneously gain hands-on experience in commercialisation.	Postgraduate Coursework	Semester 1, 2018	Business School	1		

Lean Start Up	Lean startup techniques are in widespread use for developing the business models that all new ideas need to succeed. This approach originated in the technology startup sector, but it is now in widespread use not just there, but in research commercialisation, social enterprise and corporate innovation programs. Students with interests in all of these areas can use this course to build a validated business model to support an innovative new idea. The course content is based on the Lean LaunchPad approach developed for use by the National Science Foundation in the US. Students will use in-depth customer development interviews, rapid prototyping, and agile development to develop their business models.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Entrepreneurship Capstone	This capstone course is designed to enable students to integrate all of the capabilities that they have built in the MBA program to execute an entrepreneurship project. Lean startup techniques are in widespread use for developing the business models that all new ideas need to succeed. This approach originated in the technology startup sector, but it is now in widespread use not just there, but in research commercialisation, social enterprise and corporate innovation programs. Students with interests in all of these areas can use this course to build a validated business model to support an innovative new idea. The course content is based on the Lean LaunchPad approach developed for use by the National Science Foundation in the US. Students will use in-depth customer development interviews, rapid prototyping, and agile development to develop their business models.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Electromechanics & Electronics	First principles introduction to electromagnetic fields & their applications in electrical machines. Physical models of semiconductor devices. Common electronic circuits using discrete semiconductor devices. Theoretical investigations, substantial case studies & laboratory experiments.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		

Circuits, Signals & Systems	Mathematical models of electrical components, circuits & systems. Time & frequency response. Issues in building complex systems from subsystems, including feedback. Signal theory & filter design. Theoretical investigations, substantial case studies & laboratory experiments.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	2		
Fundamentals of Electromagnetic Fields & Waves	Fundamentals of electromagnetics including transmission lines, time varying fields, plane waves, radiation, waveguides & basic antennas, radar fundamentals. Applications in area of satellite communications & radar sensors.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Electronic Circuits	Detailed examination of electrical & electronic circuit analysis & synthesis tools & techniques such as the Laplace transform, nodal analysis & two port network theory. Examples of use in analysis & design of amplifiers, filters, oscillators & other circuits.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Special Topics in Electrical Engineering 4A	Specialist lectures/projects on topical issues in electrical engineering to be given by visiting lecturers or staff members nominated by the Head of School. For details, consult Head of School.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Special Topics in Electrical Engineering 4B	Specialist lectures/projects on topical issues in electrical engineering to be given by visiting lecturers or staff members nominated by the Head of School. For details, consult Head of School.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Power Systems Analysis	Overview of power system modelling, load flow analysis, symmetrical & unsymmetrical fault calculation, economic operation, power system stability, basic methods of power system reliability. Loss of load & energy indices.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		

Power System Protection	This course will focus on design of transmission and distribution protection schemes. This will include fundamentals on protection, relay design and protection schemes for transmission lines, transformers and bus. Additionally the course will focus on settings of feeder and transformer protection schemes, and selection of current and voltage instrument transformers for those protection schemes. The issues surrounding power quality and how these affect power systems will be also addressed. This will include measurement and modelling techniques to identify power quality problems and mitigating techniques. Impact of electrical overstress on the design and operation of power systems and electronic equipment will be discussed and protection systems will be built to "eliminate" equipment malfunction and damage due to electrical overstress.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Modern Asset Management and Condition Monitoring in Power System	Probability and reliability theories to optimize maintenance process and modern asset management techniques. Cause of failure and asset management strategies for transformer, underground cable, switch gear, and transmission/distribution network.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Advanced Electronic & Power Electronics Design	Power electronic semiconductors, switch mode power converters, motor drives & their control. Digital signal interfacing, including optoelectronic & transceivers. Precision analog signal conditioning. High speed & low power techniques. Practical circuit construction & testing techniques.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Medical & Industrial Instrumentation	Measurement of biological signals from transducers, signal conditioning, display & analysis. Practical work based on design, construction & validation of simple clinical measurement devices. Field trips to clinical measurement laboratories.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Medical Imaging	Modern ionizing medical imaging technology. Techniques & hardware for ionising radiation methods (X-rays, CT scans, Single Photon Emission Tomography (SPECT), Positron Emission Tomography (PET)). ELEC4601 and ELEC4602 are compatible and can be undertaken simultaneously.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		

Digital Signal Processing	Advanced digital filtering: polyphase, multirate, all-pass, lattice & IIR filters. Signal conditioning, analog filter types, sigma delta converters. Fast algorithms; Cooley-Tukey FFT, mixed radix formulations, Good-Thomas algorithm. Autoregressive, moving average signals. DSP applications and programming.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Image Processing and Computer Vision	Image sensors, colour models, discrete cosine transform, image & video compression. Computer vision, morphological techniques, watershed transform, skeletonisation, image segmentation, active contours.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Fundamentals of Electromagnetic Fields & Waves	Fundamentals of electromagnetics including transmission lines, time varying fields, plane waves, radiation, wave guides & basic antennas, radar fundamentals Applications in the area of satellite communications, radar sensors.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Advanced Topics in Power	Topics in general areas of circuits & power to be given by visiting lecturers or staff members nominated by the Head of School. For details & availability contact enquiries@itee.uq.edu.au	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Power Systems Analysis	Overview of power system modelling, load flow analysis, symmetrical & unsymmetrical fault calculation, economic operation, power system stability, basic methods of power system reliability. Loss of load & energy indices.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Power System Planning and Reliability	This course covers power system planning, operation and management issues as well as reliability in a deregulated environment. The course will give a comprehensive overview of power system reliability. Evaluation of generation, transmission and distribution system reliability and their impacts on system planning will be covered. It will address the factors affecting power system expansion planning, operation and management as well as reliability in an electricity market including system adequacy, security, ancillary services market, decision making and other management issues. Students are assessed by tutorial, assignments and examination.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		

Electricity Market Operation and Security	This course provides a broad knowledge on (i) evolution of electricity market, related rules, generator and retailer behaviours and risk management; (ii) power system security/stability issues. Stability or security of the power system is the most important issue in power system operations and management either in a regulated or deregulated environment. System stability analysis is one of the essential skills for an electrical engineer working in the power industry. Following the deregulation over the past 2 decades, many power systems have been pushed toward their stability limits in order to maximise profit in energy trading. This course will cover the essential techniques in electricity market as well as power system stability analysis. Students will learn electricity market management, structure, operations, power system modelling, system dynamics, stability and security assessment, and new challenges in power system stability in an electricity market.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Power System Protection	This course will focus on design of transmission and distribution protection schemes. This will include fundamentals on protection, relay design and protection schemes for transmission lines, transformers and bus. Additionally the course will focus on settings of feeder and transformer protection schemes, and selection of current and voltage instrument transformers for those protection schemes. The issues surrounding power quality and how these affect power systems will be also addressed. This will include measurement and modelling techniques to identify power quality problems and mitigating techniques. Impact of electrical overstress on the design and operation of power systems and electronic equipment will be discussed and protection systems will be built to "eliminate" equipment malfunction and damage due to electrical overstress.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Signals, Systems & Control	Discrete-time signals & systems, system properties (linearity, time-invariance, memory, causality, stability), sampling & reconstruction, A/D and D/A converters, DFT/FFT, z transform, stochastic processes, frequency-selective filters, effect of feedback, introduction to control.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		

Electronic Circuits	Detailed examination of electrical & electronic circuit analysis & synthesis tools & techniques such as the Laplace transform, nodal analysis & two port network theory. Examples of use in analysis & design of amplifiers, filters, oscillators, & other circuits.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Advanced Electronic & Power Electronics Design	Power electronic semiconductors, switch mode power converters, motor drives & their control. Digital signal interfacing, including optoelectronic & transceivers. Precision analog signal conditioning. High speed & low power techniques. Practical circuit construction & testing techniques.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Medical & Industrial Instrumentation	Measurement of biological signals from transducers, signal conditioning, display & analysis. Practical work based on design, construction & validation of simple clinical measurement devices. Field trips to clinical measurement laboratories.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Modern Asset Management and Condition Monitoring in Power System	Probability and reliability theories to optimize maintenance process and modern asset management techniques. Cause of failure and asset management strategies for transformer, underground cable, switch gear, and transmission/distribution network.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Digital Signal Processing	Advanced digital filtering: polyphase, multirate, all-pass, lattice & IIR filters. Signal conditioning, analog filter types, sigma delta converters. Fast algorithms; Cooley-Tukey FFT, mixed radix formulations, Good-Thomas algorithm. Autoregressive, moving average signals. DSP applications and programming.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Image Processing and Computer Vision	Image sensors, colour models, discrete cosine transform, image & video compression. Computer vision, morphological techniques, watershed transform, skeletonisation, image segmentation, active contours.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Medical Imaging	Modern ionizing medical imaging technology. Techniques & hardware for ionising radiation methods (X-rays, CT scans, Single Photon Emission Tomography (SPECT), Positron Emission Tomography (PET)). ELEC4601 and ELEC4602 are compatible and can be undertaken simultaneously.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Advanced Medical Device Engineering	In depth examination of biophysical nature of disease in selected organ systems. Engineering aspects of diagnostic, management and current research areas will be presented.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		

Biomedical Signal Processing	Medical Signals: origins and characteristics; modelling medical signals and systems; interference, artefact and noise removal; waveform complexity and event detection; nonlinear methods in medical system identification; introduction to pattern classification and diagnostic decisions; emerging techniques in medical signal processing. Case studies on the use of signal processing methodologies in clinical instrumentation, imaging and medical decision making.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Double Degree Exchange Studies	Course to be used for enrolment by Double Degree outgoing exchange students. HECS Band 2	Undergraduate	Semester 2, 2018	Eng, Archi & Info Tech Fac	1		
Engineering Modelling & Problem Solving	Introduction to a) engineering problem solving through the relationship between theoretical, mathematical and computational modelling for predicting design performance, and b) the properties, and behaviours of engineering materials in design. Students will engage in a major team based multidisciplinary design project to develop first phase virtual and second phase physical prototype solutions. Students will be able to nominate a preference for system behavioural modelling using MatLab simulation software or structural modelling and CNC machining of a system component using Creo computer aided design software. The final system prototype will be physically tested to validate predicted performance in an end of session demonstration. The primary technical learning outcomes will be addressed through a combination of online learning activities and hands-on collaborative tutorials and laboratories Students will require good project management, teamwork, information literacy, and communication skills.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		
Introduction to Electrical Systems	Introduction to electrical circuits & systems. Solution of simple AC and DC Circuits. Electrical units & measurements. Voltage, current, impedance. Equivalent circuits. Electrical energy & power. Resistors, inductors, capacitors, phasors, filters. Introduction to analog and digital telecommunication systems. Operational amplifiers, sensors & actuators, simple controllers. Use of laboratory instruments, simulators and mathematical software tools.	Undergraduate	Semester 1, 2018	Chemical Engineering School	2		

Engineering Mechanics: Statics & Dynamics	Statics: Resolution & resultants of forces - 2D & 3D. Moments - 2D & 3D. Equivalent systems. Equilibrium of particles & Free Body Diagrams. Equilibrium, reactions & structure types. 2D Planar Trusses. Internal forces, bending-moment, shear & axial force diagrams. Properties of Area - Centroid & Second Moment of Area. Materials - Introduction to Stress-Strain, Yield Stress, Young's Modulus, Engineers Theory of Bending. Dynamics: Motion of a point - straight line & curvilinear. Kinetics. Energy Methods. Momentum Methods. Moments of Inertia. Application of rotation inertia.	Undergraduate	Semester 1, 2018	Chemical Engineering School	2		
Engineering Thermodynamics	Basic concepts in thermodynamics, forms of energy; properties of pure substances, phase diagrams & phase transitions; first law of thermodynamics & applications - mass & energy balances in open & closed systems; entropy & second law of thermodynamics, exergy; topical engineering case studies.	Undergraduate	Semester 1, 2018	Chemical Engineering School	2		
Introduction to Research Practices - The Big Issues	This course introduces students to the nature of research & why it is essential to our modern way of life. What are the current big questions in research? Who conducts research? What do they investigate & why? Key elements of good research design are also considered, & the concepts of intellectual property & commercialisation are introduced contextually by UQ research leaders. Students will have an opportunity to engage with the vibrant research culture at UQ, with a 10 hour placement in a research centre that reflects their interests. Research careers are dynamic & exciting - find out if this career path is for you when you join UQ's world-class research community through this introductory course.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		
Team Project II	Small teams of students undertake design, implementation, testing, evaluation & presentation of a complete product	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Professional Engineering Project	A major investigation, research project or a significant design task, as part of a CEED project taken in conjunction with industry. Projects must be approved by the Head of School prior to enrolment.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		

Systems Safety Engineering	Course covering inherently safer design, defence in depth, resilience engineering, human factors, incident investigation and safety management and governance. Techniques covered include: Hazard and Operability Studies (HAZOP), Functional Failure Analysis (FFA), Fault Tree Analysis (FTA), Event Tree Analysis (ETA), Failure Modes and Effects Analysis (FMEA) and Failure Modes Effects and Criticality Analysis (FMECA), Bowtie Analysis, LOPA, Accimap and Safer.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		
Engineering Asset Management	Fundamentals of Reliability Engineering: failure intensity functions; system reliability; exploratory data analysis; the Weibull function; design for reliability; HAZOP; FMECA. Maintenance Management; preventive, predictive, proactive and corrective methods and their place in maintenance strategy; maintenance performance indices; workforce estimation and organisational structure; spare parts administration; maintenance contracts and contract administration; reliability centred maintenance; total productive maintenance. Preventive component replacement and capital equipment replacement decisions.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		
Engineering Thesis	Major Investigation, research project or significant engineering design task. This course assists students to transition to becoming a responsible and ethical professional engineer through conducting a complete engineering project that integrates engineering skills acquired through an engineering program. Projects must be approved by the Head of School prior to enrolment. This course is for study abroad students undertaking a thesis project.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	2		
Project Management	Project management in high-tech electrical & information technology engineering laboratories, where dealing with risk & fast changing technologies are special factors. Good working knowledge of project management for the early career engineer. Development of interpersonal skills for team management.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		

Thesis Project	[Restricted to Final Year BE students] Thesis on subject selected or approved by Head of School. Detailed statements on requirements supplied. Students commencing thesis in Semester 1 enrol in ENGG4801 for Sem 1 (Part A) and Sem 2 (Part B); students commencing in Semester 2 enrol in ENGG4802 for Sem 2 (Part A) and the following Sem 1 (Part B).	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	2		
Thesis Project	[Restricted to Final Year BE students] Thesis on subject selected or approved by Head of School. Detailed statements on requirements supplied. Students commencing thesis in Semester 1 enrol in ENGG4801 for Sem 1 (Part A) and Sem 2 (Part B); students commencing in Semester 2 enrol in ENGG4802 for Sem 2 (Part A) and the following Sem 1 (Part B).	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	2		
Thesis Project	[Restricted to Final Year BE students] Thesis on subject selected or approved by Head of School. Detailed statements on requirements supplied. Students completing in one semester enrol in ENGG4805. This code is intended for special cases including CEED projects. Usually, students commencing thesis in Semester 1 enrol in ENGG4801 for Sem 1 (Part A) and Sem 2 (Part B); students commencing in Semester 2 enrol in ENGG4802 for Sem 2 (Part A) and the following Sem 1 (Part B).	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	2		
Team Project II	Small teams of students undertake design, implementation, testing, evaluation & presentation of a complete product	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		

Professional Practice and the Business Environment	Professional Practice is designed to give you the knowledge needed to effect change and implement design solutions in the real world. You will be able to identify barriers to technology uptake and work towards overcoming these through practical knowledge of: engineering economics, engineering law, engineering ethics, and the nature of engineering businesses. Students will learn how to undertake and interpret cost-benefit analyses, develop the skills required to understand business decision-making and economic drivers relevant to engineering and investigate key concepts required for ethical professional practice. Industry representatives and academics will deliver key note lectures. Students will engage in workshops and project-based discipline-specific content and assessment which will lead the student through the issues encountered in professional engineering practice. Assessment will have both written and oral sections.	Undergraduate	Semester 1, 2018	Chemical Engineering School	2		
Systems Safety Engineering	Course covering inherently safer design, defence in depth, resilience engineering, human factors, incident investigation and safety management and governance. Techniques covered include: Hazard and Operability Studies (HAZOP), Functional Failure Analysis (FFA), Fault Tree Analysis (FTA), Event Tree Analysis (ETA), Failure Modes and Effects Analysis (FMEA) and Failure Modes Effects and Criticality Analysis (FMECA), Bowtie Analysis, LOPA, Accimap and Safer.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	1		
Double Degree Exchange Studies	Course to be used for enrolment by Double Degree outgoing exchange students. HECS Band 2	Postgraduate Coursework	Semester 1, 2018	Eng, Archi & Info Tech Fac	2		

Engineering Project 4A	Project or thesis on a topic relevant to the School's research profile & the student's field of engineering study. Students commencing a year long project in sem 1 enrol in ENGG7241 in sem 1 & sem 2; students commencing a year long project in sem 2 enrol in ENGG7242 in sem 2 & the following sem 1; students completing the course in a single semester enrol in ENGG7240. For information about how to find a project and supervisor, and enrol in this course, please visit http://www.mechmining.uq.edu.au/mengsc-thesis	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	2		
Engineering Project 4A	Project or thesis on a topic relevant to the School's research profile & the student's field of engineering study. Students commencing a year long project in sem 1 enrol in ENGG7241 in sem 1 & sem 2; students commencing a year long project in sem 2 enrol in ENGG7242 in sem 2 & the following sem 1; students completing the course in a single semester enrol in ENGG7240.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	2		
Engineering Project 4A	Project or thesis on a topic relevant to the School's research profile & the student's field of engineering study. Students commencing a year long project in sem 1 enrol in ENGG7241 in sem 1 & sem 2; students commencing a year long project in sem 2 enrol in ENGG7242 in sem 2 & the following sem 1; students completing the course in a single semester enrol in ENGG7240.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	2		
Engineering Project 8A	Project or thesis on a topic relevant to the School's research profile & the student's field of engineering study. Students commencing a year long project in sem 1 enrol in ENGG7281 for sem 1 & sem 2; students commencing a year long project in sem 2 enrol in ENGG7282 for sem 2 & the following sem 1; students completing the course in a single semester enrol in ENGG7280. For information about how to find a project and supervisor, and enrol in this course, please visit http://www.mechmining.uq.edu.au/mengsc-thesis	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	2		

Engineering Project 8A	Project or thesis on a topic relevant to the School's research profile & the student's field of engineering study. Students commencing a year long project in sem 1 enrol in ENGG7281 for sem 1 & sem 2; students commencing a year long project in sem 2 enrol in ENGG7282 for sem 2 & the following sem 1; students completing the course in a single semester enrol in ENGG7280. For information about how to find a project and supervisor, and enrol in this course, please visit http://www.mechmining.uq.edu.au/mengsc-thesis	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	2		
Engineering Project 8A	Project or thesis on a topic relevant to the School's research profile & the student's field of engineering study. Students commencing a year long project in sem 1 enrol in ENGG7281 for sem 1 & sem 2; students commencing a year long project in sem 2 enrol in ENGG7282 for sem 2 & the following sem 1; students completing the course in a single semester enrol in ENGG7280. For information about how to find a project and supervisor, and enrol in this course, please visit http://www.mechmining.uq.edu.au/mengsc-thesis	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	2		
Engineering Placement Semester	A major investigation or research project or a significant design task in industry, UQ or another university/research institute that integrates factors encountered in real life industry or research projects. Please note: This course falls outside the regular semester teaching periods. Students are required to undertake a placement of up to 24 weeks in duration between the following dates: Semester 1 - January to June; Semester 2 - July to December.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	2		
Advanced Topics in Engineering I	Topics in general areas of engineering to be given by visiting lecturers or staff members nominated by the Head of School. For details & availability contact enquiries@itee.uq.edu.au	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	3		
Advanced Topics in Engineering II	Topics in general areas of engineering to be given by visiting lecturers or staff members nominated by the Head of School. Until advised please contact School of ITEE (enquiries@itee.uq.edu.au)	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		

Advanced Computational Techniques in Engineering	An advanced course designed to deepen student knowledge and capability in computational techniques in areas of particular importance to engineering. Topics are drawn from linear algebra, stochastic systems and optimisation theory with emphasis on applications and examples in various fields of engineering including but not limited to biomedical engineering, electricity market, embedded systems and microwave & telecommunications. Practical skills in MATLAB programming are developed.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		
Geoscience for Petroleum Engineering	[Taught by intensive mode with assessment following.] The aim of this module is to: Understand the geological environment responsible for hydrocarbon formation, migration and storage. Identify the main characteristics of hydrocarbon-bearing formations. Estimate the volume of such reservoirs.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1		
Well Logging for Petroleum Engineers	[Taught by intensive mode over a 2 week period with assessment following after this.] The aim of this module is to: Understand the concept of formation evaluation and well logging. Understand the physical principles of the tools used in logging. Characterise the formation based on interpretation of well logs.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1		
Reservoir Engineering	The aim of this module is to: Understand the rock and fluid properties of a hydrocarbon reservoir. Describe the nature of the fluid flow and pressure distribution in a reservoir. Understand the effects of production/ injection on recovery of reserves.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1		
Well Test Analysis	[Offered in intensive mode over a 1 week period with assessment following in the Herriot-Watt Distance Learning exam period.] The aim of this module is to: Understand the diffusivity equation and the derivation of analytical solutions related to reservoir features (wells, fractures, aquifers). Use the analytical solutions to describe fluid flow in a reservoir. Calculate reservoir permeability in simple and complex reservoir geometries.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	1		

Reservoir Simulation	[Taught by Intensive mode over a 2 week period with assessment following after this.} The aim of this module is to: Develop an understanding of the role of simulation in reservoir engineering. To gain insight into the value of simulation. To provide the appropriate numerical techniques to enhance hydrocarbon recovery.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	1		
Production Technology	[Taught by intensive mode over a 2 week period with assessment following after this.] The aim of this module is to: Identify the major components of the production system. Examine the techniques available to enhance production from both reservoir and well. Design appropriate procedures to ensure optimal initial production. Understand the process of delivering the reservoir fluid to the surface - consider the options available to safely and efficiently complete a well; understand the possible remedial work required when production from a well declines.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	1		
Drilling Engineering	The aim of this module is to: Understand the concepts and techniques used in drilling engineering. Examine the design requirements of well planning and construction. Optimise the design of a drilling program.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1		
Petroleum Project Economics and Decision Making	[Taught in intensive mode over a 5 day period with assessment following after this.] The aim of this module is to: Understand the economic concepts involved in project evaluation. Understand the value of investments as defined within a fiscal system. Evaluate risks associated with economic decisions.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	1		
Design Project	The aim of this module is to: Build on the taught module learning outcomes to conduct a design. Project as a team related to Coal Seam Gas production. To produce a field development plan/ design for a coal seam gas system.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1		
Individual Project	The aim of this module is to: Develop a greater understanding of a specific petroleum engineering problem related to Coal Seam Gas production. Determine the limits of applicability of the proposed solution. Relate the project findings in a succinct, technical manner.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1		

Advanced Engineering Practice	Challenging problems from advanced engineering practice will be posed to the students. For each problem, the specific challenges and appropriate scientific tools will be identified. The state of the art and the future possibilities will be recognised.	Postgraduate Coursework	Semester 1, 2018	Mech & Mine Engineering School	1		
Experimental Design	Students will learn how to design experiments to explore the entire parameter space for an engineering problem and to test hypotheses to a desired degree of confidence; they will learn how to process data from engineering sensors and how to analyse such data using advanced multivariate statistics.	Postgraduate Coursework	Semester 2, 2018	Mech & Mine Engineering School	1		
Advanced Engineering Laboratory Techniques	Introduction to the-state-of-the-art characterisation techniques and an updated overview of the unique capabilities of the advanced research instruments for mechanical and physical property measurements, and their working principles and potential applications. Students will have opportunities to gain hands-on experience with the nanomechanical testing instrument, advanced electronic microscopes, laser Raman spectroscope, microcontrollers for signal processing and 3D surface scanning equipment.	Postgraduate Coursework	Semester 1, 2018	Mech & Mine Engineering School	1		
Engineering Grand Challenges	Implications of being a professional engineer in the 21st century. Human forces: socio-political, psychology, economics and leadership. Societal Grand Challenges. Improved communications skills.	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	1		
Engineering Project Management	Project management in high-tech electrical & information technology engineering laboratories, where dealing with risk & fast changing technologies are special factors. Good working knowledge of project management for the early career engineer. Development of interpersonal skills for team management.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Engineering Postgraduate Project B	Field based project with industry relevance that allow students to apply their previously acquired knowledge, design skills & practices to practical applications. Students completing the course in a single semester enrol in ENGG7802. Students who commence in Semester 1 enrol in ENGG7803 for Sem 1 (Part A) and Sem 2 (Part B); students who commence in Semester 2 enrol in ENGG7804 for Sem 2 (Part A) & the following Sem 1 (Part B).	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		

Engineering Postgraduate Project B	Field based project with industry relevance that allow students to apply their previously acquired knowledge, design skills & practices to practical applications. Students who commence in Semester 1 enrol in ENGG7803 for sem 1 and sem 2; students who commence in sem 2 enrol in ENGG7804 for sem 2 and the following sem 1. Students completing the course in a single semester enrol in ENGG7802.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	2		
Engineering Postgraduate Project B	Field based project with industry relevance that allow students to apply their previously acquired knowledge, design skills & practices to practical applications. Students who commence in Semester 1 enrol in ENGG7803 for sem 1 and sem 2; students who commence in sem 2 enrol in ENGG7804 for sem 2 and the following sem 1. Students completing the course in a single semester enrol in ENGG7802.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		
Engineering Postgraduate Project D	Project or thesis on a topic relevant to the School's research profile and the student's field of engineering study that allows students to apply their knowlege and skills to practical applications. Students commencing in sem 1 enrol in ENGG7807 for sem 1 and sem 2. Students commencing in sem 2 enrol in ENGG7808 for sem 2 and the following sem 1. Students completing course in single semester enrol in ENGG7806.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Engineering Postgraduate Project D	Project or thesis on a topic relevant to the School's research profile and the student's field of engineering study that allows students to apply their knowlege and skills to practical applications. Students commencing in sem 1 enrol in ENGG7807 for sem 1 and sem 2. Students commencing in sem 2 enrol in ENGG7808 for sem 2 and the following sem 1. Students completing course in single semester enrol in ENGG7806.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		
Engineering Postgraduate Project D	Project or thesis on a topic relevant to the School's research profile and the student's field of engineering study that allows students to apply their knowlege and skills to practical applications. Students commencing in sem 1 enrol in ENGG7807 for sem 1 and sem 2. Students commencing in sem 2 enrol in ENGG7808 for sem 2 and the following sem 1. Students completing course in single semester enrol in ENGG7806.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		

Research Methods	Research methodology & research tools for computer science & engineering. Theoretical & practical material for starting, supporting & advancing research project work.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		
Engineering Thesis Project	Thesis on subject selected or approved by Head of School. Year-long project culminates in presentation of a thesis describing a significant project. (Course is structured as #2 in semester 1, #4 in semester 2)	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	2		
Professional Engineering and the Business Environment: Global Practice	This course will lead you through the issues encountered in international professional engineering practice and is designed to give you the knowledge needed to effect change and implement design solutions in the real world. You will investigate business decision-making and economic drivers relevant to engineering and key concepts required for ethical professional practice in different countries (economic, social, and environmental). There will be a strong focus on how different cultures affect engineering practice. Industry representatives and guest academics with international experience will deliver keynote seminars. Throughout this course, you will actively engage in collaborative workshops and project-based discipline specific content and assessment.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1		
Engineering Innovation and Leadership	This course will introduce students to the frameworks and theory behind innovation and leadership in an engineering environment and will allow students to develop and demonstrate an understanding of innovation in the context of an engineering practice. The course will enable students to identify and apply the elements of the innovation lifecycle and develop a systematic approach to managing innovation. Ultimately students will develop the skills to engage and influence innovative practice in their own engineering contexts providing the foundation for future leadership roles.	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	1		

Contemporary Literature: Reading & Writing	This course introduces students to examples of the best contemporary writing in English, from a range of cultures. It complements the focus on classic literature in ENGL1800. Genres include the novel, the graphic novel, and poetry and authors studied are Simon Armitage, Haruki Murakami, Lionel Shriver, JM Coetzee, and Alison Bechdel. In addition to providing a grounding in contemporary literature, this focuses on critical reading and writing skills.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Literary Classics: Texts and Traditions	ENGL1800 Literary Classics: Texts and Traditions is the compulsory gateway or first-level course in the English Literature major and extended major. It will introduce students to the critical concepts and skills that are key to the practice of literary studies. Students will study texts from four distinct periods of literature, ranging from the sixteenth to the twentieth centuries, to gain a foundational understanding of literary history and the characteristics of three major genres: drama, poetry, and prose fiction. The course's theme -- subjectivity -- not only links these periods together, but allows students to examine how specific cultural contexts inform the development of new genres and new ways of being. Students who successfully complete this course will gain a strong sense of literary history and genre; develop a solid methodological introduction for further literary studies; and be able to analyze and challenge universalizing narratives about individualism and the individual's place in the world.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
The Birth of the Modern: Literature and Thought from 1850 to 1960	This course introduces students to writers and thinkers responsible for creating what we may call the modern age, a period we may date from, roughly, 1850 to 1960. The focus will be on English-language authors, but some attention will be given to influential figures outside this tradition (for example Marx, Nietzsche, Freud, Simone de Beauvoir, Fanon). Authors to be studied may include: Darwin, Emerson, Dickinson, Arnold, Dickens, Hardy, George Eliot, Ruskin, Pater, Wilde, Whitman, Hopkins, James, Conrad, Yeats, T.S. Eliot, Woolf, Lawrence, Forster, Joyce, Beckett, White.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		

Gothic Literature & Culture	One of the most influential and still current imaginative traditions in English literature, the Gothic specialises in the macabre, the horrifying, the sensational, and the fantastical. Students study key works by (among others) Ann Radcliffe, Edgar Allan Poe, Robert Louis Stevenson and Bram Stoker.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Shakespeare and His Contemporaries	This course introduces students to Shakespeare's theatrical world, and is structured around four key themes: Drama and the Body of the State; Gender and Sexuality; Constructing the Supernatural; and Nation and Empire. Students will study selected plays by Shakespeare and by his major contemporaries, such as Christopher Marlowe and Ben Jonson, to gain a better understanding of Shakespeare's work and the theatrical, literary, and political contexts that shaped it.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Jane Austen and her Influence	Jane Austen is one of the best known, and most loved, authors in the English language--perhaps second only to Shakespeare in global reach and influence. We will explore four of her novels alongside two of the remarkable fictions that testify to her enduring literary influence and impact on literature and culture. We will take into account Austen's relation to the contexts of her own day, literary and artistic as well as political and social, as well as the way we read Austen now.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Thinking about Literature: Criticism and Theory	ENGL2405 is the cornerstone of the major and extended major in English Literature, so it builds on the introduction to literary texts you've received in the gateway course, ENGL1800. Here, we start to explore some more general ideas about how literary texts work: how they're constructed, what they do, the questions they raise, how they circulate and function, and the ways in which they're cultural and social phenomena. ENGL2405 will familiarize you with some of the main themes and currents of literary criticism and theory, and give you scope to explore issues of particular interest to you. It will also enrich any of the second-level courses you choose to do, and prepare you for the major's third-level options and capstone study.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		

The Novel: Realism, History, Fiction	How did the novel become the major literary form of the modern era? This course introduces students to the history of the novel from its eighteenth-century origins to the present day and provides a critical framework through which to understand and analyse the development of fictional realism.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Poetry: In Defence of Imagination	This course introduces students to some key examples of English poetry from the medieval period to the present. The course will help students develop an informed appreciation of significant and complex literary works.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Journals, Repositories & Conferences Internship	The internship provides a range of opportunities for students to work with leading organisations and UQ-based researchers assisting with project based work, event organisation, and editorial and publishing activities. Students will gain practical experience in working within professional organisations involved in Literary and Historical Research, Writing and Publishing, Women's Studies, Communications, and Festival and Cultural Heritage Management. They will critically engage with the internship through journal writing and a research-based essay relevant to their experience. Due to the selective nature of this course, competitive entry will apply. The Internship application form is available here.	Undergraduate	Semester 1, 2018	Communication & Arts School	2		
Adaptation: Studies in Transmission Between Cultures and Forms	The course considers the changes that occur as particular texts move between various cultural forms. The media under consideration will include print, radio, theatre, television, film and videogames, but some adaptations that change cultures rather than media, such as television formats and cross cultural stage adaptations will also be examined. This is a third level course that is the compulsory capstone for the English major. It is also one of the third level courses that students can select in the Film and Television and the Drama majors and in the extended major in Drama and Writing	Undergraduate	Semester 1, 2018	Communication & Arts School	1		

Australian Literature	This course considers recent Australian literature, especially fiction and autobiographical texts, and the ways in which literary writing participates in contemporary debates on issues such as Indigenous cultures and history; ethnicity and nation; and land, environment and identities.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Gender and Textuality	This course examines a range of key fictional works and feminist literary theories comprising the field of women's writing, with an emphasis on post-1970 works. The course is organized by key issues for, and genres of, women's writing and feminist literary criticism, and covers the historical emergence and consolidation of contemporary women's writing.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Postmodernism: Fiction and Theories	The course surveys key theorists of the postmodern and a range of fictional works that represent postmodern culture (here defined as the culture of late, or consumer, capitalism). Major themes to be discussed include: technology, sex, work, leisure, representation, identity, and politics.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Honours Seminar	Taking Erich Auerbach's magisterial study, Mimesis (1946) as a starting point for broad survey of literary realism from ancient to contemporary times, the course examines a series of cases?Shakespearean tragedy, the eighteenth-century rise of the novel and the development of so-called `classic realist? fiction?before considering realist writing in light of pressing critical and political questions in our time. The course introduces students to key theories and practices of Anglo-American and European literary realism thereby providing an historical, critical and theoretical foundation for advanced writing and research in the literary humanities.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Research Methods & Project Management	This course is designed to guide Honours students through the process of planning and writing a thesis. It will facilitate the acquisition of advanced research skills and the ability to communicate those skills clearly and persuasively. These skills will be useful in a range of fields that include but are not limited to further academic research.	Undergraduate	Semester 1, 2018	Communication & Arts School	2		
Honours Research Thesis	Part of an English Literature Honours program.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		

Honours Research Thesis	A supervised 15,000 word thesis which reports an original piece of research, grounded in knowledge of the theories and previous studies in the field, and completed in a manner consistent with research reporting in that field. This course is part of the Bachelor of Arts (Honours) English Literature program.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Professional Project	Students are required to complete a professional project (4 course equivalence) in their chosen field of study before the end of the third semester. Students will be encouraged to select a suitable project or a dissertation topic upon enrolling, ideally with a suitable industry partner, and to continuously consider their topic throughout the program, adding value from the different courses they undertake.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	2		
Professional Project	Students are required to complete a professional project (4 course equivalence) in their chosen field of study before the end of the third semester. Students will be encouraged to select a suitable project or a dissertation topic upon enrolling, ideally with a suitable industry partner, and to continuously consider their topic throughout the program, adding value from the different courses they undertake.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1		
Professional Project	Students are required to complete a professional project (4 course equivalence) in their chosen field of study before the end of the third semester. Students will be encouraged to select a suitable project or a dissertation topic upon enrolling, ideally with a suitable industry partner, and to continuously consider their topic throughout the program, adding value from the different courses they undertake.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	2		
Professional Project	Students are required to complete a professional project (4 course equivalence) in their chosen field of study before the end of the third semester. Students will be encouraged to select a suitable project or a dissertation topic upon enrolling, ideally with a suitable industry partner, and to continuously consider their topic throughout the program, adding value from the different courses they undertake.	Postgraduate Coursework	Summer Semester, 2	Chemical Engineering School	1		

Mini Project in Energy	Students are required to complete a mini project in their chosen field of study before the end of the third semester. Students will be encouraged to select a suitable project topic upon enrolling and to continuously consider their topic throughout the program, adding value from the different courses they undertake.	Postgraduate Coursework	Semester 1, 2018	Chemical Engineering School	1		
Terrestrial Arthropods	Identification, biology & life histories of orders/suborders of insects, arachnids, & myriapods with focus on insects. Serves as introduction to higher level entomology courses. Optional modules cater for wide-ranging student interests making course appropriate for programs in disciplines other than science.	Postgraduate Coursework	Semester 2, 2018	Biological Sciences School	1		
Project or Thesis	Project or thesis relevant to resource exploration. Students commencing course in sem 1 enrol in ERTH7000 for sem 1 and sem 2; students commencing in sem 2 enrol in ERTH7200 for sem 2 and the following sem 1.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		
Igneous & Metamorphic Petrology	Origin & properties of magmas; magmatic differentiation, igneous structures & modes of emplacement; geochemistry of igneous rocks; magmatism at different tectonic environments; agents & types metamorphism; metamorphic textures & their origins; metamorphic facies; metamorphic reaction equilibria & pressure-temperature-time paths.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Introduction to Geophysics	Introduction to geophysical methods used for resource exploration, engineering and environmental applications. Includes basic theory, instrumentation, field techniques, data analysis and case histories. Concepts are illustrated using practical exercises and computer modelling.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		
Ore Deposits & Exploration Geology	Geological processes leading to ore genesis; geological controls & tectonic settings of ore deposits. Ore petrography. Exploration methods. Field trip, additional fee payable.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		

Advanced Field Experience	"The best geologist is [the one] who has seen the most rocks." (H. H. Read, 1940). This field trip will give students the opportunity to visit classic locations where type examples of geological processes and products otherwise unable for study locally are best seen. The course will involve an introductory workshop and reading but the major focus will be on the field trip itself. This is likely to be to a remote field location associated with a major plate boundary or other first order geological phenomenon. Students will participate in field exercises and class discussion and produce a final report at the end of the trip. Additional fees payable. Please contact the School of Earth and Environmental Sciences for additional information.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Geomicrobiology	Geomicrobiological processes recorded in the Earth record and bacteria-mineral interactions in contemporary systems will be examined, including phenotypic methods for the analysis of prokaryotes, the factors affecting their community structure and function, and their relationship to geochemistry and mineralogy. Principles of inorganic geochemistry including an introduction to thermodynamics; applications of geochemistry and geomicrobiology to ore-forming processes, weathering and subsurface microbiology, e.g., acid mine drainage environments. ERTH3003 is strongly recommended for Geological Science majors, Environmental Microbiologists and Environmental Science majors.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Field Geology: Mapping in the Outback	ERTH3050 will not be offered in Semester 2 from 2017 onwards. It will still be available in Semester 1.Mapping & field techniques in both simple & complex metamorphic terrains. Field recognition & analysis of structural & metamorphic features. Regional synthesis of field data. Field work carried out during the July inter-semester break. Additional fee payable. Quota 35 (in total). All enquiries for permission to enrol to be addressed to sees@enquire.uq.edu.au. Students are selected based on academic performance and relevance to program.(Results not available until beginning of Sem 2).FIELD TRIP IS HELD DURING MID-YEAR BREAK.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		

Advanced Structural Geology	(offered in semester 2 in even-numbered years only) Geometric, kinematic & microstructural analysis of complexly deformed rocks, regions, & shear zones. Field, mine, & digital map techniques applied to real geological problems and deformation mechanisms.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Exploration Geochemistry	Modern developments in understanding geochemical & isotopic systems & techniques applied to mineral exploration. Short, intensive modules covering topics of current exploration interest. Additional fee may be payable on any field-based modules.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Ore Body Modelling	Ore Body Modelling introduces advanced students from Geology, Geophysics, Mining Engineering, Metallurgical Engineering, and Environmental Sciences to 3-D geological modelling and mineral resources reporting. It covers the concepts of mineral resources and reserve, cut-off grade, nugget effect; the application of statistical and numerical methods as they relate to resource estimation and the use of basic computational tools and 3-D modelling packages (Surpac) applied in the Australian and global mining industries. It also addresses the basic codes on reporting mineral resources (VALMIN and JORC codes).	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Exploration Seismology	Elastic wave equation & solution. Land & marine acquisition techniques & instrumentation. Seismic reflection processing methodology.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		
Electrical & Electromagnetic Exploration	ERTH4221 provides a rigorous overview of the theory and practical application of electrical and electromagnetic techniques used in applied geophysics, including resistivity, induced polarisation, and electromagnetics (frequency-domain and time-domain). Includes practical computational components.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Geology Honours Thesis	Advanced geological research project and preparation of thesis report. The project will generally involve a field component, both supervised and unsupervised. Depending on the project, this component may incur additional costs to cover travel and accommodation during field work. Students commencing in sem 1 with #6/#6 split should enrol in ERTH6501 for sem 1 and sem 2; students commencing in sem 2 with #6/#6 split should enrol in ERTH6502 for sem 2 and the following sem 1.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		

Geology Honours Thesis	Advanced geological research project and preparation of thesis report. The project will generally involve a field component, both supervised and unsupervised. Depending on the project, this component may incur additional costs to cover travel and accommodation during field work. Students commencing in sem 1 with #4/#8 split should enrol in ERTH6503 for sem 1 and sem 2; students commencing in sem 2 with #4/#8 split should enrol in ERTH6504 for sem 2 and the following sem 1.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	2		
Geology Honours Thesis	Advanced geological research project and preparation of thesis report. The project will generally involve a field component, both supervised and unsupervised. Depending on the project, this component may incur additional costs to cover travel and accommodation during field work. Students commencing in sem 1 with #4/#8 split should enrol in ERTH6503 for sem 1 and sem 2; students commencing in sem 2 with #4/#8 split should enrol in ERTH6504 for sem 2 and the following sem 1.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	2		
Geology Honours Thesis	Advanced geological research project and preparation of thesis report. The project will generally involve a field component, both supervised and unsupervised. Depending on the project, this component may incur additional costs to cover travel and accommodation during field work. Students commencing in sem 1 with #8/#4 split should enrol in ERTH6505 for sem 1 and sem 2; students commencing in sem 2 with #8/#4 split should enrol in ERTH6506 for sem 2 and the following sem 1. Students enrolling in 4 semester part-time should should enrol in ERTH6507.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	2		
Geology Literature Review and Research Proposal	The geology literature review and research proposal lead you to establish the practical or theoretical significance of your Honours research including, innovation, feasibility and appropriate methodology. The literature review will be a critical analysis of the current understanding of the field of research based on published literature. The research proposal will be based on the initial critical review of the literature and will include background information, aims and significance of the research, expected outcomes, and the methodology/experimental design to be used in the proposed research.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	2		

Project or Thesis	Research paper in selected topic pertinent to resource exploration. Students commencing course in sem 1 enrol in ERTH7001 for sem 1 and sem 2; students commencing in sem 2 enrol in ERTH7201 for sem 2 and the following sem 1.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		
Project or Thesis	Research paper in selected topic pertinent to resource exploration. For details, consult course coordinator.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		
Special Topics I	In-depth study of a selected topic pertinent to resource exploration.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		
Special Topics II	In-depth study of a selected topic pertinent to resource exploration.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		
Special Topics III	In-depth study of a selected topic pertinent to resource exploration.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		
Ore Deposits & Exploration Geology	Geological processes leading to ore genesis; geological controls and tectonic settings of ore deposits. Ore petrography. Exploration methods. Additional fee may be payable on field based modules.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		
Project or Thesis	Project or thesis relevant to resource exploration. Students commencing course in sem 1 enrol in ERTH7000 for sem 1 and sem 2; students commencing in sem 2 enrol in ERTH7200 for sem 2 and the following sem 1.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		
Project or Thesis	Research paper in selected topic pertinent to resource exploration. Students commencing course in sem 1 enrol in ERTH7001 for sem 1 and sem 2; students commencing in sem 2 enrol in ERTH7201 for sem 2 and the following sem 1.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		
Ore Body Modelling	Ore Body Modelling introduces advanced students from Geology, Geophysics, Mining Engineering, Metallurgical Engineering, and Environmental Sciences to 3-D geological modelling and mineral resources reporting. It covers the concepts of mineral resources and reserves, cut-off grade, nugget effect; the application of statistical and numerical methods as they relate to resource estimation and the use of basic computational tools and 3-D modelling packages (Micromine/Leapfrog) applied in the Australian and global mining industries. It also addresses the basic codes on reporting mineral resources (VALMIN and JORC codes).	Postgraduate Coursework	Summer Semester,	Earth and Environment Sc Schl	2		

Exploration Geochemistry	Modern developments in understanding geochemical & isotopic systems & techniques applied to mineral exploration. Short, intensive modules covering topics of current exploration interest. Additonal fee may be payable on field-based modules. Some modules offered outside of teaching weeks. Note - single semester course.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		
Advanced Structural Geology	(offered in semester 2 in even numbered years only) Geometric, kinematic and microstructural analysis of complexly deformed rocks, regions and shear zones. Field, mine and digial map techniques applied to real geological problems.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		
International Event Issues and Strategies	The course examines issues and cornerstone theories that impact on international event planning, operations, marketing and resourcing. The complexities presented by (a) different markets, cultures and cultural settings, (b) different governments, policies and regulatory frameworks, and (c) different host countries/cities and public-private sector agencies and networks for optimising events tourism are a key focus in this course. Bidding strategies for international events, and the relationships and networks needed to organise and stage an international event, are also addressed. These topics provide a backdrop to the study of international event planning and logistics and global branding and marketing to attract inbound visitors, sponsors, exhibitors, performers and players.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Fundamentals of Event Management	This course introduces key concepts and processes relevant to event management. It explores the theoretical underpinnings of event management and presents a number of Australian and international case studies for student consideration.	Undergraduate	Semester 2, 2018	Business School	1		
Special Event Management	This course analyses and synthesises different types of special events significant for organisers and attendees. Relevant theory applicable to special events managers is addressed. The course focuses on business, sport, cultural and lifecycle events.	Undergraduate	Semester 1, 2018	Business School	1		
Event Marketing	This course provides insights into the principles of event marketing and their application in real world settings. It explores the development of event marketing objectives, strategies, plans and related research.	Undergraduate	Semester 1, 2018	Business School	1		

Event Operations Management	This course examines the logistics of event management. It examines risk management and the use of technology in event operations within the framework of event facilities management.	Undergraduate	Semester 2, 2018	Business School	2		
Event Sponsorship & Fundraising	This course explores sponsorship issues of event management and develops key skills in sponsorship research, design, leveraging and management. It develops skills in fundraising, writing grants and placing bids.	Undergraduate	Semester 1, 2018	Business School	1		
Strategic Event Management	This cap stone course draws together concepts and processes explored within this major and affords an opportunity for the student to apply these concepts in a strategic event management plan. The course examines leadership and vision together with marketing, operations, and human resources.	Undergraduate	Semester 2, 2018	Business School	1		
Event Planning & Project Management	This course explores the interface between venue, space, people and performance in diverse event settings. The course serves to showcase both commonalities and contrasts in creative and logistical elements of implementing an event. Linkages between the event concept, pre-production activities, finalisation of event schedules, and event execution and closing out of the event are addressed in this course. Students will apply the theoretical constructs acquired in EVNT7053 through interfacing with a real world event.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Event Marketing, Sponsorship & Fundraising	This course examines and critically evaluates key areas of event marketing, including event concept creation, event bidding, event markets and event marketing environments. Event branding and measurement and alternative marketing strategies are also examined from an event vision and objectives. Students will draw on these insights when focusing on contemporary issues in event sponsorship management. Event asset analysis, customisation of sponsorship strategies and marketing objectives are examined with a view to leveraging and managing a sponsor's portfolio. The course also addresses the principles of fundraising in the context of events and explores avenues for attracting funding from the public sector and private sector philanthropy.	Postgraduate Coursework	Semester 1, 2018	Business School	1		

Event Design, Staging & Production	This course builds insights into the strategic and project management principles of events. It explores the linkages between an event's vision, mission and strategic plan and examines ways in which project management skills can be applied to the events context. Event concepts and feasibility, stakeholder relationships, and event logistics, workforce and consumers are all examined and analysed. Event risk and opportunity, and triple bottom line evaluations are also a key part of this course.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Adv. Phys. Activity for people with motor, sensory, cognitive or behav. impairments	Provides students with skills and knowledge necessary for working with people with motor, sensory, cognitive or behavioural impairments in the professional practice of clinical exercise physiology. Includes critical review of the evidence-base underpinning practice. In addition to lectures and tutorials, student learning is enhanced through the delivery of the Schools Adapted Physical Activity Program, which assists community-dwelling adults with disabilities to become more physically active. This course had the previous code of HMST7070 which can be viewed in the archived area within the Course and Program site http://www.uq.edu.au/study/archive/index.html	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Exercise Prescription & Programming	Principles and guidelines to develop, deliver and evaluate exercise and physical activity programs for individuals and groups. Focuses on developing safe and effective prescriptions for healthy individuals, athletes and special populations. Includes practical skills in exercise leadership and prescription and an introduction to musculoskeletal rehabilitation. This course had the previous code of HMST2362 which can be viewed in the archived area within the Course and Program site http://www.uq.edu.au/study/archive/index.html	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Exercise Science Technical Skills	Upon successful completion of EXMD2382, the graduate can, based on best practice, competently and safely conduct a health and exercise evaluation, assess physical activity/fitness status, perform common sport-related assessments, interpret the results and communicate the findings.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Physical Activity for People with Motor, Sensory, Cognitive or Behavioural Impairments	Provides students with skills and knowledge necessary for working with people with motor, sensory, cognitive or behavioural impairments in the professional practice of exercise science. Includes critical review of the evidence-base underpinning practice. In addition to lectures and tutorials, student learning is enhanced by 8 x 3 hr of clinic-based work in the School's Motor Active Program which assists children to acquire age-appropriate movement skills. This course had the previous code of HMST3070 which can be viewed in the archived area within the Course and Program site http://www.uq.edu.au/study/archive/index.html	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Exercise Science Professional Skills	The aim of this course is to provide students with a grounding in the principles underpinning professional practice in exercise science/exercise physiology. Content includes clinical notetaking, communication (interprofessional, peer to peer and practitioner/client), ethics, legal frameworks and industry structure. Students acquire practical experience in applying technical and professional skills through: supervised delivery of a personal training intervention over the course of the semester (approximately 20 hours of practical experience); and supervised teaching of technical skills to new students (approximately 8 hours). Lectures from industry experts and opportunities for introductory experiences in corporate, clinical, community, fitness, health and sport settings and to assist students with decisions on career direction and major practicum.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		

Clinical Exercise Physiology Practicum: Cardiopulmonary/Metaboli c Populations	EXMD4701 involves students undertaking supervised clinical practice in affiliated hospitals (public and private), clinics and community settings as required for accreditation as Exercise Physiologists with Exercise and Sports Science Australia. The School of Human Movement and Nutrition Sciences is committed to the reduction of urban bias in the content of its programs. Students undertaking clinical practicum as part of their programs in the School of Human Movement and Nutrition Sciences could, therefore, be allocated placements outside the Brisbane metropolitan area. Where allocated placements are 'rural / regional', students should expect to fund these places independently. Allocation of placements will be as equitable as possible. Issues of hardship will be dealt with at the discretion of the Practicum & Clinical Education Manager and Program Coordinator. ** Self-selecting students must have achieved a grade of a minimum of 5 in 2362, 2382, 3372 & 4742 to be eligible to be offered a Yr3, summer practicum.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	2		
Clinical Exercise Physiology Practicum: Musculoskeletal/Neurologi cal Populations	EXMD4702 involves students undertaking supervised clinical practice in affiliated hospitals (public and private), clinics and community settings as required for accreditation as Exercise Physiologists with Exercise and Sports Science Australia. The School of Human Movement Studies is committed to the reduction of urban bias in the content of its programs. Students undertaking clinical practicum as part of their programs in the School of Human Movement Studies could, therefore, be allocated placements outside the Brisbane metropolitan area. Where allocated placements are `rural / regional?, students should expect to fund these places independently. Allocation of placements will be as equitable as possible. Issues of hardship will be dealt with at the discretion of the Practicum & Clinical Education Manager and Program Coordinator	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	2		

Exercise Prescription & Programming for Musculoskeletal Conditions	Application of principles & clinical skills in exercise assessment, prescription & programming as relevant to musculoskeletal injury. Learning tasks in lectures and practicals encourage professionalism and critical reasoning skills. Development of theoretical frameworks and practical skills for physical activity assessment, prescription and programming for individuals with musculoskeletal impairments. Community based field work will complement the theory and practical components. This course had the previous code of HMST4740 which can be viewed in the archived area within the Course and Program site http://www.uq.edu.au/study/archive/index.html	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Exercise Prescription & Programming for Ageing, Metabolic Disease & Cancer	Students will develop a strong understanding of the principles of chronic disease management and acquire the professional and technical skills required to prescribe, program and deliver exercise for individuals with diabetes, cancer, renal disease, obesity, dementia, osteoporosis, arthritis, poor mental health and older adults. Supervised clinic work will be required.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Exercise Prescription & Programming for Cardiorespiratory Disease	To develop theoretical and practical skills for physical activity assessment, prescription and programming for individuals with, or at risk of, cardiovascular or pulmonary disease. To provide students with the skills necessary to interpret an ECG. Interpretation, understanding and evaluation of normal and abnormal rate, rhythm and 12 lead ECGs. Supervised clinical fieldwork will be required. This course had the previous code of HMST4742 which can be viewed in the archived area within the Course and Program site http://www.uq.edu.au/study/archive/index.html	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Clinical Exercise Physiology Major Practicum: Cardiopulmonary/Metabolic Populations	EXMD7315 involves students undertaking supervised clinical practice in affiliated hospitals (public and private), clinics and community settings as required for accreditation as Exercise Physiologists with Exercise and Sports Science Australia. The School of Human Movement Studies is committed to the reduction of urban bias in the content of its programs. Students undertaking clinical practicum as part of their programs in the School of Human Movement Studies could, therefore, be allocated placements outside the Brisbane metropolitan area. Where allocated placements are rural/regional, students should expect to fund these places independently. Allocation of placements will be as equitable as possible. Issues of hardship will be dealt with at the discretion of the Practicum & Clinical Education Manager and Program Coordinator.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	2		
Clinical Exercise Physiology Major Practicum: Musculoskeletal/Neurological Populations	EXMD7316 involves students undertaking supervised clinical practice in affiliated hospitals (public and private), clinics and community settings as required for accreditation as Exercise Physiologists with Exercise and Sports Science Australia. The School of Human Movement Studies is committed to the reduction of urban bias in the content of its programs. Students undertaking clinical practicum as part of their programs in the School of Human Movement Studies could, therefore, be allocated placements outside the Brisbane metropolitan area. Where allocated placements are `rural / regional?, students should expect to fund these places independently. Allocation of placements will be as equitable as possible. Issues of hardship will be dealt with at the discretion of the Practicum & Clinical Education Manager and Program Coordinator.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	2		

Prescription & Programming for Healthy Individuals	Principles and guidelines to develop, deliver and evaluate exercise and physical activity programs for individuals and groups. Focuses on developing safe and effective prescriptions for healthy individuals. Includes practical skills in exercise leadership and prescription and an introduction to musculoskeletal rehabilitation. This course had the previous code of HMST7362 which can be viewed in the archived area within the Course and Program site http://www.uq.edu.au/study/archive/index.html	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Clinical Exercise Physiology Professional Skills	The aim of this course is to assist students who have already completed a minimum of 20 hours of supervised professional experience with the opportunity to consolidate and develop professional and technical skills in exercise science/exercise physiology. Content includes using research skills to evaluate of aspects of current practice, reflective practice, clinical note-taking, communication (inter-professional, peer to peer and practitioner/client), ethics and legal frameworks. Learning activities include: lectures; a research-based seminar series; supervised teaching of technical skills to new students (approximately 8 hours); and a minimum of 120 hours of supervised practical experience with apparently healthy clientele. Orientation to the structure of the exercise science/exercise physiology industry occurs through presentations from industry experts profiling their professional pathways.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Exercise Science Technical Skills	Upon successful completion of EXMD7382, the graduate can, based on research and best practice, competently and safely conduct a health and exercise evaluation, assess physical activity/fitness status, interpret the results and communicate the findings.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Prescription & Programming for Musculoskeletal Conditions	Application of advanced principles & clinical skills in exercise assessment, prescription & programming as relevant to musculoskeletal injury. Students will be expected to develop as a confident and skilled professional within the Allied Health Industry. Learning tasks in lectures and practicals encourage professionalism and critical reasoning skills and the advanced tasks related to Inter-professional education will develop the students skills in creating an effective and recognised professional persona. Development of theoretical frameworks and practical skills for physical activity assessment, prescription and programming for individuals with musculoskeletal conditions will facilitate a greater depth of knowledge in this field. Field work will complement the theory and practical components. This course had the previous code of HMST7740 which can be viewed in the archived area within the Course and Program site http://www.uq.edu.au/study/archive/index.html	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Prescription & Programming for Ageing, Obesity & Cancer	Students will develop a strong understanding of the principles of chronic disease management and acquire the professional and technical skills required to prescribe, program and deliver exercise for individuals with diabetes, cancer, renal disease, obesity, dementia, osteoporosis, arthritis, poor mental health and older adults. Students will apply their research skills to evaluate the role of exercise in prevention/pre-treatment, during treatment, survivorship and palliation (where appropriate) for this range of chronic and/or complex diseases. This evidence-based approach will then be utilised by students during their supervised clinical experience with individuals with cancer.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Prescription & Programming for Cardiorespiratory Disease	To develop theoretical and practical skills for physical activity assessment, prescription and programming for individuals with, or at risk of cardiovascular or respiratory disease. To provide students with knowledge and skills in electrocardiography for which is applicable to the rehabilitation setting. To further develop skills and abilities in literature review and presentation; case study review and risk stratification.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Finance	Provides a comprehensive introduction to financial management & financial analysis. Focuses on creating shareholder value. Topics include the time value of money, stock & bond valuation, capital budgeting & net present value, risk & diversification, & the Capital Asset Pricing Model.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Managerial Finance	FINM2400 provides an introduction to the fundamental principles of finance that are at the core of financial management decisions. After completing this course, students will be familiar with the financial markets available in Australia and be able to: analyse and interpret financial statement data; value financial instruments using time value of money; evaluate financing and investment (capital budgeting) alternatives; and understand the relationship between risk, return and diversification.	Undergraduate	Semester 1, 2018	Business School	2		
Financial Management	Provides a comprehensive introduction to financial management & financial analysis. Focus is on creating shareholder value. Topics include financial modelling, the time value of money, stock & bond valuation, capital budgeting & net present value, risk & diversification, & the Capital Asset Pricing Model.	Undergraduate	Semester 1, 2018	Business School	2		
Principles of Financial Management	Provides a comprehensive introduction to financial management and financial analysis. Focus is on creating shareholder value. Topics include financial modelling, the time value of money, stock and bond valuation, capital budgeting and net present value, risk and diversification, and the Capital Asset Pricing Model.	Undergraduate	Semester 1, 2018	Business School	1		
Financial Management for Business	This course provides students with a comprehensive introduction to financial management and financial analysis, with a focus on creating shareholder value. Topics include: financial modelling; the time value of money; stock and bond valuation; capital budgeting and net present value; risk and diversification; and the Capital Asset Pricing Model.	Undergraduate	Semester 1, 2018	Business School	1		
International Study Tour	This course provides an insight into the complexities and challenges of making operating decisions in a global context. It provides students with an opportunity to engage with various international stakeholders by visiting a number of organisations across the globe.	Undergraduate	Summer Semester, 2	Business School	1		

Corporate Finance	In-depth analysis of financial issues confronting most companies. Strong focus on application & practical relevance. Topics include valuation & project analysis, real option valuation, capital raising, financing & dividend policy, risk management & corporate strategy.	Undergraduate	Semester 2, 2018	Business School	1		
Investments & Portfolio Management	Provides students with techniques for evaluating investments on an individual basis & in the context of portfolio. Techniques for analysing investments focus on maximising expected returns while minimising risk. The most powerful way to achieve this objective is by creating a portfolio of investments. Topics covered are Financial Statement Analysis, Markets & Instruments, Equity Investments, Debt Investments & Portfolio Management.	Undergraduate	Semester 1, 2018	Business School	2		
International Financial Management	Extends financial decision-making to the international setting. Problems introduced through exchange rates are considered. Issues such as the determination of cost of capital, benefits of international diversification, the quantification & hedging of economic exposure are addressed.	Undergraduate	Semester 1, 2018	Business School	1		
Banking & Lending Decisions	This course will consider the uniqueness of the financial institutions, assessment of credit risk and the principles of successful bank lending, as well as risk management in banks. At the end of this course, you will understand the risk assessment of various types of loans, the mechanisms for predicting financial distress, the principles of asset liability management, securitization and its impact of the Global Financial Crisis (GFC) 2007, bank regulation, bank profitability analysis and international banking system.	Undergraduate	Semester 1, 2018	Business School	1		
Derivatives and Risk Management	Introduces forwards, futures & options as securities for risk management & speculation. Exposures to equity, currency, interest rate & commodity risk are examined. Pricing derivatives using analytical & numerical techniques.	Undergraduate	Semester 2, 2018	Business School	1		
Applied Corporate Finance	In-depth analysis of financial issues confronting most companies. Strong focus on application and practical relevance. Topics include valuation and project analysis, real option valuation, capital raising, financing and dividend policy, risk management and corporate strategy.	Undergraduate	Semester 2, 2018	Business School	1		

Advanced Investments and Portfolio Management	Provides students with techniques for evaluating investments on an individual basis and in the context of portfolio. Techniques for analysing investments focus on maximising expected returns while minimising risk. The most powerful way to achieve this objective is by creating a portfolio of investments. Topics covered are Financial Statement Analysis, Markets and Instruments, Equity Investments, Debt Investments and Portfolio Management.	Undergraduate	Semester 1, 2018	Business School	1		
Financial Institutions Management	This course will consider the financial management of financial institutions and the assessment of credit risk as applied to bank lending. Considerable industry involvement through guest lecturers and presenters will result in a practical understanding of risks assessment, financial distress prediction, asset/liability management, securitization, bank regulation, bank profitability and the international banking system.	Undergraduate	Semester 2, 2018	Business School	1		
Fixed Income Analytics and Treasury Management	Provides students with a comprehensive understanding of the corporate treasury management function. Covers bond mathematics and the concepts of duration and convexity. Valuation of embedded options, swaps, credit default swaps, collateralised debt obligations. Treasury risk management. The credit rating process.	Undergraduate	Semester 2, 2018	Business School	1		
Financial Modelling	Provides students with a comprehensive set of financial modelling skills. Covers corporate and project valuation, sensitivity and scenario analysis, optimisation, Monte Carlo simulation, value-at-risk.	Undergraduate	Semester 2, 2018	Business School	1		
Investment Project Appraisal	Principles of financial appraisal of capital projects,and applications to agriculture/agribusiness investments. Areas covered include principles of interest and finance, cash flow calculations and investment criteria, allowing for risk, and portfolio selection.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Corporate Finance Honours	Develops a rigorous framework for analysing a range of corporate finance issues with a strong focus on practical applications. Centred around (i) cost of capital estimation, & (ii) creating firm value via capital structure management. Topics include the value of franking credits, market risk premium, marginal tax rates, beta estimation, credit ratings, default premiums, & optimal capital structure.	Undergraduate	Semester 1, 2018	Business School	1		

Empirical Finance Honours	This subject examines empirical methods commonly-employed in finance and capital markets research. Students undertake in-depth study of key articles in the field. Students will also develop a strong working knowledge of various methodologies, as well as the requisite statistics and econometrics. As such, the dual focus is to understand the research methodologies that are employed in finance, and to develop skills in conducting independent research.	Undergraduate	Semester 1, 2018	Business School	1		
Corporate Finance	In depth analysis of financial issues confronting most firms. Strong focus on application and practical relevance. Topics include financing & dividend policy, real option valuation, risk management and mergers & acquisitions.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Portfolio Management	Provides students with techniques for evaluating investments on an individual basis and in the context of portfolios. Techniques for analysing investments focus on maximising expected returns while minimising risk. The most powerful way of achieving this objective is by creating a portfolio of investments. Topics covered are financial statement analysis, equity investments, debt investments, portfolio management, and macroeconomic and industry analysis.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Financial Risk Management	Use of swaps & futures to manage interest rate, commodity price & exchange rate risk. Practical application of important risk management principles & tools in a bond trading game.	Postgraduate Coursework	Semester 1, 2018	Business School	2		

International Financial Management	The course extends financial decision-making to the international setting. Topics include the foreign exchange market, predicting exchange rate movements, hedging exposures with various derivative and other alternatives, the challenges of raising funds internationally and the process and documents of international trade. The course makes extensive use of case studies and there is an expectation that students will make recommendations to real life problems and justify their decisions. This is a challenging course with a significant theory content which requires seminar attendance and participation in addition to the appropriate independent study and thought to be successful.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Financial Institutions and Markets	Provides primarily an overview of the operation of financial institutions including risk management and profitability, as well as an overview of financial markets.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Financial Management for Decision Makers	Financial Management for Decision Making is designed to introduce students to accounting and finance with a focus on decision making within the organisation. The course will begin with a discussion of the finance and accounting functions in a business organisation and students will be able to explain how risk, ethical issues and stakeholder needs influence shareholder objectives. Students will learn to analyse and interpret financial statements, undertake financial forecasts and make capital investment decisions. Specifically, the time value of money and discounted cash flow methods will be implemented and evaluated in the context of alternative capital budgeting techniques. Methods of raising finance will be explored and students will be able to explain how to calculate the cost of capital and debate the issues surrounding capital structure. This debate will extend to distributions to shareholders. Concepts of risk and return will then be analysed in the context of the capital market and students will be able to provide an analysis of market efficiency and asset pricing models.	Postgraduate Coursework	Semester 1, 2018	Business School	2		

Financial Management	This course provides a comprehensive overview to corporate financial decision making and adding value to the firm. The course will cover a number of important concepts and introduce such topics as financial mathematics, short-term financial management, debt and equity securities and their valuation, project evaluation with emphasis on the discounted cash flow techniques of net present value (NPV) and internal rate of return (IRR), portfolio theory and diversification, the weighted-average cost of capital (WACC), risk and the capital asset pricing model (CAPM), hedging with derivatives.	Postgraduate Coursework	Semester 1, 2018	Business School	3		
Financial Management in the Public Sector	This course provides an introduction to corporate financial management. Topics covered in the workshops include business cases, the fundamentals of finance (such as the time value of money), and the investment decision.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Asset Management in the Public Sector	This course focuses on the techniques and processes for evaluating assets and investments. Topics covered in the workshops include procurement management frameworks, whole-of-life outcomes, asset management maturity level and economic life of assets.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Agribusiness Project Appraisal	Principles of Financial appraisal of capital projects and applications to agriculture/agribusiness investments. Areas covered include principles of interest and finance, cash flow calculations and investment criteria, allowing for risk, and portfolio selection.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Basic Fire Dynamics	(course runs for one week intensive - total 20 hours) This foundation course aims to provide basic skills and knowledge on the principles of fire dynamics. This includes principles of fire growth and performance assessment of fire safety products.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		
Fire Protection Systems	(course runs for one week intensive - total 20 hours) This course aims to enable students to apply leading practice principles in fire protection technologies.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		

Introduction to Fire Safety Engineering	This course provides an introduction to the implementation of fire safety in infrastructure, industry and vehicles. The focus of the course is to establish the knowledge and rationale followed when bringing safety into the design process.	Undergraduate	Semester 1, 2018	Civil Engineering School	1		
Fire Engineering Design: Solutions for Implicit Safety	This course aims to enable students to apply leading practice principles in prescriptive implementation of fire safety and fire protection technologies. This course aims to provide students with skills and knowledge to use codes and standards to deliver a "Deem To Satisfy" building. This course emphasizes design and assessment.	Undergraduate	Semester 1, 2018	Civil Engineering School	1		
Prescriptive Solutions for Fire Safety	(course runs for one week intensive - total 20 hours) This course aims to provide students with the basic skills and knowledge to use codes and standards to deliver a "Deem To Satisfy" building. This course emphasizes design and assessment.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		
Performance Based Solutions in Fire Safety	(course runs for one week intensive - total 20 hours) This course aims to provide students with the basic skills and knowledge to develop an explicit fire safety strategy.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		
Fire Dynamics Laboratory	(course runs for one week intensive - total 20 hours) This course aims to enable students to collect and analyse data to establish the origin, validity and limitations of fire safety calculations.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		
Design Project: Code Based	This course provides the student with the opportunity to develop a prescriptive solution to a building design.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		
Research Project: Performance Based	This course provides students with an opportunity to apply all the knowledge and skills developed across the whole course to a real world problem and undertake a research project to provide a solution. An independent, industry based research project.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		

Research Thesis	This course provides students with an opportunity to apply all the knowledge and skills developed across the whole course to a research or real world problem. Students commencing the course in Semester One enrol in FIRE7500 in both Semester one and Semester two. Students commencing the course in Semester Two enrol in FIRE7501 in Semester two and the following Semester 1.	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	2		
Fire Dynamics	This course aims to build on the skills and knowledge on the principles of fire dynamics that were introduced in FIRE3700. Detail will be developed in the following areas: fire growth, combustion chemistry, smoke behaviour, compartment fires and heat transfer.	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	1		
Fire Dynamics Laboratory	This course aims to enable students to collect and analyse data to establish the origin, validity and limitations of fire safety calculations.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		
Structural Fire Engineering	This course aims to provide students with skills and knowledge to evaluate the explicit performance of structures in fire.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		
Fire Engineering Design: Explicit Quantification of Safety	This course aims to provide students with the skills and knowledge to develop an explicit fire safety strategy.	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	1		
Advanced Food Materials Science	Advanced knowledge and understanding of food materials systems; relation between property-process-structure-performance of foods; glassy and crystalline state of foods; phase transitions; gel structures; interfacial properties; nanostructures and nanotechnology for foods; micro- and nano-encapsulation technologies and stability and delivery of nutrients; sensory and rheology/tribology relationships; food product design based on materials properties; food material characterising techniques.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Food Safety & Quality Management	Total quality management principles & their application in ensuring product quality & safety. Statistical process control. Development of food safety programs & auditing of these. International & national food regulatory systems. Current issues in food safety. The development of & scientific basis for food regulations. Applied risk analysis.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		

Principles of Food Preservation	Food preservation methods & techniques used in commercial food processing.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Food Science	Fundamental principles of food science; science of sugar, meat, milk, seafood, fruits & vegetables, eggs, fats & oils, & grains & their derived products.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Food Process Engineering I	Physical principles, associated calculations & basic equipment relevant to food processing operations, including heat transfer & heat exchangers, thermodynamics, gases & vapours, steam, psychrometry, mass & energy balances, fluids & fluid flow, basic rheology, refrigeration, & instrumentation & control.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Functional Foods & Nutraceuticals	Functional foods are considered as those foods which are intended to be consumed as part of the normal diet but contain bioactive substances that offer the potential of enhanced health or reduced risk of disease. Nutraceuticals are concentrated forms of the food bioactives intended to be consumed as supplements in the form of tablets, capsules or liquid concentrates. Examples of functional foods include foods that contain specific fatty acids (e.g. omega 3) or dietary fibre (e.g. beta glucan), or biologically active substances such as phytochemicals or other antioxidants or probiotics with live beneficial cultures. Consumer awareness and interest in the relationship between diet and health has increased substantially and health is now a major driver for market positioning of foods. The course covers the issues and challenges in the development, evidence testing, marketing and changing regulations controlling functional foods and nutraceuticals. It will prepare students to assist industry with exploiting this growing opportunity.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Food Structure & Sensory Science	Introduction to the principles & applications of sensory evaluation of food; instrumental assessment of food structure; influence of food micro & macro-structure on the texture & colour of foods measured instrumentally as well as perceived sensorially.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		

Food Process Engineering II	Advanced knowledge and understanding of process and engineering principles of various methods of heating, cooling freezing, drying of foods, crystallisation and membrane separation. Water relations in foods and kinetics of physico-chemical changes during processing.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Food Product Development	Techniques involved in systematic food product development.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Food Policy, Safety & Quality Management	Total quality management principles & their application in ensuring product quality & safety. International & national food regulatory systems & the development of, & scientific basis for, food regulations.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Bush Foods of Australia	This course will focus on the chemistry, biology, taste and nutritional value of Australian native foods. We will explore the potential opportunity for different foods in Australia's market place, and discuss the issues around bringing a new food to the market, in the context of culture, biopiracy, intellectual property and the preservation and conservation of plant genetic resources.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Professional Practice	Period of 14 weeks continuous, full-time, structured, course-related experience in a production enterprise or service industry which enables the student to apply their basic knowledge to that industry & to acquire knowledge & skills which can be used later in the program.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Special Topic	Directed work conducted under supervision of a member of academic staff & approved by Head of School (or nominee).	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Research Project	This course is designed to introduce the students to research methods. This course forms the central part of the research effort of the School, with the expectation that the students will develop skills to undertake research and report their findings in the form of a technical report, project report or scientific publication.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Research Project	This course is designed to introduce the students to research methods. This course forms the central part of the research effort of the School, with the expectation that the students will develop skills to undertake research and report their findings in the form of a technical report, project report or scientific publication.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	2		

Honours Research Project	Design, implementation & presentation of research project relevant to student's program of study, with emphasis on defining the research issue, establishing methodology, undertaking appropriate analysis of data & drawing defensible conclusions. - Students commencing in Semester 1 full-time enrol in FOOD6001 for 2 consecutive semesters; - Students commencing in Semester 2 full-time enrol in FOOD6002 for 2 consecutive semesters.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Principles of Food Preservation	Food preservation methods & techniques used in commercial food processing.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Food Chemistry & Analysis	Studies of the chemistry & stability of food components, how they interact to affect the properties of food, & their identification & quantification using modern analytical chemistry techniques.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Food Sensory & Physical Assessment	Introduction to the principles & applications of sensory evaluation of food; instrumental assessment of food structure; influence of food micro & macro-structure on the texture & colour of foods measured instrumentally as well as perceived sensorially. Advanced sensory evaluation techniques.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Food Product and Process Designs	An advanced understanding on a food product design based on the integrated technological, regulatory, safety and economic analysis; practical skill development to process a food and its physical, chemical, microbiological and sensory quality assessments; assessment of process performance.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Food Processing Technology	Advanced knowledge and understanding of process and engineering principles of various methods of heating, cooling, freezing, drying of foods, crystallisation, extrusion and membrane separation; water relations in foods and kinetics of physico-chemical changes during processing.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		

Professional Experience	This course which is held over a period of 14 weeks involves continuous, structured industry experience in a production or service enterprise. It enables the students to apply their theoretical knowledge and research skills developed earlier in their Master of Food Science and Technology program to that industry and to acquire greater understanding of industry operations and requirements which will enhance their career opportunities. It is expected that in turn the student will provide valuable contributions to the host organisation. During the period of professional experience, the student will be subject to the conditions of employment laid down by the company and in accordance with company policy and regulations. A member of University staff is appointed as a supervisor for each student and each employer is required to appoint a supervisor for the student. The academic supervisor will meet with the student at least once during the placement period to discuss progress with the employer and the student. Interstate and international placements will only be permitted if a staff member can visit at least once during the placement or maintain contact via e-mail or the internet. Students are required to submit assessable items during and at the conclusion of the placement. The industry supervisor will also assess the student's performance.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Bush Foods of Australia	This course will focus on the chemistry, biology, taste and nutritional value of Australian native foods. We will explore the potential opportunity for different foods in Australia's market place, and discuss the issues around bringing a new food to the market, in the context of culture, biopiracy, intellectual property and the preservation and conservation of plant genetic resources.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		

Special Studies in Food Science and Technology	This course gives students flexibility to study in depth topics which are not covered directly by other formal courses. In general, there are no lectures and hence no timetable for them, but will require self-directed study with the student having to formulate a topic, retrieve information, structure and write the assignments. There will be three assignments and the topics will be in the area of food science and technology. The student will agree on the topics after consultation with the course coordinator or another academic staff member in a specific area in some instances. A list of possible topics will be provided to the student.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Advanced Functional Foods	Functional foods are considered as those foods which are intended to be consumed as part of the normal diet but contain bioactive substances that offer the potential of enhanced health or reduced risk of disease. Nutraceuticals are concentrated forms of the food bioactives intended to be consumed as supplements in the form of tablets, capsules or liquid concentrates. Examples of functional foods include foods that contain specific fatty acids (e.g. omega 3) or dietary fibre (e.g. beta glucan), or biologically active substances such as phytochemicals or other antioxidants or probiotics with live beneficial cultures. Consumer awareness and interest in the relationship between diet and health has increased substantially and health is now a major driver for market positioning of foods. The course covers the issues and challenges in the development, evidence testing, marketing and changing regulations controlling functional foods and nutraceuticals. In this course students will develop an advanced knowledge of functional foods allowing them to form critical opinions of their efficacy and also about the currently increasing stringent health claim regulations within Australia and overseas.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		

Graduate Research Project III	Design, implementation & presentation of a research project, approved by the Head of School & relevant to the course, with emphasis on defining the research issue, establishing methodology, undertaking appropriate analysis of data & drawing defensible conclusions. Students completing the course in one semester must gain permission to enrol in FOOD7617 from both the Program and Courses Coordinators. Students completing the course in two semesters must enrol in FOOD7618 if commencing in sem 1 or FOOD7619 if commencing in sem 2.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Graduate Research Project III	Design, implementation & presentation of a research project, approved by the Head of School & relevant to the course, with emphasis on defining the research issue, establishing methodology, undertaking appropriate analysis of data & drawing defensible conclusions. Students completing the course in one semester must enrol in FOOD7617. Students completing the course in two semesters must enrol in FOOD7618 (for both sem1 & 2) if commencing in sem 1 or FOOD7619 (for sem 2 & sem 1 of the following year) if commencing in sem 2.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Graduate Research Project III	Design, implementation & presentation of a research project, approved by the Head of School & relevant to the course, with emphasis on defining the research issue, establishing methodology, undertaking appropriate analysis of data & drawing defensible conclusions. Students completing the course in one semester must enrol in FOOD7617. Students completing the course in two semesters must enrol in FOOD7618 (for both sem1 & 2) if commencing in sem 1 or FOOD7619 (for sem 2 & sem 1 of the following year) if commencing in sem 2.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Dissertation	Project involving introduction to sustained research & production of honours thesis, in French, requiring establishment of reading list, writing of annotated bibliography of basic literature, definition of parameters of topic & research methodology. Students commencing in sem 1 enrol in FREN6910; students commencing in sem 2 enrol in FREN6911.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	2		

Dissertation	Project involving introduction to sustained research & production of honours thesis, in French, requiring establishment of reading list, writing of annotated bibliography of basic literature, definition of parameters of topic & research methodology. Students commencing in sem 1 enrol in FREN6910; students commencing in sem 2 enrol in FREN6911.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		
Introductory French 1	Introduction to basic skills of communication in French language. Open only to students with no previous experience of French. Part 1 of 2-semester program leading to FREN2010.	Undergraduate	Semester 1, 2018	Languages & Cultures School	2		
Introductory French 2	Extension of basic skills of communication in French language.	Undergraduate	Semester 2, 2018	Languages & Cultures School	2		
Intermediate French 1	Builds on language and communication skills acquired in FREN1010 & FREN1020. A short autobiography provides opportunities for greater work on reading skills.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Intermediate French 2	Further development of communication skills in French language. It provides for the further development of oral skills, accompanied by a new emphasis on reading and writing in French.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
French Language and Culture 1: Streams A and B	FREN3111 builds on the language competencies developed in the beginners and intermediate courses. Through the detailed study of authentic written and audiovisual French-language texts, students further develop their linguistic and intercultural skills.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
French Language and Culture 1: Post-secondary	FREN3112 builds on the language competencies developed at secondary school. Through the detailed study of authentic written and audiovisual French-language texts, students further develop their linguistic and intercultural skills.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
French Language and Culture 2	This course aims to improve students' competencies in the four key areas of reading, writing, listening and speaking. Particular emphasis is placed on the relationship between text and context, with students examining the importance of not just linguistic but historical and cultural understanding in the analysis of authentic cinematic, televisual and written texts in French.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		

French Language and Culture 3	This course continues the core language progression. It is designed to develop ease and flexibility in the expression of time in French through visual, oral and written activities dealing with narration in a variety of genres.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
French Language and Culture 4	This course equips students to use markers of description in French, as writers and readers, as listeners and speakers. Through the study of a variety of types of texts and audiovisual materials, students will improve their general proficiency in the French language and specifically their ability to engage in descriptive discourse.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
French Language and Culture 5	The course develops general advanced language skills and equips students to use markers of argumentation in spoken and written French.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Textes et Modernite	This course aims to explore the concept of literary modernism in French literature of the 19th and 20th centuries. By spanning a broad period, the course will give students a global view of important literary movements while allowing close analysis of relationships and connections among the specific texts and authors studied.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
French for Business	This course equips students for a variety of situations working in Europe or in French-speaking companies in Australia. Students will learn to communicate and operate effectively in a French business context and will gain an understanding of the French business environment through readings and class activities.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Identites francaises et francophones	Taught in French, this course allows students to study a variety of French language texts in order to gain insights into how issues relating to identity (nationality, ethnicity, gender, sexuality etc) influence cultural production across various genres.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
French Study Project	This course offers the experience of a guided individual research or translation project. Students explore a topic of their own choice negotiated with a member of staff. Before enrolling in this course, students should consult the program convenor to discuss & determine suitable program on basis of previous and likely future interests.	Undergraduate	Semester 1, 2018	Languages & Cultures School	2		

Applied Demography	Explores the application of demographic theory, data and methods of analysis to contemporary real world problems in social and economic planning. There is an emphasis on methods of analysing demographic data & theories of population change, including: for making population projections; analysing local population dynamics, community demography, ageing & the use of demography in planning & business.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		
Dissertation	This subject involves an introduction to sustained research and the production of an honours thesis, in French, requiring (in conjunction with an individual advisor) the establishment of a research question, a reading list, the writing of annotated bibliography of basic literature, definition of parameters of topic and research methodology.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Gender Matters	GEND1010 offers an introduction to key concepts, approaches and methodologies for Gender Studies, and the use of these for the reading of various media, journalistic, film and literary texts.	Undergraduate	Semester 1, 2018	Education School	1		
Genders & Cultures: Comparative Perspectives on Race and Ethnicity	Aims to give insights into how gender interacts with race and ethnicity in relation to various issues and how this can be read in cultural production across a variety of genres. The course's main focus is on the notions of gender, race/ethnicity, and sexuality, and their various interpretations and associated practices, in a number of cultures around the world. The course discusses the historical development of those notions in Western thought, and their various and successive reinventions by feminist thinkers and queer theoreticians, drawing on the disciplines of women's and gender studies, men's and GLBT studies, race cognisant, and anti-racism approaches and whiteness studies. The course will consider these ideas in transnational frames and contexts.	Undergraduate	Semester 2, 2018	Education School	1		
Gender Research: Approaches and Methodologies	The course includes in-depth discussion of methodologies and strategies for cross-cultural research, including those informed by feminist perspectives and some of the current debates and controversies in relation to gender research across various disciplines within international frames across cultures, and within the context of rapid global change.	Undergraduate	Semester 1, 2018	Education School	1		

Regional Economic Development Planning	Theories of regional development; tools for regional economic analysis; community audits & evaluation of institutional capacity & capability; shift-share, inputs-outputs, industry cluster, & multi-sectorial analysis; strategic planning for undertaking regional economic development; regional economic policy & practice; studies from Australia, USA, US, & Europe.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		
Applied Demography	Explores the application of demographic theory, data and methods of analysis to contemporary real world problems in social and economic planning. There is an emphasis on methods of analysing demographic data & theories of population change, including: for making population projections; analysing local population dynamics, community demography, ageing & the use of demography in planning & business	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Geographical Information and Data Analysis	This course develops fundamental quantitative, statistical and spatial thinking skills for geographers, planners, and environmental scientists and managers to underpin understanding and management of our natural and built environments and human activities. It draws from practical examples to enable students to appreciate the nature of spatial data collected from primary and secondary sources and to make informed decisions through scientific analysis of data and information. Emphases are on when and why the various data analysis techniques should be applied, how analytical procedures are conducted and the interpretation of results. Computers and data analysis software will be used.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Advanced Geographical Information Systems	This course develops skills and a deeper understanding to conduct detailed analysis in geographical information systems (GIS) using basic statistical methods and spatial analysis. Students learn to analyse spatial patterns and relate these to processes in the natural environment and human spatial behaviour. Students also gain knowledge and skills to develop geoprocessing models and for making decisions related to planning and management.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		

Spatial Sciences Thesis	Major research project, with proposal and report to demonstrate real world problem solving skills and technical proficiency using GIS and/or remote sensing. Research topic & program subject to approval of the GIS Program Coordinator & Head of School. A research topic approval form must be submitted before enrolment can be completed. Contact School for details. Students commencing course in sem 1 enrol in GEOM7007 for sem 1 and sem 2; students commencing in sem 2 enrol in GEOM7008 for sem 2 and the following sem 1. Students completing the course in a single semester enrol in GEOM7009. Students commence course in summer semester enrol in GEOM7010 for summer semester and the following sem 1. Students commencing course in semester 2 enrol in GEOM7011 and the following summer semester.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		
Spatial Sciences Thesis	Major research project, with proposal and report to demonstrate real world problem solving skills and technical proficiency using GIS and/or remote sensing. Research topic & program subject to approval of the GIS Program Coordinator & Head of School. A research topic approval form must be submitted before enrolment can be completed. Contact School for details. Students commencing course in sem 1 enrol in GEOM7007 for sem 1 and sem 2; students commencing in sem 2 enrol in GEOM7008 for sem 2 and the following sem 1. Students completing the course in a single semester enrol in GEOM7009. Students commence course in summer semester enrol in GEOM7010 for summer semester and the following sem 1.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		

Spatial Sciences Thesis	Major research report to demonstrate real world problem solving skills using GIS. Research topic & program subject to approval of the GIS Program Coordinator & Head of School. A research topic approval form must be submitted before enrolment can be completed. Contact School for details. Students commencing course in sem 1 enrol in GEOM7007 for sem 1 and sem 2; students commencing in sem 2 enrol in GEOM7008 for sem 2 and the following sem 1. Students completing the course in a single semester enrol in GEOM7009. Students commence course in summer semester enrol in GEOM7010 for summer semester and the following sem 1. Students commencing course in semester 2 enrol in GEOM7011 and the following summer semester.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		
Geographical Information and Data Analysis	This course develops fundamental quantitative, statistical and spatial thinking skills for geographers, planners, and environmental scientists and managers to underpin understanding and management of our natural and built environments and human activities. It draws from practical examples to enable students to appreciate the nature of spatial data collected from primary and secondary sources and to make informed decisions through scientific analysis of data and information. Emphases are on when and why the various data analysis techniques should be applied, how analytical procedures are conducted and the interpretation of results. Computers and data analysis software will be used.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		
Geographic Information Science Research Project	Research project, with proposal and report to demonstrate real world problem solving skills and technical proficiency using GIS and/or remote sensing. The research requires at least one suitable staff member from within field of geographical information science to agree to be your advisor. A research topic approval form must be submitted before enrolment can be completed.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		

Honours Research Thesis	Research thesis describing the background, methods, results & discussion of research work executed. Students commencing course in sem 1 enrol in GEOS6100 for sem 1 and sem 2; students commencing in sem 2 enrol in GEOS6101 for sem 2 and the following sem 1; students enrolling part-time enrol in GEOS6102.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		
Honours Research Thesis	Research thesis describing the background, methods, results & discussion of research work executed. Students commencing course in sem 1 enrol in GEOS6100 for sem 1 and sem 2; students commencing in sem 2 enrol in GEOS6101 for sem 2 and the following sem 1; students enrolling part-time enrol in GEOS6102.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		
Geography of Australia	This course acquaints students with keynotes in Australian geography. It seeks to provide students with an integrated account of the natural and human systems that characterise the contemporary geography of Australia and identify the big issues facing Australia in the 21st Century. The course will develop students' quantitative skills in geographical analysis and demonstrate the relevance of geography to planning and policy formulation.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Research Topic	Advanced coursework, field trip &/or research projects in particular specialised aspects offered by staff members in their fields of interest. A research topic approval form must be submitted before enrolment can be completed. Contact School for details.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	3		
Advanced Science Research Topic in Geographical Science	Individual research project in an area of specialisation offered (on a discretionary basis) by staff members in their field of interest. Where opportunities permit students will work alongside PhD candidates and/or staff on a dedicated component of an exisiting research project. Departmental consent is required. Prior to obtaining consent, intending students must discuss their project with, and obtain agreement to supervise that project from, an appropriate member of academic staff. A consent form must be completed and submitted for approval before enrolment will be permitted.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	2		

Research Philosophy, Design & Implementation	Development of research proposal for honours year through active participation in a workshop style class which covers all aspects of research design, implementation, management and communication. The activities covered directly contribute to developing a viable honours proposal and effective working relationship with your Honours Advisor.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	2		
Research Philosophy, Design & Implementation	Theory, philosophy & application of research in geography, planning and environmental management with an emphasis on building up the research proposal required for Masters or Doctoral theses.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		
Biogeography & Geomorphology	This courses examines the physical processes and linkages operating within the biosphere (biogeography) and lithosphere (geomorphology), with a particular focus on to role that temporal and spatial scales impact environmental processes. This course is also a foundation for advanced courses in environmental processes and management and has an emphasis on the environments of the Giant Sand Masses of South East Queensland with a field trip to North Stradbroke Island. Additional fees may be payable.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		
Research Topic 1 (Geographical Sciences)	Individual or group research studies. A research topic approval form must be submitted before enrolment can be completed. Contact School for details.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		
Advanced Discipline Readings	Students will conduct a systematic review of the scientific literature, critique the relevant literature and synthesize the information relevant to their research thesis. Students will present the results in the form of a written presentation.	Postgraduate Coursework	Semester 1, 2018	Public Health School	1		
Research Methods & Thesis Preparation	This course will provide research students with an overview of the variety of research methods used in health research and the skills to determine which research methods best answers their research question. Students will learn how to develop a research proposal for the purpose of conducting research as part of their thesis.	Postgraduate Coursework	Semester 1, 2018	Public Health School	1		
Introductory Greek	A course designed to teach basic grammar and reading skills in the ancient Greek language. This is not a course in modern Greek language. NOTE: Instruction by small group teaching.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		

Intermediate Greek	Intermediate course in the ancient Greek language, following on from GREK1110. Further Greek grammar and introduction to reading several Greek authors. This is not a course in modern Greek language. NOTE: Instruction by small group teaching.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Greek Language & Literature 1	An advanced reading course in ancient Greek which introduces the works of several Greek orators and playwrights. This is not a course in modern Greek language. NOTE: Instruction by small group teaching.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Greek Language & Literature 2	Intensive study of a Greek author. This is not a course in modern Greek language. NOTE: Instruction by small group teaching.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Advanced Greek 1	A detailed study of Greek literary and historical texts chosen by the Course Coordinator.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Advanced Greek 2	A detailed study of Greek literary and historical texts chosen by the Course Coordinator.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Greek Honours Research Thesis	Greek honours students will write a thesis of 16,000 words on a topic agreed with their advisor after consultation. The thesis will incorporate evidence of substancial translation and analysis. Note: Student commencing the thesis in semester 1 enrol in GREK6311; students commencing the thesis in semester 2 enrol in GREK6312.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	2		
Greek Set Texts	A detailed study of Greek literary and historical texts chosen by the Course Co-ordinator.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Greek Guided Texts	A detailed study of Greek literary and historical texts chosen by the Course Coordinator.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Introductory German Language 1	Beginners' course in German language, introducing skills in speaking, listening, writing & reading.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Introductory German Language 2	Consolidation of the German language skills developed in GRMN1010. Students with prior learning may be able to commence their studies at an appropriately advanced level. Further information is available from the School of Languages and Cultures.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Continuing German Language 1	This course revises and extends the language skills inculcated in GRMN1010 and GRMN1020 or in Senior German.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Continuing German Language 2	This course consolidates and extends the language skills taught in GRMN2010.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		

Inside Germany - Contemporary German Cultures	This course provides students with background information, in German, about a selection of significant events, trends, places & persons in the German-speaking countries. The topics are contextualised in terms of political cultures, popular cultures & subcultures. This contextualisation includes an overview of the German media industry & other processes which contribute to the shaping of public opinion. Students in this course will develop sophisticated skills in sourcing & evaluating background information pertaining to German cultures.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Advanced German Language 1	This course extends the four macroskills (reading, writing, speaking and understanding German) developed in the four preceding semesters of German study.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Advanced German Language 2	This course further develops the four macroskills (reading, writing, speaking and understanding spoken German) practised in GRMN3010.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Advanced German Language 3	Advanced language course which consolidates and extends spoken and written fluency.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Advanced German Language 4	Continuation of GRMN3110.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Advanced Special Topics in German Studies	The course develops advanced skills in German studies, including literary appreciation, film analysis and the critical interrogation of important historical movements and philosophical directions within Germany's cultural legacy. The German-language text corpus (narrative, literary, filmic) is sufficiently flexible to cater for differing students' interests and priorities.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		

The Australian Experience	The Australian Experience is designed to present a broad introductory survey to some of the key issues and themes relating to Australian society and culture across a wide time-frame. We begin before colonisation, with ancient Indigenous cultures, and end in the more recent past. Across this period, Australia underwent dramatic transformations in social, racial, cultural, economic and environmental terms. Throughout the course, we will gain an understanding of the brutalities of the colonial process; the relationships of the Europeans to this 'new' land; the developing society in the Antipodes; the new cultural forms of nationalism in the late nineteenth century; and finally to the importance of White Australia. In the twentieth century, we will consider the impact of wars and Depression, and the cultural shifts of liberation movements later in the century. The course is designed to introduce students to some of the leading scholarship and debates in studies of Australian history, society and culture. While questions of gender, race and class are important organising themes, the course is also designed to engage with contemporary lines of critical inquiry such as questions of space, place and landscape, memory and historical imagination, identity politics, popular culture and post/colonialism. Our key focus is upon the many different and contested stories that make up our understanding of the national past, the intention being to convey its multi-layered and complex texture.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
The Medieval and Early Modern World	This first-year History "Gateway" course examines the medieval and early modern world through the lens of the plague. Through a rich variety of contemporary sources and critical (in-class) discussions, it explores the fundamental social, political, religious, and cultural experiences of these respective periods, with a view to developing and enriching students' understanding of historical methods and practice along the way.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		

Turning Points in World History	Introduces students to key turning points in world history in order to help them gain an understanding of how people and societies have responded throughout the centuries to globalising forces that have promoted the spread of science and technology, religion, trade and culture.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Bodies of Knowledge: History of Science and Medicine.	This course introduces students to significant aspects of the rise of modern medicine, the cognitive evolution & the intellectual & social influences of the biomedical & social sciences in Europe from the early modern period to the mid-twentieth century. Topics covered include: the development of anatomical models, dissection and the surgical profession 1600-1730; theories of physical processes & the discovery of the circulation of the blood, 1615-1700; the influence of the scientific revolution on theories of physiology & mental functions, 1680-ca1960; the diagnosis & treatment of madness, 1620-ca1960; theories of evolution, life & reproduction, 1600-1890; the emergence of the modern medical profession, 1730-ca1960; theories of physical norms, phrenology & their social & scientific influences; obstetrics & gynaecology, 1600-1900; public health & disease in Europe, 1600-1900; scientific explanations of crime & social deviancy 1840-1900; health regimes, diet, old age & its management, 1600-ca1960.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
China: From Empire to Republic, 1500-1951	In-depth introduction to modern Chinese society, culture, institutions & economy from 1800-1950. Particular attention is paid to the following themes: rebellion and revolution, relations between urban and rural society, and the impact of imperialism on Chinese politics, society, economy and ideas. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Contemporary China: The People's Republic, Hong Kong & Taiwan since 1949	In-depth introduction to contemporary Chinese society, culture, institutions & economy from 1949 to today's China, Hong Kong & Taiwan. Particular attention is placed on reforms since 1978 and Sino-Australian relations. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		

The Modern Middle East	International history of Middle East including decolonisation, regional relations, Cold War tensions, Iran, Palestinian-Israeli conflict, Gulf War. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Australians at War	Examines Australian involvement in, and experience and memory of, a range of conflicts from 1788 onwards. Topics range from frontier wars to current strategic alliances, and from the experience of soldiering to the homefront. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
The History Makers	This course investigates how key historians have approached and written about the past. By introducing students to schools of history-writing since about 1900, we discuss major historians in their own context, along with significant concepts that have shaped historical inquiry. We consider how those concepts arose, and why they have been influential. These insights help students develop their own sense of `the historian's craft'.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Germany from Hitler to Reunification (1933-1991)	Tyranny of Third Reich, its domestic and foreign policies (Holocaust and World War II) and overthrow in 1945. Growth of two successor states, one Western and democratic, other in Soviet bloc and a communist dictatorship. Reunification of two Germanies in 1990/91. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Witchcraft & Demonology in Early Modern Europe & Its Colonies	Addresses social implications of belief in devils and witches. Examines writings on demonology, and impact of particular beliefs in relation to witch trials and question of women as witches. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
The Radical Right & Fascism in Europe	Examines new mass-based right-wing politics in Europe since 1880s; rise of Fascist movements in Italy, Germany, France & Eastern Europe; Spanish Civil War; Fascist & Nazi regimes: European radical right today. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		

Sex in History	This course offers students the opportunity to consider some of the key ideas about sexuality and scandal in Europe, Australia, America and the Empire, from the Victorian period to the most recent past. This broad period saw concepts of sexuality radically redefined, with sexual constructions and sexual identities entirely reconcieved. The unit course also explore the ways sexuality intersects with other tropes, particularly race, class and gender. Students will gain an understanding of the concept of sexuality as an historical category and knowledge of the ways in which sexuality is relevant to the consideration of major intellectual, political and social developments in history. This will allow students to understand and appreciate sexual difference in the past, and also provide valuable critical tools for the study of sex in the present.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Body, Fashion & Consumption in History	This course examines the relationships among the human body, fashion & consumption, emphasising the dynamics of political & economic change & the impact of changing concept of beauty, advertising cultures & mass consumption. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Japan and the World	This course aims to introduce students to the history of Japan's interaction with the rest of the world, with a focus on Japan's path to modernization and its relationship with Australia. The course begins by examining Western views of Japanese history and questions some common stereotypes. Japan's history is marked by extensive borrowing from other nations and this was particularly the case during the nineteenth century. There was contact with Australia during this time and growing fears regarding the Japanese empire's southward advance. The Pacific War and the experience of POWs had a major impact on Australian attitudes to the Japanese people. The postwar period was marked by a growing mutual interdependence between the two nations and growing economic, political and cultural ties.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		

History of Sport & Physical Activity in Australian Society	The course critically examines representations of the Australia's sporting past through the lenses of memorials, museums, film and the internet. As part of this approach, there is a focus on Australian sporting icons including Les Darcy, Dawn Fraser, Eddie Gilbert, Peter Norman and Michael O'Loughlin as well as the Australian Sport Museum (Melbourne), the Ration Shed Museum (Cherbourg) and the Australian Paralympic Movement.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Playing on the Big Stage: Histories of the Olympics and Paralympics	Examination of the historical, socio-cultural, political and economic aspects of the modern Olympic Games and the Paralympic Games.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
The City in History	From ancient Athens and Rome to Chang'an (Xian) in China, Edo (Tokyo) in Japan and Paris and New York, cities have been the stage for the great dramas of human history. Whether as seats of monarchies and political power, seedbeds of subversion and revolution, or centres of trade and innovation and .culture, cities have punctuated human history - they might even be the greatest achievement of humankind. HIST3302 The City in History is a broad-ranging thematic course that seeks to explore the essence of urbanism and the urban experience through time via a wide set of case studies. Major cities from the ancient world to the present day are examined through developments in politics, social life, religion, urban reform and culture. We explore the urban spectacles of power, creativity, conflict and innovation from ancient Europe to Asia, the Americas and contemporary Australia. The course is thus concerned with the interconnections between urban places and human culture throughout recorded history. It suggests that the built fabric of cities is a material embodiment of historical developments in human society, economics, politics and culture. Particular cities and moments in time can be viewed as focal points to exemplify major patterns in human history.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		

History in Popular Culture	History is everywhere in the contemporary world. Whether as education, entertainment, nostalgia, or escapism, the past is constantly being used, and abused, in contemporary culture. History in Popular Culture will scrutinise the use of history in popular and consumer cultures around the world. Over the course of this semester we will examine history in film, television, museums, online, and in various public spaces. In doing so, we will consider the social construction of historical knowledge in contemporary culture and society. Each week we will consider a particular type of public or popular history-making, examining both the form itself and more specific examples from around the globe. As we do so, we will ask: What happens to history in the public sphere? Is it possible to gain any proper historical knowledge from this kind of history? Is public or popular history "real" history, or is this the wrong question? And what can (& should?) historians - and history students - do about it if it isn't?	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
History Honours: Theory & Method	Course provides advanced training in the method & theory of historical writing, the structure of historical argument & the uses of historiography. The goal is that students will emerge with high quality research skills.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
History Honours Seminar	This course is intended to give students the breadth necessary for an Honours degree in history. Each year, three separate seminar streams are offered (students select two of their choice), each stream using a particular thematic focus as a means to explore the past and allowing students to make a detailed study of particular historical topics and problems. The streams vary each year according to staff availability and rotation.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Honours Research Thesis	Students commencing in Semester 1 enrol in HIST6700; students commencing in sem 2 enrol in HIST6701.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	2		
Honours Research Thesis	Students commencing in Semester 1 enrol in HIST6700; students commencing in sem 2 enrol in HIST6701.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	2		

Professions, People and Healthcare	Professions, People and Healthcare is a core course for students in the Faculty of Health and Behavioural Sciences (HaBS), as well as those with an interest in working in the Australian health and behavioural sciences sectors. The philosophy of this 'common course' is for first year HaBS students to be provided with a foundational learning experience that is focussed on perspectives on health, our health system within a global context, healthcare practices and services that are person-centred and collaborative, and health trends and priorities. Each week, students will have the opportunity to work together in multiprofessional tutorials which will expose them to different perspectives on the course content. The multidisciplinary approach to the course delivery also aims to give students a beginning understanding of the range of roles within Australia's health system and how they contribute to the health and wellbeing of individuals and communities. Students will have an enhanced capacity to navigate the health landscape of the future and be better equipped for future roles in increasingly complex and changing workplaces, especially those that are multi- and interprofessional. HLTH1000 is offered using a 'flipped format'. Students will independently engage with online learning resources while having authentic learning experiences with peers and teaching staff in weekly tutorials. Students will have more flexibility to learn but it is expected that the associated workload is similar to a traditional course.	Undergraduate	Semester 2, 2018	Health & Behavioural Sciences	1		

Understanding Digital Health	This course introduces students to the utility of information and communication technologies (ICT) within modern healthcare practice. Students will learn about a range of digital technologies and applications in the areas of clinical practice, education and administration that are fast becoming commonplace. The course fosters awareness of digital health at national and international levels; it examines the characteristics of digital health innovation, strategic vision and deployment in various countries such as Australia, US, Canada, Europe and the developing world. While evaluating the technological advances relative to patient-centered care, students will also study the potential pitfalls of the use of technology in healthcare. The course draws attention to the associated social, ethical, legal issues and workflow issues that must be considered when integrating digital health into clinical practice.	Undergraduate	Semester 1, 2018	Medicine Faculty	2		
Introduction to Clinical Telehealth	Globally, telehealth is a popular, clinically effective communication vehicle that is rapidly becoming mainstream. This course introduces students to the key concepts relating to the use of telehealth to improve patient-centred clinical care. Course material covers the historical development of clinical telehealth in Australia and the contributions of other significant research innovators. A range of clinical telehealth applications will be explored using case examples that are relevant to today's health priority areas. Students will review relevant guidelines and standards relating to telehealth integration and everyday practice of telehealth to provide equitable access to healthcare irrespective of the consumer's geographical location.	Undergraduate	Semester 1, 2018	Medicine Faculty	2		
Legal & Ethical Principles in Health	This course will focus on legal & ethical principles in health. Student will develop a broad understanding of the legal & ethical principles through education in contemporary issues & approaches in law & ethics for health professionals.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		

Practicum in Health Sciences	This course involves supervised work experience in environments where Health Sciences graduates may work including health services, universities and non-government agencies. The course assumes students will have knowledge and skills consistent with completion of the first two years of the Bachelor of Health Sciences program.	Undergraduate	Semester 2, 2018	Public Health School	1		
Research Project	This course allows students to undertake a one-semester research project on a topic of interest. Students must have completed at least #32 of the Bachelor of Health Sciences program before undertaking a project. Enrolment is subject to the approval of the Program Director.	Undergraduate	Semester 2, 2018	Public Health School	1		
Thesis	This course is designed for research students to implement a research proposal, conduct a research investigation and present the completed research findings in an academic thesis in the form of a research paper for publication in a relevant academic journal. Part-time students must enrol in HLTH6003 (year-long course).	Postgraduate Coursework	Semester 2, 2018	Public Health School	1		
Introduction to Digital Health	This course introduces students to the utility of information and communication technologies (ICT) within modern healthcare practice. Students will learn about a range of digital technologies and applications in the areas of clinical practice, education and administration that are fast becoming commonplace. The course fosters awareness of digital health at national and international levels; it examines the characteristics of digital health innovation, strategic vision and deployment in various countries such as Australia, US, Canada, Europe and the developing world. While evaluating the technological advances relative to patient-centered care, students will also study the potential pitfalls of the use of technology in healthcare. The course draws attention to the associated social, ethical, legal issues and workflow issues that must be considered when integrating digital health into clinical practice.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		

Digital Health and Clinical Communication	This course provides an opportunity for students to explore innovative & creative uses of technology to develop their clinical communication skills in one-to-one health scenarios. It will also develop their confidence & expertise in using a variety of technologies for communication. This will enable students to take full advantage of technology in their chosen e-Health career.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		
Digital Health & Patient-Centred Care	This course examines the use of information and communication technologies (ICT) for group health communication. Dynamics of group communication in online environment have distinct features compared to traditional face to face communication. Online group communication is becoming commonplace for clinical, administrative and educational purposes. This course will investigate the types of technologies used in group health online communication, dynamics of online group health communication, and advantages and short-falls.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		
Introduction to Clinical Telehealth	Globally, telehealth is a popular, clinically effective communication vehicle that is rapidly becoming mainstream. This course introduces students to the key concepts relating to the use of telehealth to improve patient-centred clinical care. Course material covers the historical development of clinical telehealth in Australia and the contributions of other significant research innovators. A range of clinical telehealth applications will be explored using case examples that are relevant to today's health priority areas. Students will review relevant guidelines and standards relating to telehealth integration and everyday practice of telehealth to provide equitable access to healthcare irrespective of the consumer's geographical location.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		

Education in Clinical Nursing & Midwifery	Clinical teaching and learning skills are integral components of professional nursing and midwifery practice. However the context and the nature of the clinical teaching experience requires different approaches which will be influenced by the learning needs of the individual consumer, colleague or student. This core course will prepare nurses and midwives for educational leadership roles within their own specified area of practice; enable them to educate, support and develop their colleagues; provide health education to their clients and support beginning practitioners entering their profession. This course may not be offered internally if the enrolment is less than 8 students.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Leadership & Management in Nursing & Midwifery	Understanding leadership and management is fundamental to ensuring future leaders can positively influence nursing or midwifery practice and health outcomes within their area of specialty practice. This course provides students with the opportunity to critically analyse contemporary models and frameworks for leadership and management; examine leadership and management concepts, issues and challenges and their impact on nursing or midwifery practice with specific reference to an area of specialty; and examine the impact of political, economic, socio-cultural influences on contemporary management and leadership, and leadership/management styles and behaviours. Concepts and skills such as power, autonomy, empowerment, clinical decision making, mentoring and coaching will also be examined. This course may not be offered internally if the enrolment is less than 8 students.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Developing a Research Proposal	Students undertaking this course will broaden their knowledge and skills in critical appraisal and research. They will extend their appreciation of evidence based practice and their role as scholarly practitioners and consumers of research.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	2		

Undertaking a Research Project	This course presents research and evidence based practice as a core skill in generating, evaluating and using knowledge in health and human services practice. It builds on core research knowledge and skills to assist students develop a review protocol and undertake a systematic literature review or develop a research proposal and undertake a small-scale research project. Throughout this course, students will receive ongoing guidance from an allocated Supervisor.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Undertaking a Research Project	This course presents research and evidence based practice as a core skill in generating, evaluating and using knowledge in health and human services practice. It builds on core research knowledge and skills to assist students develop a review protocol and undertake a systematic literature review or develop a research proposal and undertake a small-scale research project. Throughout this course, students will receive ongoing guidance from an allocated Supervisor.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Honours Research Thesis	A research thesis which makes a major contribution to the Honours program in the field of Exercise and Nutrition Sciences. Students taking the course over a full year starting in semester 1 enrol in HMST6001. Students taking the course over a full year starting in semester 2 enrol in HMST6002.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	2		
Honours Research Thesis	A research thesis which makes a major contribution to the Honours program in the field of Exercise and Nutrition Sciences. Students taking the course over a full year starting in semester 1 enrol in HMST6001. Students taking the course over a full year starting in semester 2 enrol in HMST6002.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	2		
From Bradman to Freeman: Mythic Qualities of Australian Sport	The contribution that a sociocultural approach, including the disciplines of sociology, history and philosophy, can make to an understanding of human movement and nutrition sciences.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
From Playground to Podium: Critical Analysis of Sporting Issues	Overview of historical and social development of physical activity and sport from ancient times through to the rise of organised sport and commercial physical activity of the modern era.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Clinical Exercise Physiology Practicum (Healthy Populations)	140 hours practicum placement with low-risk, off-campus clients.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	2		

Management & Marketing of Sport & Physical Activity	Provides background knowledge, administrative, management & marketing techniques in researching, planning, operating & evaluating programs (including major events, conferences) pertaining to physical activity & sport. A 60-hour practical fieldwork placement is a major component of this course. Students in this course are expected to negotiate with an organisation independently for own fieldwork placements.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Research Skills	Overview of the conduct of research in the field of human movement and nutrition sciences, principles of study design and analysis, critical review and interpretation of research. Practical skills will be developed in quantitative and qualitative analysis, and in the presentation of research findings.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	2		
Major Practicum (Exercise and Sports Science)	Minimum of 400 hours of field experience related to exercise science in community, corporate, fitness, health or sport setting.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	43		
Individual Research Project	In this course students are required to undertake an individual research project in the area of Human Movement Studies to gain further experience in research. The experiences should allow the student a greater understanding of the research process within Human Movement Studies and will normally be between 120 and 150 hours in duration. Topics and content are determined by student or staff initiatives and staff availability. Students are required to work with an appropriate academic staff supervisor. It is possible for students to undertake individual research projects under the direction and guidance of individuals who are not academic staff members of the school of HMS. In these situations there must still be an academic staff member of the school of HMS to take a supervisor responsibility however the majority of the mentoring may be carried out by other approved individuals (e.g. post graduate research students, Sport Scientists from the QAS). The supervisor should liaise closely with the on-site supervisor to ensure progress is being made and assessment items are appropriately completed.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	2		

Directed Study A	Individual study on approved topic selected from historical, sociological, psychological, biomechanical, physiological, pedagogical or health-related aspects of human movement. Advanced study in area of specialisation required prior to enrollment.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	2		
Research Skills	Research skills needed by students undertaking postgraduate studies in diverse areas of human movement and nutrition sciences. Provides skills needed to interpret research, to formulate, investigate, analyse and report research.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Directed Study B	Through this course, students may undertake a research project or study in an area of clinical exercise science that has particular interest. A wide range of topics is possible but enrollment is contingent on the student securing supervision from an suitably qualified academic staff member.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	2		
Designing Food and Beverage Experiences	This course provides students with advanced professional skills in creating food and beverage experiences. It invites students to embrace a multidisciplinary perspective to investigate the design of food and beverage experiences in various contexts, including tourism, festivals and events and the traditional hospitality sector. Utilising an experiential teaching and learning style students will assess the impact of state of the art scientific and social scientific research that food and beverage professionals employ to construct and design experiences. Core concepts include food and beverage management, culinary arts, gastronomy and wine appreciation, authenticity, sustainability, servicescapes, food science, neuro-gastronomy, ego-involvement and destination/product marketing.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Global Hospitality Operations	This course aims to prepare students for careers within the international hospitality industry by critically examining the management of key operational departments. The primary focus of study is operations management in the international hotel industry. Insights into other significant and emerging hospitality sectors, including casinos and gaming, spas and resorts and the cruise industry are also investigated. Students will develop advanced knowledge and desirable attributes applicable to the key operational functions via engagement with a variety of departmental executives.	Postgraduate Coursework	Semester 2, 2018	Business School	2		

Hotel Operations	This course provides an insight into the practical aspects of hotel operations. The general structure and subsequent development of tactics relevant for implementation in today's dynamic hotel operations are covered.	Undergraduate	Semester 1, 2018	Business School	2		
Hospitality Small Business Enterprises	This course develops an understanding of small business management and operations in the context of the hospitality industry. It assists in the development of deep understanding and appreciation of the principles and practice of small business enterprises.	Undergraduate	Semester 1, 2018	Business School	1		
Discourses in Hospitality	This course introduces a range of perspectives and contemporary issues necessary for an understanding of hospitality. It focuses on a critical understanding of the concept and evolution of hospitality in various disciplinary and social domains.	Undergraduate	Semester 2, 2018	Business School	1		
Gaming and Casino Management	This course examines the role of gaming management and evaluates the negative and positive socio-economic impacts of gambling. Gambling motivations are explored in relation to casinos, gaming venues and on-line gambling within Australia and internationally.	Undergraduate	Semester 2, 2018	Business School	1		
Food and Beverage Management	This course explores the core principles and practices of food and beverage management systems. It examines the operational efficiency of food and beverage production and service facilities in the international hospitality industry.	Undergraduate	Semester 1, 2018	Business School	1		
Hotel Industry Management	This capstone course analyses management issues and challenges specific to the international hotel industry. It provides a framework for evaluating management theories and practices as they apply to customer-centric, geographically diverse international hotel chains.	Undergraduate	Semester 2, 2018	Business School	1		
Global Hotel, Resort and Casino Management	This course concentrates on the development of competitive advantage in the highly competitive industry of hotels, resorts and casinos. With a particular emphasis on the human resources, marketing and financial management aspects of `multi-brand' global hotel management strategies, this course will explore the complex economic, political, social and environmental issues affecting the industry through a combination of `best practice' case studies and simulations.	Postgraduate Coursework	Semester 1, 2018	Business School	1		

Service Leadership in Hospitality	This course builds on the foundation service management course and examines service management theory in the context of the world's best hospitality and service organisations to better understand service excellence, service orientation and service culture. The course examines leadership at two levels - the individual level (people as leaders) and the organisational level (companies as leaders). Topics include the study of leadership theories and styles, creating a service-oriented organisational culture and values, decision-making, team dynamics, the role of emotions in leadership, and a review of international best practice hospitality organisations. Students will study industry best practice and create their own comprehensive case studies of service excellence in hospitality.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Introduction to Substance Use & Misuse	This course presents an overview of biological, behavioural and social factors related to the development of drug and alcohol problems. It describes drug use and its epidemiology, problematic use and dependency, the pharmacology of major drug types, and addictions.	Postgraduate Coursework	Semester 1, 2018	Public Health School	1		
Assessment & Interventions for Substance Misuse	This course is about assessment and treatment options for substance abuse with the emphasis on critical evaluation of their efficacy and effectiveness. It covers screening in various settings, brief interventions, specialist behavioural and pharmacological therapies, and community interventions.	Postgraduate Coursework	Semester 2, 2018	Public Health School	1		
Physical Activity & Health	In this course students will develop their understanding of the inter-relationships between physical activity & population health, the social & economic importance of physical activity for Australian society, and population based strategies for activating the population.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Health Promotion: Perspectives & Practice	Introduction to the science and art of health promotion through evidence-based individual, community and societal approaches for improving health and preventing illness, including needs assessment, priority setting, and planning and developing health promotion initiatives.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		

Promoting Physical Activity & Health	Critical review of the theory and practice of physical activity and health promotion, including epidemiology of physical activity and the planning and evaluation of 'best practice' programmes for the promotion of physical activity in Queensland communities.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Health Sciences Research Discovery II	An introduction to assessing and profiling of populations within Health Sciences Research, including completion of a bounded research project.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Health Sciences Research Evaluation II	Discipline-specific inquiry into intervention/treatment efficacy and effectiveness within Health Sciences Research, with application of information literacy.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Health Sciences Research Discovery I	An introduction to assessing and profiling of populations within Health Sciences Research, including completion of a bounded research project.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Health Sciences Research Evaluation I	Discipline-specific inquiry into intervention/treatment efficacy and effectiveness within Health Sciences Research.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Health Sciences Research Project: Service Development through Action Learning	Practice-based service investigation and development project within a specific field of professional practice in Health Sciences.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Health Sciences Research Advanced Project I	Implementation of a discipline-specific, scaffolded research project in the Health Sciences, including preparation of scientific article and conference presentation.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	2		
Health Sciences Research Project: Service Development through Action Learning	Practice-based service investigation and development project within a specific field of professional practice in Health Sciences, with a focus on issues associated with leading and implementing evidence-based practice.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Health Sciences Research Advanced Project II	Implementation of a scaffolded research project in the Health Sciences, including preparation of scientific article and conference presentation.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	2		
Research Project	Interpretation of data & preparation of a scientific article in a form suitable for submission to a relevant journal.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	2		

Operating International Business	The course is divided into two parts. The first part is a macro view of international business. It examines at the national level the underlying causes and benefits of trade and foreign direct investment flows between nations. The second part of the course focuses on the micro or firm level aspects of international business management, including current research into the internationalisation processes of modern firms.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Practicum 1: Engagement and Reflection in Fieldwork	Only Human Service students who have completed the required prerequisites can enrol in this course that provides students with an orientation to the human service industry and the organisational context of practice. Students undertake 250 hours of on-the-job observation and professional training under the supervision of an experienced practitioner within a human service organisation. The course enables students to test out a broad range of classroom teaching in prerequisite courses under supervised conditions. In addition, students are required to attend mandatory university workshops, devise a personalised learning plan with their supervisor and undertake assessment tasks which require students to reflect on their emerging professional identity, professional and ethical conduct, frameworks for practice and suitability for different areas of human service practice. Mandatory weekly HSER2001 academic workshops are also conducted during semester. Please note that Supplementary assessment is not available for this course.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Practicum 2: Working in the Field	This final placement for human services students will provide students with an orientation to the human services industry and the organisations context of practice. Students undertake 250 hours of placement (approx 36 days or 3 days per week over 12 weeks) in an industry placement throughout the semester and will experience profession training under the supervision of an experienced practitioner preparing students for employment. The course enables students to refine their assessment; intervention and practice frameworks in preparation for practice. In addition to the mandatory university workshops, which are conducted through the semester, students devise a personalised learning plan with their supervisor and undertake assessment tasks which require students to reflect on their emerging professional identity, professional and ethical conduct, frameworks for practice and suitability for different areas of human services practice. For students on overseas, rural or interstate placements, there will be provision for the mandatory workshops to be undertaken on Skype. Enrolment in this course is restricted to students who have completed the required re-requisites; permission to enrol will be arranged by the School of Social Work and Human Services shortly before the beginning of semester. Students wishing to undertake this course need to contact the Field Education unit around the middle of first semester. Supplementary assessment is not available for this course.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Interdisciplinary Thinking	Great intellectual movements transcend disciplinary boundaries. They shift paradigms and revolutionize systems of thought. This course examines some of the most important intellectual movements in the humanities from Renaissance Humanism to feminism, postcolonialism and contemporary thinking about the post-human. It outlines their key concepts and locates them within their cultural and historical context. Through a study of selected interdisciplinary texts, students will acquire knowledge of the critical tools and insights that each movement developed and how to apply them. This course invites students to critically reflect upon societal values and appreciate the contingency implicit in many statements of cultural hegemony.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Perspectives in Humanities	This course integrates Advanced Humanities & Advanced Science first year students into a cohort to develop understanding of mutual interests and benefits between humanities and science research and to introduce students to UQ?s interdisciplinary research cultures.	Undergraduate	Semester 2, 2018	Humanities and Social Sciences	1		
Perspectives: Practices, Cultures and Creative Communication	This course functions as a form of introduction and road map to the Bachelor of Arts and the Humanities and Social Sciences Faculty; its disciplines, the diverse cultural and social background of its academic community, the spaces and facilities it offers, and the communicative, digital and data-oriented techniques needed to navigate its range of pursuits of knowledge and experience. It provides students with the general knowledge required to successfully navigate within the broad range of perspectives on human, social, critical and creative practices in the different courses of the BA, and in the future workplace.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		

Great Works and the Humanities	The course focuses on the revolutionary, creative impulses embodied in a series of works of art, literature, and thought that have regularly been appraised as especially eminent and influential?and that have licensed vital speculation, moral and political change, and artistic adventurousness since their first appearance. In what ways did these works disrupt and transform their worlds? What challenges do they throw out to us today, living in vastly different circumstances from those in which they were conceived? Many of the literary, artistic, spiritual, and intellectual masterpieces featured on the course are in severe, tense contradiction with each other. But all of them are indisputably important, shaping thinking, feeling, and imagining in numerous spheres of human life. We will consider why and how it is that some works of the imagination or intellect have come to be considered ?great?, and whether or not they are still relevant to us today.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
International Business Management	Familiarise students with the core theories, frameworks and issues in international business at the level of both the country and the firm and how these influence public policy and managerial decision-making in organisations. Apply international business frameworks to solve practical real life problems confronted by global business managers and public policy makers.	Undergraduate	Semester 1, 2018	Business School	2		
Business Operations	This course introduces students to the theory and applications of operational systems and processes. A range of business decision analytics are covered in the course that have as their goal, optimizing economical use of resources. Drawing on the recognisable tools and methods of operations management and operations research, students will use analytic models, deterministic methods of analysis, and scrutiny of results. Upon completion of the course, students will understand the importance of examining and determining applicable information, how to extract essential features of the data, by what means to construct a representative model, evaluate the model, and determine preferred options of improvement. The consequences to the organisation and stakeholders of making improvements and changes are also considered.	Undergraduate	Semester 2, 2018	Business School	1		

Managing International Business Operations	Management of global operations & manufacturing. Impact of technology & information systems. Supply management & multinational sourcing. Performance improvement. Case studies.	Undergraduate	Semester 1, 2018	Business School	1		
Business in Asia	Explores different business environments in East Asia & provides perspective on recent developments of business significance. Provide an understanding of country business cultures from an assessment of history and geography. Focuses on business opportunities.	Undergraduate	Semester 2, 2018	Business School	1		
Managing International Legal Environment	This course focuses on the legal environments affecting international business transactions & how managers can use knowledge of these environments to gain competitive advantage. It addresses the use of legal information at the corporate planning level as well as the minimisation of legal risks in contractual & other day-to-day business dealings. It shows students how managers may use knowledge of the domestic, international & target country legal environments to support, defend & transform the firm, thus maximising its competitiveness.	Undergraduate	Semester 2, 2018	Business School	1		
Managing Across Cultures	This course introduces students to the major principles and issues that face managers across cultures. The course offers students a unique cultural perspective on the roots of organizational behavior and management around the world. It utilises a micro approach to introduce students to theories and practices that is necessary to manage successfully in a global economy. Therefore it is a cross cultural approach as opposed to a country specific approach. The course should enable students to understand the effect of culture that can then be applied to a wide variety cross cultural settings. Participants will interact; examine concepts, examine cases to increase awareness and understanding concerning the influence of culture on management and management practices.	Undergraduate	Semester 1, 2018	Business School	1		
Export Marketing & Practices	Export marketing and practices for agribusiness firms.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		

Doing Business in Asia	With the economies of China and India growing rapidly, Asia is emerging as one of the key drivers of global economic growth. The purpose of this course is to understand the environmental and organisational issues confronted by firms doing business in Asia. These include various aspects of the external environment such as social, economic, political, cultural, legal, customer and competitive factors, as well as the strategic and organisational responses of firms to the complex, diverse and dynamic business challenges in Asia. Using real-life company cases, participants will learn how to take managerial decisions and solve business problems confronted by firms in Asia.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Management Consulting in Asian Business	High level international study in Asia of current issues in international business. Case studies and field trips. Topics vary from year to year.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
International Supply Chains	The importance of international supply chains & the physical distribution of products has grown rapidly over the past few years due mainly to an increase in corporate goals of reducing manufacturing costs & the efficiencies that come from planning & managing the supply chain effectively. While many international logistical concepts are interrelated, the course tackles management issues relating to global supply chains by drawing upon recent case studies, keynote lectures & contemporary research findings.	Postgraduate Coursework	Semester 1, 2018	Business School	1		

International Service Operations Management	Together with its related activities, such as distribution warehousing and transport, service operations is one of the most important industries in this country. Moreover, the efficiency and effectiveness of service operations are key factors in maintaining a sustainable competitive advantage in what has now become a global business environment. Coles-Myer, Aldi, Netto, Ed, McDonald's and Wal-Mart typify the highly complex, international operations that rely on highly sophisticated information systems and multi-channels for their distribution to the ultimate customer. While many international service concepts are interrelated, the course tackles service operations management issues relating to global networks by drawing upon recent case studies, keynote lectures and contemporary service operations management research findings.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Global Management Thesis B	Students are required to complete a research thesis on topic of their interest within the global environment. Topics are to be approved by Head of the Business School.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Global Management Thesis C	Students are required to complete a research thesis on topic of their interest within the global environment. Topics are to be approved by Head of the Business School.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Global Management Outbound A	For enrolment when undertaking the first semester of outbound exchange in the MGMan program.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Core Knowledge & Professional Practice	This course covers the core principles of skin cancer medicine and surgery. Key content areas include: the normal anatomy, embryology and physiology of the skin, the biology and pathology of skin cancer as well as both dermatopathology and dermatology relevant to skin cancer management. Risk factors for the development of skin cancer and associated conditions are dealt with, along with their relevance in principles of skin cancer prevention. Skin cancer incidence and mortality are explored in both the Australasian and global context.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		

Clinical and Dermatoscopic Diagnosis in Skin Cancer Practice	This course addresses clinical recognition and detailed dermatoscopic diagnosis of skin lesions seen in primary care and other skin cancer practice. These include benign lesions, pre-malignant lesions, malignant non-melanocytic lesions, nevi and melanoma.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	2		
Assessment & Diagnosis	This course covers the skin cancer consultation in primary care. The basis of this is targeted history taking and a thorough skin cancer examination. This will include on-line training in dermoscopy and expose students to modern imaging techniques (including digital photography) and interpretation of pathology reports.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		
Foundation Therapeutics	The focus of this course is two-fold. Students will gain a sound knowledge of (i) medical and surgical treatments as it applies to the majority of primary skin cancer presentations (including medications, cryotherapy, curettage, biopsy techniques and excision of skin lesions with direct repair); (ii) the therapeutic relationship (including educating patients about skin cancer, and knowing when to refer cases to ensure appropriate patient care.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		
Advanced Therapeutics	This course builds on the knowledge and skills gained in IMED7010. Students will gain a sound knowledge of advanced medical and surgical treatments (including photodynamic therapy, radiotherapy, excision of skin lesions with repair by split or full thickness skin grafts and random flaps).	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		
Advanced Clinical Cases	This course will form the crux of developing and discussing a doctor's clinical practice in skin cancer medicine. This course will comprise a series of clinical cases that will require active engagement from each student by way of essay as well as discussions conducted online with a clinical expert. These activities will prepare students to complete a portfolio of their clinical work including case summaries, photographs, and interpretations.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	2		

Advanced Clinical Cases	This course will form the crux of developing and discussing a doctor's clinical practice in skin cancer medicine. This course will comprise a series of clinical cases that will require active engagement from each student by way of essay as well as discussions conducted online with a clinical expert. These activities will prepare students to complete a portfolio of their clinical work including case summaries, photographs, and interpretations.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		
Audit and Research	This course works through clinical research of the student's own clinical work. An ability to critically review published literature on skin cancer medicine is integral to the academic content of the course.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		
Substance Use & Misuse Among Indigenous People	The purpose of this course is to introduce non-indigenous health professionals to an indigenous perspective on substance use and abuse. It covers alcohol and drug use by indigenous people; culture; adverse effects and policy response; prevention, treatment and community. This course may not be offered if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 1, 2018	Public Health School	1		

Working with Aboriginal and Torres Strait Islander People	This course engages with some of the main conceptual and practical issues that arise in working with Aboriginal and Torres Strait Islander communities, institutions and people. The course also aims to develop practice skills, particularly in the important areas of cross-cultural understanding and communication. Some consideration is therefore given to the organisational contexts of practice, and how Aboriginal and Torres Strait Islander people are impacted by differing organisational and policy agendas. It examines a range of policy and social challenges in Aboriginal and Torres Strait Islander Australia, and discusses the implications of these for those working for and with Aboriginal and/or Torres Strait Islander communities. The course affords students with an opportunity to reflect on their own cultural practice and on major theoretical and practical questions about cross-cultural workplaces raised by Aboriginal and Torres Strait Islander and non-Indigenous commentators. It closely examines historical and contemporary experiences of Aboriginal and/or Torres Strait Islander communities, and students develop skills that are responsive to the cross-cultural nature of their work.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Working with Aboriginal and Torres Strait Islander People	This course engages with some of the main conceptual and practical issues that arise in working with Aboriginal and Torres Strait Islander communities, institutions and people. The course also aims to develop practice skills, particularly in the important areas of cross-cultural understanding and communication. Some consideration is therefore given to the organisational contexts of practice, and how Aboriginal and Torres Strait Islander people are impacted by differing organisational and policy agendas. It examines a range of policy and social challenges in Aboriginal and Torres Strait Islander Australia, and discusses the implications of these for those working for and with Aboriginal and/or Torres Strait Islander communities. The course affords students with an opportunity to reflect on their own cultural practice and on major theoretical and practical questions about cross-cultural workplaces raised by Aboriginal and Torres Strait Islander and non-Indigenous commentators. It provides the opportunity for students to develop respectful person-centred health care and social work practice, recognising and understanding the feelings and experiences of Aboriginal and Torres Strait Islander peoples and communities. Students will also recognise the important role of relationships with Aboriginal and Torres Strait Islander health professionals, organisations and communities, and develop skills to build effective partnerships. This course is being delivered in the third cultural space where non-Indigenous and Indigenous tutors deliver course content together role modelling communication strategies and ways of interprofessional working.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Web Information Systems	Concepts & fundamentals of web-based Information Systems (WIS): HTML, XHTML, CSS, JavaScript, JavaServlet, Java Server Page, client-server database applications on the internet, and XML. Latest and advanced technologies for developing WIS: AJAX, Web Security, Web Search, Web Service and current trends in WIS.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		

Data Mining	Techniques used for data cleaning, finding patterns in structured, text and web data; with application to areas such as customer relationship management, fraud detection & homeland security.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Introductory Indonesian A	Introduction to Indonesian language for students with no prior knowledge. Both spoken & written aspects of the language taught.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Introductory Indonesian B	Pre: INDN1000 Inc: Snr Indonesian or INDN1200 Continuation of INDN1000. Consolidation of Indonesian language skills with an emphasis on communication in everyday situations.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Intermediate Indonesian A	An intermediate level course in Indonesian language that aims to improve students' communication skills in Indonesian focusing equally on the four skills of reading, writing, speaking & listening.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Intermediate Indonesian B	Continuation of INDN2000. Extends students' communication skills in Indonesian, focusing equally on the four skills of reading, writing, speaking & listening.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Advanced Indonesian	Advanced level course in Indonesian language which aims to extend comprehension and competence in formal and informal registers. The course focuses on a range of themes covering specific oral and written genres.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Indonesian Contemporary Culture	INDN3002 is an advanced level course taught in Indonesian which aims to extend comprehension and competence in both formal and informal registers. The course focuses on practical tasks in Indonesian in a variety of genres and draws on a range of authentic texts from print, visual and electronic media. Each task builds practical skills at the advanced level in Indonesian, and requires students to undertake individual projects.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Indonesian Translation Studies	A practical skills-based course for advanced students of Indonesian providing regular practice in translating standard textual materials from a range of textual genres. The development and analysis of translation strategies is applied to all practical work.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		

Indonesian Studies Project	The Indonesian Studies Project allows students of demonstrated ability to develop their own research interests by undertaking a sustained project on a major aspect of contemporary indonesian studies. The emphasis is on bringing together strands of knowledge from the core curriculum into a summative research experience which equips students for critical analysis of significant issues in Indonesian studies. This course can only be undertaken if the planned project has the support of a potential supervisor. Students interested in this course should contact the Coordinator for further advice several weeks prior to the beginning of semester.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Advanced Indonesian Language Skills	Advanced language development for research purposes.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Special Topics in Indonesian Cultural Studies	Individual study in a field of Indonesian studies relevant to the student's thesis topic based primarily on Indonesian language source materials.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Thesis (Honours)	Honours thesis of approx. 15,000-20,000 words in an area of Indonesian Studies. Only available for full-time students.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Introduction to Information Systems	Information systems analysis, design and implementation, relational database technology, data modelling, data querying using SQL, building a small scale information systems using a relational database management system.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	2		
Relational Database Systems	[Semester two only from 2015] Concepts needed to build large information system using current technology; relational & other data models, query processing & views, index structures for access, dataflow & dynamic models.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Advanced Database Systems	Distributed database design, query and transaction processing, data integration, data warehousing, data cleansing, management of spatial data, and data from large scale distributed devices.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	2		
Web Information Systems	Assessment: pracs; examinations. Concepts & fundamentals of web-based Information Systems (WIS): HTML, XHTML, CSS, JavaScript, Java Servlet, Java Server Page, client-server database applications on the internet, and XML, Latest and advanced technologies for developing WIS: AJAX, Web Security, Web Search, Web Service and current trends in WIS.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		

Cloud Computing	As a major computing infrastructure, Cloud Computing provides the modern on-demand services for management and usage of large and shared computing resources including storage, computations and communications. This course will cover in-depth knowledge for Cloud Computing and the practical experience in designing and implementing large-scale and composite business web applications on Cloud Computing platform. This course covers a wide range of cloud computing-related X-as-a-Service technologies, including Software-as-a-Service (SaaS), Platform-as-a-Service (PaaS), Infrastructure-as-a-Service (IaaS), Data-as-a-Service (DaaS), and related technologies such as Cloud Computing Ecosystem. For delivering scalable computing services in a pay-as-you-go model via the Internet, Cloud Computing approaches are used to deal with effective and efficient development and deployment problems of web services and information systems with particular focus on "big data" challenges that arise across a variety of domains.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Data Mining	Techniques used for data cleaning, finding patterns in structured, text and web data; with application to areas such as customer relationship management, fraud detection & homeland security.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Advanced Techniques for High Dimensional Data	Selected advanced topics from spatial & multimedia databases: multidimensional data management concepts, theories and technologies, focusing on data access methods and similarity query processing for spatial, multimedia and Web-based databases, with particular emphasis on video indexing and search.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Advanced Techniques for High Dimensional Data	Selected advanced topics from spatial & multimedia databases: multidimensional data management concepts, theories and technologies, focusing on data access methods and similarity query processing for spatial, multimedia and Web-based databases, with particular emphasis on video indexing and search.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		

Cloud Computing	As a major computing infrastructure, Cloud Computing provides the modern on-demand services for management and usage of large and shared computing resources including storage, computations and communications. This course will cover in-depth knowledge for Cloud Computing and the practical experience in designing and implementing large-scale and composite business web applications on Cloud Computing platform. This course covers a wide range of cloud computing-related X-as-a-Service technologies, including Software-as-a-Service (SaaS), Platform-as-a-Service (PaaS), Infrastructure-as-a-Service (IaaS), Data-as-a-Service (DaaS), and related technologies such as Cloud Computing Ecosystem. For delivering scalable computing services in a pay-as-you-go model via the Internet, Cloud Computing approaches are used to deal with effective and efficient development and deployment problems of web services and information systems with particular focus on "big data" challenges that arise across a variety of domains.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Information Retrieval and Web Search	The course studies the theory, design, and implementation of Information Retrieval (IR) techniques in text-based information systems. The theoretical component of the course focuses on IR methods for the processing, indexing, querying, organisation, and classification of textual documents, including hypertext documents available on the world-wide-web. A variety of current research topics are also covered, including social media, recommendation systems, and ranking. The practical component of the course addresses the design and implementation of high-capacity text retrieval and filtering systems such as web search engines.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Introduction to Information Systems	Information systems analysis, design and implementation, relational database technology, data modelling, data quering using SQL, building a small scale information system using a relational database management system.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		

Database Principles	Database technology is a fundamental part of information technology and plays an important role in data analytics. Database technology is used to store and manage data with reliable services such as data integrity, shareability, recoverability, and security. In this course, we will study data modelling, representation, query and maintenance of data integrity. Hands-on experiences will be provided for students to create a basic database application system. In order to provide effective and efficient data management, we will study algorithms for effective access to structured data with different data processing requirements.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Relational Database Systems	[Semester two only from 2015] Concepts needed to build a large information system using current technology requirement engineering, functional analysis & dataflow, transaction processing, concurrency control, query processing & views, index structures for access.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Advanced Database Systems	Distributed database design, query and transaction processing, data integration, data warehousing, data cleansing, management of spatial data, and data from large scale distributed devices.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	2		
Public Speaking	Training in English/Japanese speech making & public speaking, with emphasis on correct register, style & tone.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	1		
Advanced Textual Skills	Development of rapid reading skills as a preliminary to sight translation & development of summary skills as training in text analysis. Students work in their B language, concentrating on consolidating their knowledge of vocabulary & joyo kanji where appropriate.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	1		
Japanese 1A - concentrated	JAPN1011 is a course for students beginning the study of Japanese who wish to take two courses per semester in the concentrated progression. This course must be taken at the same time as JAPN1012. This course is designed to introduce students to the Japanese language and develop conversational skills for use in everyday situations. Students learn to read and write in Japanese using two phonetic syllabaries, hiragana and katakana, and approximately 100 kanji (Chinese characters). Cultural aspects are integrated into the course.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		

Japanese 1B - concentrated	JAPN1012 is a course for students beginning the study of Japanese who wish to take two courses per semester in the concentrated progression. This course must be taken at the same time as JAPN1011. JAPN1012 gives beginning students an overview of what the Japanese language is like from its linguistic to sociocultural features. While doing so, the course will develop students' ability to use a beginners level repertoire in communicative activities in speaking and writing. Approximately 100 basic kanji will be introduced.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Japanese 1A standard	This is a course for students beginning the study of Japanese, who wish to take one course per semester for the first 2 years. The course introduces students to the Japanese writing system and fundamental structural aspects of the language. Students develop basic conversation skills in Japanese while developing an understanding of how Japanese culture is reflected in language.	Undergraduate	Semester 1, 2018	Languages & Cultures School	2		
Japanese 1B standard	This course is for students in the standard progression who wish to take one course per semester. Students taking this course must have done approximately 50 hours of beginner-level Japanese (e.g. JAPN1013 or equivalent). This course consolidates basics in both written and oral skills in Japanese and builds on language skills and cultural knowledge acquired in JAPN1013.	Undergraduate	Semester 2, 2018	Languages & Cultures School	2		
Japanese 2A standard	This course is for A stream students who have done approximately 100 hours of beginner level Japanese and who wish to take one course per semester (Standard progression). Students build on the knowledge and skills acquired in JAPN1023 or JAPN2012/JAPN2022, and use the language in specific contexts.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		

Japanese 2A - Concentrated	JAPN2021 consolidates and extends students' knowledge and abilities to use the structure and vocabulary acquired in JAPN1011 and JAPN1012. It focuses on developing students' vocabulary, structural competence and kanji related to several themes such as foods and beverages, shopping, transportation and schedules, sightseeing and travel planning, and houses and household chores. Cultural aspects are integrated into the course. JAPN2021 is a compulsory companion course to JAPN2022.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Japanese 2B - concentrated	A compulsory companion course to JAPN2021. It consolidates and extends students' knowledge and abilities to use the structure and vocabulary acquired in JAPN1011 and JAPN1012.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Japanese 2B standard	This course is for A stream students who have done approximately 150 hours of beginner level Japanese and completed JAPN2013 in the Standard progression. Students build on the knowledge and skills acquired in JAPN2013 and use the language in specific contexts.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Continuing Japanese 1A	The unit aims to enhance students' communicative competence in the four macro skills (speaking, listening, reading and writing) from the beginning level towards the intermediate level. Students also learn to read and write 73 newly introduced kanji and compound words that consist of new and prerequisite kanji.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Continuing Japanese 1B	This course is for A and B stream students and should be taken either at the same time as JAPN2101, or in the following year. The course content is complementary to JAPN2101, focussing on developing students' ability to use the Japanese language, for example, to discuss an issue or design and conduct a survey, while consolidating their knowledge and accurate use of the language.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Continuing Japanese 2A	This course builds on the knowledge and skills developed in JAPN2101. The course content is complementary to that of JAPN3002, focussing on developing students vocabulary, structural competence and kanji and using these in activities related to several themes such as communications, nature and culture.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		

Continuing Japanese 2B	This course is for A and B stream students and should be taken either at the same time as JAPN3003, or in the following year. The course content is complementary to JAPN3003, developing students' ability to use the japanese language to engage with others to give/receive instructions, tel/listen to an anecdote, read and write short stories.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Continuing Japanese 3	This course will extend students' knowledge and skills in Japanese languages in all four macro skills and develop linguistic and cultural competency, focussing on advanced grammar and written communication.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Continuing Japanese 4	This course will extend students' knowledge and skills in Japanese languages in all four macro skills and develop linguistic and cultural competency with an emphasis on mastering kanji and advanced grammar for written communication. Capstone course for student completing a Single Major in Japanese (Stream B) or a Extended Major in Japanese (Stream A).	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Voices from Japan	This course will offer an ample opportunity for oral communication in various forms conversation, interview, public speaking and game shows. The material used in this course is a collection of interview accounts by people living in Japan from diverse cultural backgrounds. The course will not only enrich students experience of the target culture, but also develop their understanding of informal spoken features and conventions.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Anime Japanese	This course offers intensive language practice using various Japanese animations. It aims to develop students' understanding of a variety of spoken styles, both formal and informal, as well as their critical cultural and linguistic literacy.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Japanese Reader Writer: Developing reading & writing skills in Japanese	This course will offer intensive language practice using various reading and writing materials in Japanese. It aims to develop students' understanding of a variety of written styles, both formal and informal, as well as their critical and creative writing skills in Japanese.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		

Teaching Japanese Language	Introduction to teaching Japanese as a second language in school settings. The course requirements include school visits (primary and/or secondary) in W8-11. Students will spend minimum 4 hours per week at their allocated schools, assisting teachers and students in class activities. This course is suitable not only for pre-service teachers but students who have a general interest in teaching Japanese as a second language.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Japanese Language in Context	In this course students study Japanese in its social context. In particular they learn to use situational formulae, formal & polite spoken & written Japanese.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Modern Literary Texts	Intensive study of advanced Japanese textual styles through contemporary literary material. Students will improve their ability to read Japanese literature.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Introduction to Japanese/English Interpreting	Introduction to Japanese/English interpreting with emphasis on presentation skills and speech in Japanese.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Language and Society in Japan	This course will deepen students' understanding of the intellectual and social context of language in Japan, and provide students with academic reading and writing skills in Japanese. The course will further develop the research and analytical skills needed for Honours. Capstone course for all students completing an Extended Major in Japanese in streams B and C and a Single Major in Stream C.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Special Topics in Japanese Cultural Studies	After general guidance, students work individually with the supervisor in the field of Japanese literary/cultural studies, building their research skills and resources necessary for the writing of the thesis.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Applied Translation	Training in specific translation techniques & in practical translation (Japanese - English). Students translate into their A language.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	1		
Consecutive Interpreting into English	Consecutive interpreting into English & application of basic interpreting skills.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		
Consecutive Interpreting into Japanese	Consecutive interpreting into Japanese & application of basic interpreting skills.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		
Advanced Translation I	Japanese-English translation of materials of an advanced, non-technical nature, focusing on economic & financial documents. Students translate into their A language.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		

Theory of Translation	An introduction to the major concepts & main schools of translation theory and to professional and business aspects of Japanese-English translation.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		
Live Interpreting Forum I	Live interpreting of both Japanese & English speakers, by both consecutive & simultaneous modes & under simulated conference conditions.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	1		
Technical Translation I	Japanese-English translation of materials of a technical or scientific nature. Students translate into their A language.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	1		
Conference Interpreting	Intensive practice of consecutive & simultaneous interpreting in both language directions on a variety of subjects under conference conditions.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	2		
Live Interpreting Forum II	Continuation of Live Interpreting Forum I.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		
Advanced/Technical Translation II	Japanese-English translation of materials at an advanced and technical nature, focusing on legal, medical and pharmaceutical texts. Students translate into their A language.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		
Journalistic Narratives	An introduction to a key aspect of journalism, this course develops your ability to report and to deploy a variety of approaches to reporting. The course focuses on working through and understanding the reporting process and provides opportunities to develop practical reporting skills across a range of 'platforms'.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Journalistic Investigation	This course introduces investigation as the research technique of journalism, and students practise investigation as journalists.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Broadcast Journalism	Broadcast Journalism is about developing the skills to tell engaging factual stories for digital platforms. You will creating a meaningful podcast and embracing all the digital disruption of news affords us. You will also learn the technical skills to record and edit your own audio using everything from high quality audio gear to your smartphone.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
International Journalism & Mass Communication	The course provides students with an understanding of different theories of mass media systems, their philosophical foundations and basic principles. It looks at varying relationships of mass media to politics and society and their important role in social and political change. The media systems of different countries and regions, as well as global media issues are addressed.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		

Data Journalism	The course aims to provide an advanced level experience in the use of a variety of forms of large data in journalistic storytelling. This course skills students in journalistic storytelling through the prism of large corpora of data. Such data can include volumes of text from sources as diverse as social media and manuscript archives, as well as statistics. Students will be required to create data sets, access published and unpublished data sets, filter and analyse such data, and visualise their findings. As such the course blends traditional critical approaches to manuscript collections (including visuals), and the emerging computational social sciences, in order to create compelling stories.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Field Study - Journalism & Communication	A supervised practice experience for Bachelor of Journalism students. Placement runs for 120 hours (approximately 10 days undertaken overseas). Focuses on integration of practice experience with course material and companion courses. Departmental consent required for enrolment. Please contact the School for permission to enrol. Prospective students are advised to contact the School to express interest at least one semester prior to enrolment. Basis for selection: Competitive entry via EOI and GPA - Persuasive cover letter of consideration attached to portfolio of multi-media stories from previous courses, demonstrated capacity to work cooperatively with other students and staff. Please note that supplementary assessment is not available for this course.	Undergraduate	Semester 1, 2018	Communication & Arts School	2		
Journalism Design	In this course you will work as part of a team to design and prototype a proposal that addresses a journalistic issue.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		

Journalism Project	Students undertake an individual project. This is a Level 3 course. Therefore, it is assumed that students will have either successfully completed the Level 1 and Level 2 courses in the Bachelor of Arts Journalism and Mass Communication Major or the Bachelor of Journalism, or be able to demonstrate equivalent background. This course is based on supervised self-directed learning. It provides an opportunity to undertake a project in an area of special interest, and to explore issues related to journalism and communication, drawing on the theoretical and practical experiences gained while studying these fields. Through this course students will have the opportunity to think, discuss, analyse and undertake a project on issues relating to journalism.	Undergraduate	Semester 1, 2018	Communication & Arts School	2		
Journalism Internship	Students participate in the workday routine of a news media organisation for the specified period, undertaking those tasks assigned to them and seeking to display initiative, enthusiasm, professionalism and a willingness to learn. You will, where opportunity allows, contribute to the published or broadcast news output of the organisation, working under the supervision of a professional journalist. Upon completion, students submit an electronic portfolio and an online self-assessment. You will plan, observe and analyse; submitting your planning prior to the placement, and summarising your observations and analysis at the conclusion of your internship. The Internship application form is available here.	Undergraduate	Semester 1, 2018	Communication & Arts School	2		
Honours Research Thesis	A supervised 15,000 word thesis which reports an original piece of research, grounded in knowledge of the theories and previous studies in the field, and completed in a manner consistent with research reporting in that field. This course is part of the Bachelor of Arts (Honours) Journalism and Mass Communication program and the Bachelor of Journalism (Honours) program.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		

Spoken Korean IA	This course provides first exposure to speaking and listening in Korean for students with no prior knowledge of Korean language. It will cover the following elements: Korean alphabets, elementary Korean vocabularies, sentence structure and grammar as used in the modern Korean society. These will be learned through speaking activities, listening comprehension exercises and conversational practice. Relevant cultural features of the language will be introduced throughout the course.	Undergraduate	Semester 1, 2018	Languages & Cultures School	2		
Written Korean IA	This course focuses on reading and writing in Korean for students with no prior knowledge of Korean language. The course includes structural analysis of modern Korean and important grammatical patterns. Writing exercises and relevant cultural feathres will be emphasized throughout the course.	Undergraduate	Semester 1, 2018	Languages & Cultures School	2		
Written Korean II A	This course consolidates work done in KORN2022 and focuses on reading and writing in Korean to expand the basis of reading and writing skills to a wider range of topics and occasions. This course introduces basic Hanja (Chinese characters), which comprise 70% of Korean vocabulary and exercises to practice Korean sentence structure and grammar. Moreover, students will continue to practice translation between the two languages (Korean/English). This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Foundation in Korean Language and Culture	The course examines the foundation of Korean language, its origin and interaction with other languages and culture and how they are integrated in the Korean language. This course also looks at the variations and honorifics in Korean language including the variation in South and North Korean expressions. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		

Spoken Korean IB	This course consolidates work done in KORN1010 to enhance students' ability to develop communication skills. The course provides students with further opportunities to improve oral/aural competence and communicative competence through pair and group activities. The course also introduces complex grammatical structure through oral texts.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Written Korean IB	This course consolidates work done in KORN1011 to improve reading and writing skills by providing further new words including compound words. The course will improve students' understanding of Korean sentence structure and grammar and enhance students' ability to translate between the two languages (Korean/English).	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Spoken Korean IIA	This course consolidates work done in KORN2020 to expand the basis of oral communication skills to a wider ranges of topics and occasions. The course uses authentic materials that reflect current Korean language use, and teaches idioms, colloquial forms, and commonly used Hanja (Chinese characters).	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Spoken Korean IIB	This course consolidate work done in KORN2101 and focuses on further facets of spoken Korean with immediate practical applications. This courses will introduce colloquial expressions and provide practice the use of wide range of the expressions. Increasingly, more complex grammatical structures will be practice using various materials such as textbooks and internet sources.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Written Korean IIB	This course consolidate work done in KORN2003 and focuses on the development of reading comprehension of intermediate level texts and practicing of a wide range of writing from simple to more complex narrative forms and genres such as email writing by using various expression and increasingly complex grammatical structures. The course will broaden the students' knowledge of vocabulary and grammar use and enhance the ability to translate between the two languages (Korean/English). Materials are drawn from textbooks, authentic print, and internet sources.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		

Intercultural and Business Communication in Korean and English A	In this course the students' formal knowledge of Korean grammar is further developed so that they can appropriately and efficiently assimilate the elements and structures essential for business usages of the language. Vocabularies, expressions and terminologies based on business and Korean real life situations will be further developed. Hanja (Chinese characters) which are commonly used in Korean society will be introduced. This course also aims to prepare students who have Korean language skills for effective communication in business by: 1. introducing students to the concepts and processes of business communication within Korean and/or English-language business contexts 2. providing students with socio-linguistic knowledge to deal with Korean and/or English-language business texts and documents in terms of business practice and formality 3. developing students' interpersonal, oral and written communication skills in Korean and/or English-language at individual, group and organisation levels 4. developing students' understanding of the socio-cultural implications of Korean and/or English language for the business communication process, in multicultural contexts and in the international business world This course may be cancelled if fewer than 20 students enrol.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Korean-English Translation and Interpreting A	KORN3112 provides effective formal training through which students can successfully develop practical skills in interpretation and translation between Korean and English. In other words, this course aims to fill the gap between traditional language instruction for communicative purposes and language instruction specific to the needs of students of translation and interpretation, by offering extensive practice in reading, writing, speaking and listening while refining both fluency and accuracy in Korean and English. In addition to the acquisition of practical skills in interpretation and translation, this course also aims to help students develop a general awareness of the many aspects involved in the field of interpretation and translation.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		

Intercultural and Business Communication in Korean and English B	KORN3201 is a continuing course from KORN3101. The course will enhance students' knowledge of contemporary Korean language and culture and consolidate the skills acquired in KORN 3101; however, at this level, all four communicative skills (speaking, listening, reading and writing) and cultural competence have the same importance. This course will also provide a good opportunity to exercise the Hanja that are frequently used in daily life, and advanced grammar for written/spoken and colloquial Korean. This course aims to; 1. Understand and give spoken or written information extracted from articles (newspapers, blogs, magazines, personal writings) 2. Develop listening, speaking, reading and writing skills in Korean at an advanced level, through the use of a wide range of texts including audio-visual materials. 3. Interact with others to discuss various topics through the use of social routines and exchange of information, ideas, opinions, experiences, plans and advice. 4. Develop and strengthen knowledge of the Korean language and culture.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Korean-English Translation and Interpreting B	This course will introduce students to fundamental skills in Korean and English translation and interpreting. Students will be exposed to a variety of authentic Korean texts drawn from media such as newspapers, drama and the internet. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		

Korean for Korean Speakers and Advanced Non-Korean Speakers	This course provides students functional communicative ability that is linguistically competent and culturally appropriate in a given context pursuing towards the TOPIK level 4. For this purpose, this course aims to build the structural foundation of Korean grammar and the use of honorifics and different speech styles will be also taught to enhance students' sociolinguistic and pragmatic competence. While this course will cover four language skills, more emphasis will be given on reading and writing skills, which need to be worked on by these students. Upon completion of the course, students should be able to talk and write about a variety of topics such as mood and personalities, clothing, weather, illness, Korean food, etc. with reasonable accuracy and in a sociolinguistically appropriate manner. Before enrolling in this course, students must take a placement test.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Korean Study Project	This course provides students the research and translation experience of an individual project. Students are given the opportunity to further investigate a topic that they choose and negotiate with the program convenor. Before enrolling in this course, students should consult the program convenor to discuss & determine a suitable study plan on basis of previous and likely future interests.	Undergraduate	Semester 1, 2018	Languages & Cultures School	2		
Latin Set Texts	A detailed study of Latin literary and historical texts chosen by the Course Co-ordinator.	Postgraduate Coursework	Semester 1, 2018	Historical & Philosophical Inq	1		
Business Taxation	This course is an introductory level examination of the basic principles of taxation law in Australia, with particular emphasis on the topics required by professional accounting bodies for accreditation purposes.	Postgraduate Coursework	Semester 1, 2018	Law School	2		
Introductory Latin	For students with little or no previous experience of Latin. The course teaches Latin grammar and basic syntax, and gives an introduction to the reading of Latin. NOTE: The course is sectioned to ensure a maximum class size of no more than 30.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		

Intermediate Latin	An intermediate course in the ancient Latin language, following on from LATN1110. The course teaches further Latin grammar and gives an introduction to the reading of several Latin authors. NOTE: Instruction by small group teaching.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Latin Language & Literature 1	The course teaches further Latin grammar and syntax, and studies selections from Latin authors. It involves both a literary and linguistic study of the writers concerned, together with their social and historical significance. NOTE: Instruction by small group teaching.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Latin Language & Literature 2	Further in-depth study of the Latin language, including new grammar, syntax, vocabulary and research skills for Latinists. NOTE: Instruction by small group teaching.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Advanced Latin 1	A detailed study of Latin literary and historical texts chosen by the course coordinator.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Advanced Latin 2	A detailed study of Latin literary and historical texts chosen by the Course Coordinator.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Real Estate Law	Concepts of property & effects of doctrine of tenure, title & property rights upon valuation practice & the property industry.	Postgraduate Coursework	Semester 2, 2018	Law School	1		
Latin Guided Texts	A detailed study of Latin literary or historical texts chosen by the course coordinator.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Latin Honours Research Thesis	Latin honours students will write a thesis of 16,000 words on a topic agreed with their advisor after consultation. The thesis will incorporate evidence of substantial translation and analysis. This course is for full-time and part-time students commencing in Semester 1. Full-time and part-time students commencing in Semester 2 enroll in LATN6312.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	2		
Business Law	This course is an introductory level examination of the law regulating business in Australia today for accountants, business managers and other non-legal professionals. The course seeks to develop students' knowledge of the Australian legal system and of the laws associated with starting, managing, financing and closing a business, as well as their ability to solve simple legal problems.	Undergraduate	Semester 1, 2018	Law School	2		

Legal Method	In the context of an analysis of the structure & origin of the Australian legal system, students gain fundamental knowledge & develop essential skills in relation to: legal reasoning, case analysis, precedent theory & identification of ratio decidendi; fundamental legislative principles & legislation; theories & principles of statutory interpretation; legal research & legal writing.	Undergraduate	Semester 1, 2018	Law School	1		
Law of Torts A	The nature of law of tort. Intentional torts against the person. Torts in relation to land, enjoyment of land & chattels. Introduction to the tort of negligence (including modification by the Civil Liability Act 2003 (Qld)).	Undergraduate	Semester 1, 2018	Law School	1		
Law of Torts B	This course is an intermediate level analysis of the law and policy of Australian tort law, comprising study of particular applications of the tort of negligence, breach of statutory duty, defamation, invasion of privacy, vicarious liability, actions on death and alternative methods of providing compensation for accidental injury. The course seeks to develop students' knowledge and understanding of the field as well as their ability to solve complex legal problems through appropriate research.	Undergraduate	Semester 2, 2018	Law School	1		
Principles of Public Law	This course is an introductory level consideration of the key features of the law governing public power in Australia. It acts as a foundation for later study of constitutional and administrative law. The course stresses theoretical and contextual understanding of contested topics such as constitutionalism, federalism, rights discourse, the proper roles of constitutional courts, legislature and executive, and mechanisms of executive accountability.	Undergraduate	Semester 2, 2018	Law School	1		
Constitutional Law	This course continues the study of state & federal constitutional law introduced in LAWS1115 Principles of Public Law. The course will examine the constitutional relationship between the States & the Commonwealth, the subjects of Commonwealth legislative power, constitutional rights & freedoms, government finance, free trade & the amendment of the State and Commonwealth Constitutions.	Undergraduate	Semester 1, 2018	Law School	1		

Foundations of Law	This course examines the structure of the Australian legal system and evaluates the core concepts underpinning the contextual realities of the system such as liberalism, the nature of rights, the plurality of law and the rule of law. The course also introduces students to legal thinking, case analysis, statutory interpretation and essential legal research skills. The course will therefore provide the platform for the future study of law.	Undergraduate	Semester 1, 2018	Law School	1		
Law of Contract I: Principles of Contractual Agreement	This course examines the nature of, and elements giving rise to, contractual agreement, that is, how parties may assume enforceable contractual obligations towards each other and how to ascertain the content and meaning of those obligations.	Undergraduate	Semester 1, 2018	Law School	1		
Law of Contract II: Principles of Contractual Liability	This course examines the nature and elements of contractual liability, including the rules relating to privity, discharge, vitiating factors, and remedies.	Undergraduate	Semester 2, 2018	Law School	1		
Principles of Public Law	This course provides an introduction to the key features of the law governing public power in Australia and is the foundation for later study of constitutional and administrative law.	Undergraduate	Semester 2, 2018	Law School	1		
Real Estate Law	Concepts of property & effects of doctrine of tenure, title & property rights upon valuation practice & the property industry.	Undergraduate	Semester 2, 2018	Law School	1		
Law of Contract A	An introduction to the concept of contractual obligation, including the rules relating to formation of contract, terms and exemption clauses.	Undergraduate	Semester 1, 2018	Law School	1		
Law of Contract B	A continuation of the study of contract law, including the rules relating to discharge, vitiating factors, remedies and the doctrine of privity.	Undergraduate	Semester 2, 2018	Law School	1		
Criminal Law and Procedure A	Criminal Law & Procedure A involves the study of the general principles of criminal responsibility & of specific offences & defences under Queensland's criminal law. The course draws comparisons - where relevant - to developments at common law. It also introduces the rapidly expanding area of federal criminal law.	Undergraduate	Semester 1, 2018	Law School	1		
Criminal Law and Procedure B	Criminal Law and Procedure B examines the practical operation of the criminal law. The course explores two central concepts; discretion and fairness, to examine the processes involved from the pre-trial stage to sentencing and appeals.	Undergraduate	Semester 2, 2018	Law School	1		

Administrative Law	An examination of the rules, principles and procedures applied by the courts to review the legality of government action, including: the contrast between legality review by the courts and merits review by tribunals; the grounds of judicial review historically associated with the concepts of ultra vires, jurisdictional error & natural justice; the statutory remedies available federally (principally via the Administrative Decisions (Judicial Review) Act 1977 (Cth)) and in Queensland (via the Judicial Review Act 1991); and other relevant statutory, common law & equitable remedies.	Undergraduate	Semester 2, 2018	Law School	1		
Criminal Law in Context	Criminal Law in context involves the study of the general principles of criminal responsibility and procedure and examines how specific offences are made, defined, prosecuted and defended. The course examines how the operation of different institutions and actors (public and private police, prosecution, courts, defendants, juries, corrections) shape the boundaries of the criminal law, focusing on the role of discretion and public interest/policy considerations.	Undergraduate	Semester 1, 2018	Law School	1		
Criminal Law: Principles, Offences and Defences	This course involves the study of the general principles of criminal responsibility in the context of specific offences and defences under Queensland's criminal law. The course also introduces students to the criminal justice process and Australian criminal justice institutions.	Undergraduate	Semester 1, 2018	Law School	1		
Criminal Law: Process and Procedure	This course examines procedural criminal law and demonstrates how the rules governing criminal procedure are integral to a fair and efficient criminal justice system.	Undergraduate	Semester 2, 2018	Law School	1		
Law of Torts I	This course considers the nature of the law of tort. It examines intentional torts against the person, and torts in relation to land and the enjoyment of land. The course also includes an introduction to the tort of negligence (including modification by the Civil Liability Act 2003 (Qld)).	Undergraduate	Semester 1, 2018	Law School	1		

Law of Torts II	This course builds on the basic knowledge of the law of torts developed in Torts I, focusing in greater depth on particular problem areas within the law of negligence. It also introduces students to a further range of torts protecting personal interests and places the law of torts in context by examining principles of vicarious liability and alternative compensation schemes that exist for personal injury and death.	Undergraduate	Semester 2, 2018	Law School	1		
Trusts and Equity I	This course provides an introduction to the nature and history of the equitable jurisdiction and to the law of trusts, focusing upon the creation of trusts, both testamentary and inter vivos. It also considers the classification of trusts, and commercial and other applications of trusts.	Undergraduate	Semester 1, 2018	Law School	1		
Trusts and Equity II	This course focuses on the administration of trusts. Resulting and constructive trusts are also dealt with, but the main focus of the course is on the powers and duties of trustees and remedies in respect of breaches of trust. Related areas of law, in particular the law of fiduciary obligations and remedies in respect of breaches of such obligations are also considered in detail.	Undergraduate	Semester 2, 2018	Law School	1		
Foundations of Property Law	This course introduces students to the basic conceptual building blocks of the modern law of property in Australia (and, where necessary, in Queensland in particular). It explores the conceptual core of "property" in general, before systematically examining foundational concepts, rules, principles and operations (legal, equitable and statutory) relating to the two primary forms of property: personal property and real property.	Undergraduate	Semester 1, 2018	Law School	1		
Interests in Property	This course builds upon Foundations of Property Law but focuses exclusively on property rights and interests, both legal and equitable.	Undergraduate	Semester 2, 2018	Law School	1		
Occupational Health & Safety Law	This course will introduce students to the central legal concepts and principles in occupational health and safety, including the history and development of OH&S legislation, the relationship between OH&S law and industrial law, and the relationship between OH&S legislation and common law.	Undergraduate	Semester 2, 2018	Law School	1		

Corporations Law	Law relating to commercial companies; in particular, legal personality, directors' duties, shareholders' rights, liquidations, takeovers, & comparison with partnership structure.	Undergraduate	Semester 1, 2018	Law School	2		
Income Tax Law	This course is an introductory level examination of the basic principles of taxation law in Australia, with particular emphasis on the topics required by professional accounting bodies for accreditation purposes.	Undergraduate	Semester 1, 2018	Law School	2		
Law of Property A	This course is an intermediate level analysis of the law and policy of Australian property law which introduces students to fundamental principles and concepts. The course comprises a study of possession and title to land, the doctrines of tenure and estates, concurrent ownership, leasehold interests, strata title and additionally introduces students to native title. The course seeks to develop students' knowledge and understanding in these areas, and their ability to solve complex legal problems.	Undergraduate	Semester 1, 2018	Law School	1		
Law of Property B	This course is an intermediate level analysis of the law of real and personal property interests in Australia. The course builds on the fundamental principles and concepts related to property that are considered in Property Law A. The course comprises a study of statutory schemes relating to property: the Torrens Title system to land and the Personal Property Securities Act in relation to personal property. It also examines equitable interests in property and proprietary interests in real and personal property. The course seeks to deepen students' knowledge in these areas and their ability to solve complex legal problems related to interests in property.	Undergraduate	Semester 2, 2018	Law School	1		
Law of Trusts A	Introduction to the nature & history of the equitable jurisdiction & to the law of trusts, focusing upon the creation of trusts, both testamentary & inter vivos. Classification of trusts & consideration of commercial & other applications of trusts.	Undergraduate	Semester 1, 2018	Law School	1		

Law of Trusts B	Administration of trusts and deceased estates, including consideration of duties and powers of trustees and executors, variation of trusts, trustees' right to indemnity, remedies for breach of trust. Consideration of situations in which resulting trusts arise.	Undergraduate	Semester 2, 2018	Law School	1		
Transnational Crime and International Criminal Justice	This course involves studying international responses to crimes that are global in nature. It will look at how the law and international agencies respond to such crimes as organised crime, people trafficking, cyber crime, terrorism, corporate crime and crimes against humanity. The adequacy and effectiveness of responses to transnational and global crime will be assessed.	Undergraduate	Semester 2, 2018	Law School	1		
Constitutional Law	This course continues the study of state and federal constitutional law introduced in Principles of Public Law. The course examines the constitutional relationship between the states and the Commonwealth, the subjects of Commonwealth legislative and executive power, constitutional principles concerning the separation of powers and judicial independence, constitutional rights and freedoms, and the amendment of the state and Commonwealth Constitutions.	Undergraduate	Semester 1, 2018	Law School	1		
Administrative Law	This course is concerned with the legal accountability of bodies wielding public power or discharging public functions to ensure that people's rights and interests are respected in their dealings with governments and their delegates or agents. Public power encompasses administrative, judicial and legislative power, and this course is primarily concerned with accountability for the exercise of administrative (executive) power in a range of settings.	Undergraduate	Semester 2, 2018	Law School	1		
Corporate Law	This course considers the law concerning companies, including the nature of corporate bodies, corporate personality and limited liability, formation, management and governance, finance, and liquidation.	Undergraduate	Semester 1, 2018	Law School	1		

Ethics and the Legal Profession	This course provides students with information about the history and development of the legal profession, and current structures and bodies that regulate lawyers today. The course examines in detail the law, professional rules and values applying to lawyers, and explores ethical issues that arise in professional practice.	Undergraduate	Semester 1, 2018	Law School	1		
Jurisprudence	This course offers an overview of some of the main historical, doctrinal and philosophical perspectives that have influenced the understanding of law as an institution, together with an introduction to key theoretical positions and interdisciplinary movements that provide critique and commentary on the role of law.	Undergraduate	Semester 2, 2018	Law School	1		
Public International Law	This course introduces the institutions, rules and principles of Public International Law. It explores the history, theory and efficacy of the international legal system as well as the system's sources of law and its general rules and principles. It also introduces specific areas of international legal regulation.	Undergraduate	Semester 2, 2018	Law School	1		
Seminars in Jurisprudence	Jurisprudence offers an overview of the historical, doctrinal & philosophical perspectives that have influenced the development of law, together with an introduction to key theoretical positions & interdisciplinary movements that provide critique and commentary on the role of law. Topics include theoretical accounts of the nature of law (including the theories of Hart, Dworkin, Austin, and Kelsen); the central ideas of the natural law tradition, the nature of legal reasoning & the role of the judge; the analytical nature of legal rights & duties; conceptions of justice; the internal organisation of the law; & an introduction to a range of theoretical perspectives of the law, both internal & external.	Undergraduate	Semester 2, 2018	Law School	1		
Corporate Law	A study of aspects of the law concerning companies, including the nature of corporate bodies, corporate personality & limited liability, formation, management & governance, finance, & liquidation.	Undergraduate	Semester 1, 2018	Law School	1		
Advanced Research	This course provides an opportunity for students to pursue in some depth an area of special interest under the supervision of a member of the Law School academic staff.	Undergraduate	Semester 1, 2018	Law School	3		

Law of Evidence	This course is a critical examination of the law and practice relating to evidence in civil and criminal proceedings in Queensland and under the uniform legislation operating in some other parts of Australia. The course involves an analysis of the underlying principles of the law of evidence, and involves an examination of contentious evidentiary issues through a comparative and international perspective.	Undergraduate	Semester 2, 2018	Law School	1		
Family Law	This course is an intermediate level consideration, examination of, and reflection upon, the legal issues, legislation, case law, theory, practice, social context and key features of what is commonly known as "family law" in Australia. The course seeks to develop students' knowledge of the law relating to the breakdown of interpersonal relationships; awareness of the application of the relevant principles set out in the Family Law Act (and other related legislation including the Domestic and Family Violence Act) in both a legal and wider social context; and ability to identify and critically consider legal issues in the midst of complex inter-personal issues.	Undergraduate	Semester 1, 2018	Law School	1		
Labour Law	This course is focused on the federal law regulating employment. The course seeks to develop student awareness of this practical and important area, covering both individual and collective aspects, and common law, constitutional and statutory issues. It also places the black-letter law in its political context, including the balance between employee protection and economic efficiency.	Undergraduate	Semester 1, 2018	Law School	1		
Human Rights Law	This course is a critical examination of the legal and social issues that arise in the practice of human rights law. It draws comparisons between Australian law and law in other jurisdictions, particularly the United States and Europe. The course seeks to develop students' skills in critical analysis by encouraging them to reflect on the role of human rights law within democratic societies, and whether human rights law has the capability to solve complex social problems.	Undergraduate	Semester 2, 2018	Law School	1		

Environmental Law	This course is a critical examination and analysis of the legal, social and political contexts of environmental law in Australia. The course seeks to develop students' knowledge of environmental laws, and ability to solve complex legal problems and critically evaluate the effectiveness of environmental laws.	Undergraduate	Semester 1, 2018	Law School	1		
Commercial Law	Commercial law addresses some of the issues which arise in commercial law practice such as agency, sale of goods, insurance, and business to business trade practices law.	Undergraduate	Semester 2, 2018	Law School	1		
Insurance Law	The course focuses on the statutes and common law principles regulating insurance law. The aim of the course is to familiarise students with legislation such as the Insurance Contracts Act 1984 (Cth) and compulsory third party motor vehicle workers compensation legislation as well as the common law principles applicable to insurance contracts.	Undergraduate	Semester 2, 2018	Law School	1		
Introduction to Taxation Law	Introduction to basic concepts of income tax legislation such as income, residence & source; timing of recognition of receipt of income; capital gains; allowable deductions & treatment of trading stock.	Undergraduate	Semester 1, 2018	Law School	1		
Law and Technology	Legal and commercial rules and issues underpinning electronic commerce, including electronic banking, transnational electronic business transactions, electronic sale of goods and verification, cybercrime, jurisdictional issues and privacy.	Undergraduate	Semester 1, 2018	Law School	1		
Private International Law	Problems associated with intrusion of a "foreign" system of law including topics of jurisdiction, recognition of foreign judgments, domicile, family law, property law, contracts, torts, succession & administration of deceased estates.	Undergraduate	Semester 2, 2018	Law School	1		
Public International Law	Introduction to international law (including institutional structures, pacific settlement of disputes, history and theoretical assessments); sources of international law (with particular attention to treaties); international and municipal law; international personality (including States and international organisations); State jurisdiction and responsibility; international human rights law; international criminal law; international economic law; international environmental law; law of the sea; use of force and the law of armed conflict.	Undergraduate	Semester 2, 2018	Law School	1		

Jessup International Law Moot	Offered in conjunction with student participation in Jessup International Law Moot Competition. Students represent the Law School in this prestigious competition which involves both oral advocacy & preparation of written submissions. Students wishing to enrol in this course should first make an application to the coordinator.	Undergraduate	Semester 1, 2018	Law School	1		
Advanced Legal Drafting	Techniques of drafting and their practice in documents.	Undergraduate	Summer Semester, 2	Law School	1		
Clinical Legal Education	This clinical legal education course provides students with the opportunity to engage in supervised legal practice. A range of clinics will be available each semester.	Undergraduate	Semester 1, 2018	Law School	2		
Law Journals	Editing of law journals, research & writing of case notes, reviews & essays for a journal and preparation of the journal for publication.	Undergraduate	Semester 2, 2018	Law School	1		
Special Topic A	Legal context of some issues confronting contemporary society. Possible changes available to enable law to deal more adequately with novel problems. Topics vary from year to year.	Undergraduate	Semester 1, 2018	Law School	1		
Islamic Law	An introduction to the history and scope of Islamic law and the legal system including an examination of comparative issues relating to Islamic and western secular legal and constitutional thought. Topics include: pre-Islamic background; features of the Islamic legal system; sources, the theoretical and practical application of Islamic law; comparative issues and Islamic criminal law and procedure.	Undergraduate	Semester 1, 2018	Law School	1		
Immigration and Refugee Law	Immigration and Refugee Law examines the legal and regulatory framework under which persons are permitted to migrate to Australia. It examines the various migration programs (Family, Skilled, Refugee) as well as the ability of the courts to review migration decisions.	Undergraduate	Semester 2, 2018	Law School	1		
Copyright Law	This course provides an in depth examination of copyright law. It seeks to develop students' knowledge of the nature and significance of copyright (including moral rights) in Australia, and compare Australian law with that in jurisdictions including the UK/Europe, the US and Canada. It will pose normative questions about the appropriate scope of copyright protection.	Undergraduate	Semester 2, 2018	Law School	1		

Law Moot A	The course will involve mooting on a topical legal issue or field of law. Moots will vary from year to year. Refer to the Law School website for current competition and topic.	Undergraduate	Semester 1, 2018	Law School	2		
Law Moot B	The course will involve mooting on a topical legal issue or field of law. Moots will vary from year to year. Refer to the Law School website for current competition and topic.	Undergraduate	Semester 1, 2018	Law School	1		
Civil Procedure	An analysis of the common law system of adversarial adjudication, including State and Federal civil court jurisdiction, costs of litigation, service of process, the role of the court in managing civil litigation, defining the questions for trial, obtaining evidence, pre-trial disclosure, disposition without trial, settling litigation, judgment and enforcing judgment, and appeals.	Undergraduate	Semester 1, 2018	Law School	1		
Law of Evidence	This course is a critical examination of the law and practice relating to evidence in civil & criminal proceedings in Queensland and under the uniform legislation operating in some other parts of Australia. The course seeks to develop students' knowledge of evidence law and the ability to understand how it operates in practice. Students seeking admission to the legal profession must complete this course or its equivalent.	Undergraduate	Semester 2, 2018	Law School	1		
The Legal Profession	An introduction to philosophies of applied ethics and to the idea of professionalism, including the structure and regulation of the legal profession, admission and discipline, and professional duties to the law, the courts, other practitioners and the client.	Undergraduate	Semester 1, 2018	Law School	1		
Advanced Tax	The course builds on the basic tax concepts used to determine income tax payable by considering specific contemporary issues such as the taxation of entities, special topics in capital gains tax, international issues, tax evasion & avoidance, administrative aspects of tax, & goods & services tax.	Undergraduate	Semester 2, 2018	Law School	1		
Special Topic C	This course will involve the study of a topical legal issue or field of law. Topics will vary from year to year. Refer to the Law School website for the current topic.	Undergraduate	Semester 2, 2018	Law School	2		

Special Topic D	This course will involve the study of a topical legal issue or field of law. Topics will vary from year to year. Refer to the Law School website for the current topic.	Undergraduate	Summer Semester, 2	Law School	1		
Human Trafficking and Migrant Smuggling Working Group	In this course students undertake directed study on selected issues on topics relating to trafficking in persons and smuggling of migrants. Students gain a general understanding of the pattern of, and the policies and laws relating to trafficking in persons and migrant smuggling, liaise with key stakeholders in the field, and have an opportunity to present their research findings to an academic audience and publish their written material. The course is also designed to equip students with advanced research, communication, presentation, writing and team-work skills, specifically in this field of study.	Undergraduate	Semester 1, 2018	Law School	2		
Transnational Perspectives in Law	This course allows students to apply knowledge and skills gained in the LLB within an international environment. It will explore opportunities for interjurisdictional learning, including exposure to civil law, and assist students in developing their cross-cultural competence and regional employability prospects.	Undergraduate	Semester 1, 2018	Law School	2		
Public Law	The course will deepen student understanding of the application and purposes of public law with particular analysis of criminal law and procedure, constitutional law, and administrative law.	Postgraduate Coursework	Semester 2, 2018	Law School	1		
Business and Corporate Law	This course introduces students to the Australian legal system and develops student knowledge of Australian business and corporations law. The course is intended to provide a foundation for non-legal professionals intending to work in business.	Postgraduate Coursework	Semester 1, 2018	Law School	2		
Occupational Health & Safety Law	This course will introduce students to the central legal concepts and principles in occupational health and safety, including the history and development of OH&S legislation, the relationship between OH&S law and industrial law, and the relationship between OH&S legislation and common law.	Postgraduate Coursework	Semester 2, 2018	Law School	1		
Private Law	This course is designed to deepen understanding of the foundations, organisation and purposes of the private law; as well to provide a more detailed analysis of the areas of tort law, contract law, commercial law and property law.	Postgraduate Coursework	Semester 1, 2018	Law School	1		

Estate Planning	This course is an advanced level examination of the regulation, management and planning of wealth creation, wealth preservation and wealth transfer in Australia, including the use of testamentary trusts, insurance and binding financial agreements and the impact of Family Provision claims and bankruptcy as a feature of estate planning. The course seeks to develop students' ability to articulate clearly and coherently the legal and policy issues in relation to estate planning, formulate and investigate problems, create solutions, innovate and suggest reform improvements in relation to the law.	Postgraduate Coursework	Semester 1, 2018	Law School	1		
Major Dissertation B	This #8 Dissertation consists of a piece of independent research completed by the student under the supervision of a member of the Law School academic staff. Students are to complete a dissertation paper on a topic approved by the Director of Postgraduate Coursework Programs (Law). The final dissertation shall be approximately 25,000 words in length. Students commencing in Sem 1 must enrol in LAWS7706 for both semesters. Students commencing in Sem 2 must enrol in LAWS7707 for both semesters. Any approved topic for LAWS7706 or LAWS7707 Major Dissertation B must be substantially different from any other postgraduate research project/topic previously undertaken by the student.	Postgraduate Coursework	Semester 1, 2018	Law School	2		
Major Dissertation B	This #8 Dissertation consists of a piece of independent research completed by the student under the supervision of a member of the Law School academic staff. Students are to complete a dissertation paper on a topic approved by the Director of Postgraduate Coursework Programs (Law). The final dissertation shall be approximately 25,000 words in length. Students commencing in Sem 1 must enrol in LAWS7706 for both semesters. Students commencing in Sem 2 must enrol in LAWS7707 for both semesters. Any approved topic for LAWS7706 or LAWS7707 Major Dissertation B must be substantially different from any other postgraduate research project/topic previously undertaken by the student.	Postgraduate Coursework	Semester 2, 2018	Law School	1		

Intellectual Property Law	This course is an introductory level examination of the general law and statutory protection of intellectual property in Australia. The course seeks to develop students' understanding of the various forms of IP protection including copyright, passing off, trademarks, designs, patents, confidential information, circuit layout and plant breeders? rights. The course will focus on subject matter that is protected, the pre-conditions for protection, the nature of infringement, and the remedies for infringement.	Postgraduate Coursework	Semester 1, 2018	Law School	1		
Principles of Global Law	This course is a reflection upon, and analysis of, legal orders within, between and above a nation's domestic legal system. Today, the scope of legal regulation is no longer limited to national territories. This course will delve into the nature of international law, supranational law, comparative law, domestic law and legal pluralism, including their interconnections and points of conflict. These global issues impact upon individuals and the choices available to legislators and decision-makers. This requires a framework that sees law as a global phenomenon with fluid boundaries.	Postgraduate Coursework	Semester 1, 2018	Law School	2		
Law of Armed Conflict	This course will focus on selected topics in the law of war (or international humanitarian law). This body of law centres on the four Geneva Conventions of 1949 and their two Additional Protocols of 1977. We will examine issues such as the definition of armed conflict, the doctrine of military necessity, the significance of prisoner of war status, the relationship between international humanitarian law and human rights standards, and issues concerning implementation and enforcement. The course will consider the challenges posed to international humanitarian law by the changing character of armed conflict, the fragmentation of international law, and the evolving character of international relations. We will consider historical and current case studies to examine how humanitarian rules operate in practice.	Postgraduate Coursework	Semester 1, 2018	Law School	1		

Law, Terrorism and Human Rights	After the terrorist attacks of 9/11, the prevention and prosecution of terrorism emerged as a key priority for governments. This subject considers and critiques Australia's approach to fighting terrorism, with a particular focus on the positive and negative human rights implications of anti-terrorism law. Students will be introduced to key aspects of Australian anti-terrorism law, situated within a theoretical and comparative context. Core themes of central importance in the national security arena emerge in this discussion. For instance, how far should governments go in protecting national security? How might basic values like democracy and the rule of law be preserved in the national security context? Does a tension necessarily exist between the preservation of national security and human rights? How might governments seek to achieve security and liberty? What roles are played by the judiciary and legislature as checks upon executive overreach? How might the effectiveness and necessity of anti-terrorism measures be tested and achieved?	Postgraduate Coursework	Semester 2, 2018	Law School	1		
Refugees, Asylum Seekers and the Law: Rights and Realities	This course critically examines international and regional laws (treaties and case-law), and domestic policies and laws (legislation and case-law) and politics, relating to forced migration. Study will focus on both historical and contemporary refugee law and practice in Australia in light of international refugee law, and international human rights law in particular. The transplantation of those international norms into domestic law via the Migration Act 1958 (Cth) (and key cases interpreting and applying those laws) will be carefully and critically analysed. Attention will also focus on the key challenges to refugee protection raised by contemporary Australian practices, especially in respect of asylum seekers arriving irregularly by sea; including mandatory detention, offshore (regional) processing and temporary protection. The course will encourage students to incorporate comparative and/or interdisciplinary perspectives into their legal analyses of international law and domestic law and practice.	Postgraduate Coursework	Semester 2, 2018	Law School	1		

Current Issues in International Law (Private)	This course will examine contemporary private law issues from an international and comparative perspective. Topics will vary from year to year, drawing on the innovative research of TC Beirne School of Law academic staff, as well as the expertise of visiting scholars and leading practitioners. Please refer to the Law School website for current topics. A typical range of topics will include issues relating to comparative competition law, cyber security law, international sale of goods law, commercial conflicts of law, and copyright law.	Postgraduate Coursework	Summer Semester, 2	Law School	1		
Constitutional Government & Public Power	This course explores the sources and nature of public power and the regulation of that power through the concepts of legitimacy (representative democracy), accountability (responsible government), and enforcement (judicial review).	Postgraduate Coursework	Semester 1, 2018	Law School	1		
Supervised Research Project	This 2 unit project consists of a piece of independent research completed by the student under the supervision of a member of the Law School academic staff. Students are to complete a research paper on a topic approved by the Director of Postgraduate Coursework Programs (Law). The final research paper shall be no more than 10,000 words in length. Any approved topic for LAWS7825 must be substantially different from any other LLM or LLM (Adv) research project/dissertation previously undertaken by the student.	Postgraduate Coursework	Semester 1, 2018	Law School	1		
Dissertation B	This #4 Dissertation consists of a piece of independent research completed by the student under the supervision of a member of the Law School academic staff. Students are to complete a dissertation paper on a topic approved by the Director of Postgraduate Coursework Programs (Law). The final dissertation shall be approximately 15,000 words in length. Students commencing in Sem 1 must enrol in LAWS7826 for both semesters. Students commencing in Sem 2 must enrol in LAWS7904 for both semesters. Any approved topic for LAWS7826 must be substantially different from any other postgraduate research project/dissertation previously undertaken by the student.	Postgraduate Coursework	Semester 1, 2018	Law School	2		

Cultural Heritage Law	This course is an advanced level description and examination of the legal issues and associated social context raised by cultural heritage in Australia and internationally. The course seeks to develop students' knowledge of cultural heritage law, raise awareness of the role law plays in the protection of cultural heritage and develop an ability to solve complex legal problems associated with the protection of cultural heritage.	Postgraduate Coursework	Semester 2, 2018	Law School	1		
Theories in Dispute Resolution	This course will critically discuss and analyse the nature and causes of conflict and various theories of dispute resolution to better equip legal practitioners and stakeholders in their roles as dispute resolvers and advisers. The course will examine dispute resolution processes used in civil, criminal and international contexts.	Postgraduate Coursework	Semester 2, 2018	Law School	1		
Special Topic A	The course will involve advanced study of a topical legal issue or field of law. Topics will vary from year to year, refer to the Law School website for current topic.	Postgraduate Coursework	Semester 2, 2018	Law School	1		
Mediation	An analysis of the law, principles and values of dispute mediation. The course will also seek to develop practical mediation skills.	Postgraduate Coursework	Semester 1, 2018	Law School	2		
Law of the World Trade Organization	An examination of the regulation of international trade by member states of the World Trade Organization, including trade in goods and services, investment, intellectual property and dispute settlement.	Postgraduate Coursework	Semester 1, 2018	Law School	1		
Maritime Law	The course covers maritime liabilities and claims and their enforcement using as central examples collisions, salvage and limitation of liability. It will consider how these liabilities and claims arise and are enforced in a variety of international laws, as well as in international conventions and under standard form contracts in use worldwide.	Postgraduate Coursework	Semester 2, 2018	Law School	1		
International Commercial Arbitration Law	This course deals in depth with the process of international commercial arbitration, which is one of the major growth areas of legal practice and possibly the most widely used dispute resolution method in international business.	Postgraduate Coursework	Semester 1, 2018	Law School	1		

Corporate Governance Law	A consideration of the law regulating corporate governance including the impetus for the corporate governance movement; theories of corporate governance; the corporate governance movement in Australia; corporate decision making; shareholder democracy; executive and non-executive directors; the role of institutional investors; takeovers; executive remuneration; the role of soft law; and proposals for reform.	Postgraduate Coursework	Semester 2, 2018	Law School	1		
Native Title Law and Practice	This course is an advanced examination of native title law in Australia. It deals with the common law concept of native title, as recognized in the High Court decisions in Mabo and Wik, and the statutory regimes for dealing with native title under the Native Title Act 1993 (Cth). While the course focuses primarily on the issues relating to land rights and resource management on native title lands in Australia, it also incorporates some comparative materials from other common law jurisdictions by way of illustration without full analytical comparison.	Postgraduate Coursework	Semester 2, 2018	Law School	1		
Pacific Comparative Law	The course compares the legal systems of Pacific countries. It examines customary law and its relationship with introduced law against a background of legal pluralism and cultural relativism, and considers solutions and directions for the future.	Postgraduate Coursework	Semester 1, 2018	Law School	1		
Special Topic C	The course will involve advanced study of a topical legal issue or field of law. Topics will vary from year to year, refer to the Law School website for current topic.	Postgraduate Coursework	Semester 1, 2018	Law School	2		
Fundamentals of the Common Law	This course will introduce students to the history, sources, principal legal concepts, institutions, and methodology of the common law in Australia. The course will provide students whose backgrounds are not in the common law with a sound basis for further study in a common law system.	Postgraduate Coursework	Semester 1, 2018	Law School	2		
Comparative Constitutional Law	This course will compare the constitutional structures of the US, UK, Canada, Australia and NZ. The focus will be on the effects of Bills of Rights (including their absence), judicial interpretive approaches, the consequences of federalism, and the differences -- if any -- between written and unwritten constitutions.	Postgraduate Coursework	Semester 1, 2018	Law School	1		

Dissertation A	This 4 unit dissertation consists of a piece of independent research completed by the student under the supervision of a member of the Law School academic staff. Students are to complete a dissertation paper on a topic approved by the Director of Postgraduate Coursework Programs (Law). The final dissertation shall be no more than 15,000 words in length. Any approved topic for LAWS7944 must be substantially different from any other LLM or LLM (Adv) research project/dissertation previously undertaken by the student.	Postgraduate Coursework	Semester 1, 2018	Law School	2		
International Trade Finance Law	This course involves a critical examination of the legal and practical issues involved in the financing of international commercial transactions including relevant financial instruments, the role of banks and financial institutions, payment systems, and international regimes.	Postgraduate Coursework	Semester 1, 2018	Law School	1		
Commercial Conflict of Laws	This course examines the way in which cross-border commercial disputes are resolved. In doing so, the course will examine international conventions, selected national legislation and case law that address international commercial problems involving jurisdiction, recognition and enforcement of judgments, and choice of law.	Postgraduate Coursework	Semester 2, 2018	Law School	1		
International Law & Development	This course will examine the role of international law in the growth and economic evolution of developing states. Issues of international investment, international trade and trade finance, the environment, and human rights will be considered.	Postgraduate Coursework	Semester 2, 2018	Law School	1		
Introduction to Linguistics: Phonetics and Phonology	Introduction to principles of structural linguistics focusing on sound patterns in language.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		
English Through Time and Space	This course explores the history of English across the centuries - from its Anglo-Saxon origins to the modern tongue; then looks globally at some of the many different varieties of English that are now in use around the world, including creoles. The course focuses in particular on social, cultural and political factors which have influenced the development of the language and how language changes to adapt to the needs and desires of its speakers.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		

Introduction to Linguistics: Structure and Meaning of Words and Sentences	Introduction to basic concepts in modern linguistics relating to sentence structure and how meaning is encoded. No previous knowledge is assumed. NOTE: This course may not run in Summer Semester if there are fewer than 20 enrolments	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Introduction to Linguistics: The Sound Pattern of Language	Introduction to basic concepts in linguistics focussing on the sound pattern of language, with English as main language of exemplification. No previous knowledge of subject is assumed.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Linguistic Semantics	This course introduces students to linguistic semantics which deals with how meaning is encoded in language and how it can be analysed and represented. NOTE: Course offering may be cancelled unless a minimum of 20 students enrol.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Phonology	Classical & generative approaches to description of sound structures of languages. Concepts & problems in phonological analysis; generative phonology & some current issues in phonological theory. NOTE: Course offering may be cancelled unless a minimum of 20 students enrol.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Language & Society	Language & social context. Study of descriptive & theoretical aspects, the relationship between language and social organisation, language and social interaction. NOTE: Course offering may be cancelled unless a minimum of 20 students enrol.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Morphology: The Structure of Words	Centres around comparison of word structure in a wide variety of the world's languages. NOTE: Course offering may be cancelled unless a minimum of 20 students enrol.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Generative Syntax	Introduction to generative grammar; main focus will be on theories of Noam Chomsky & their application to English. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		

Study on an Australian Aboriginal Language	Not offered in 2013 This course examines one Australian Aboriginal language in some detail, comparing it with other Australian languages and with English. Topics include the phonology and grammar, the way meaning is encoded, socio-linguistic variation and linguistic behaviour, language change, working with language speakers and historical documents. Both spoken and written language sources are studied. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Mind and Language: Cognitive Strategies for Meaning Analysis	This course guides students through the analysis of real-world issues of meaning communication. Students will learn concepts and methods from Cognitive Linguistics that model how meanings are made, how they combine, and how they become attached to particular words and phrases. These methods will allow students to undertake a series of research projects exploring everyday issues of meaning.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Advanced Linguistics Research	In this course, students will utilise the skills and methods they have learned throughout their linguistics major in exploring a family or geographical group of languages. The specific languages studied will vary from year to year, but may include groupings such as Australian languages, Romance languages, Afroasiatic languages, or Amerindian languages. Students will explore the social and historical context in which the languages were and are spoken, basic descriptive overview of phonological, morphological, semantic, and syntactic systems, typological classification, and examine current issues in the linguistic analysis of these languages. In addition to the class discussions which will look at the languages as a group, each student will work in depth on a single language from the group, making use of published and other available resources on the language.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		

Special Research Topics in Linguistics	There is no prescribed syllabus or formal teaching in this course. In consultation with coordinator, students choose topic or topics to be studied under direction of a supervisor. Enrolment in this course is dependent on the availability and willingness of a supervisor to supervise the student and their chosen topic.	Undergraduate	Semester 1, 2018	Languages & Cultures School	2		
Advanced Research Topic A		Undergraduate	Semester 1, 2018	Languages & Cultures School	2		
Advanced Research Topic B		Undergraduate	Semester 1, 2018	Languages & Cultures School	2		
Honours Research Thesis	Study of research methods in linguistics and a supervised research essay exploring a significant issue in the area of Linguistics. Students commencing in sem 1 enrol in LING6090; students commencing in sem 2 enrol in LING6091.	Undergraduate	Semester 2, 2018	Languages & Cultures School	2		
Honours Research Thesis	Study of research methods in linguistics and a supervised research essay exploring a significant issue in the area of Linguistics. Students commencing in sem 1 enrol in LING6090; students commencing in sem 2 enrol in LING6091.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Honours Research Thesis	This course may be taken as part of the Linguistics Honours program.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Environmental Performance of Materials	Corrosion fundamentals, design against corrosion, corrosion protection principles & practice, corrosion in common environments, corrosion resistant alloys, corrosion mechanisms, environment assisted fracture and fatigue.	Postgraduate Coursework	Semester 1, 2018	Mech & Mine Engineering School	1		
Advanced Manufacturing	Current global problems are requiring increasingly sophisticated materials and appropriate advanced methods for their manufacture. This course will look at design for manufacture, manufacturing techniques and manufacturing systems that are used to deliver materials, products and devices from the laboratory to commercial production. Several key manufacturing techniques, such as additive manufacturing, will be covered in the light of how manufacturing affects the end performance of the product, the economics of production and the impact on society and the environment. Projects in specific areas of manufacturing will be completed by students to give greater insight into the manufacturing cycle.	Postgraduate Coursework	Semester 1, 2018	Mech & Mine Engineering School	1		

Japanese Popular Culture	Study of post-war Japanese popular cultural genres & their antecedents. Focus on impact of manga and anime, film and media, theatre and music, fashion, sport etc. on Japanese identity. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Books the Nazis Burned: German Literature & Society 1914-1945	Literary works burned at the notorious Nazi demonstrations of May 1933 are used as starting points for a historical study of German society from 1914 to the Third Reich. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Imagining Latin America in the 20th Century	Throughout the 20th century Latin America has experienced a symbiosis between its cultural production and its social and political realities. This course aims to deepen students' knowledge of Latin American cultural production with a particular emphasis on the 20th century, for example: "costumbrismo", muralism, indigenism, "modernismo". The course will look at major social and political movements and examine how these have interacted to fashion Latin America's cultural debates and production. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Korean Popular Culture: Korean wave	This course explores the portrayal of Korean popular culture by engaging in the social and cultural presentations from the Korean War to the present day. This course will help students to understand the current Korean popular culture [Hallyu: Korean wave] that is spreading across the globe. Korean popular music, drama, variety shows and films will also be discussed. This will also help students to grasp Korean youth culture and Korean identity and the values and images depicted in modern Korea. NOTE: Course offering may be cancelled unless a minimum of 20 students enrol.	Undergraduate	Semester 1, 2018	Languages & Cultures School	2		

Francophone Cultures	This course aims to equip students with an overview of some of the major historical, cultural, social, literary and philosophical movements of the Francophone world. In using examples from a variety of cultural texts, students will gain a sense of the way in which different kinds of societies emerge out of distinct historical processes. Students will learn to adopt critical strategies to analyse texts in a directed manner by examining how Francophone identities are mediated through cultural production. Note: Course offering may be cancelled unless a minimum of 20 students enrol.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Cultures of Latin America	This course is an introduction to the several factors that shape the diverse cultures of Latin America, including the native peoples of the continent, the impact of European conquistadors and colonizers, the ideals of independence, and the contemporary continental order under the strong influence of the US. The course is organised around four modules: The Indigenous Pre-Hispanic World, Hispanic Heritage, Latin America in the 20th Century, and Brazil. Students should expect to get an overview of Latin American cultures throughout history, to gain a sound understanding of the ways in which Latin American peoples have represented themselves under different external influences, and to acquire a conceptual foundation for further study in the area of Latin American Studies. Students choose their essay topics from a list of topics related to each of the four modules in the course.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Magical Realism and Beyond: Contemporary Latin America	This course is an introduction to contemporary Latin American literature. Its aim is to familiarize students with the cannon of Latin American fiction and non-fiction. The course will focus on the works of major novelists, poets and essayists that this part of the world has produced. The course will be delivered in English using texts in English translation.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		

Modern Japanese Literature & Society	This course deals with the manner in which modern Japanese literature reflects issues of concern in Japanese society, among them family life, the ageing population, war, identity, gender and sexuality. Critical reading, against the grain of the translated text and "unlearning" of the unconsciously acquired preconceptions will be encouraged. The course aims to give an added dimension to the students' understanding of Japan through the study of the relationship of literature to society. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Russia Now and Then	A survey of Russian culture and society through an examination of the continuities (eg. geography, history, religion, political institutions and ideologies, contact with the outside world) underlying the apparent contrasts between Russia past and present and the analysis of significant cultural tests in context. Requires no knowledge of the Russian language. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Translating & Interpreting Studies	Introduction to non-language specific techniques of translating and interpreting as well as theoretical and ethical issues of professional practices.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Japanese Studies Individual Project	Individual research project in an area of Japanese Studies, chosen by students in consultation with their supervisors. The project topic can be from areas such as language, literature, culture, society, history, education, gender studies and politics.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
General Research Methods	The fundamental aspects of a thesis/dissertation including the nature and types of research, research quality and planning, honesty and ethics in research, developing a research problem and literature review, preparing a research proposal, and beginning to understand the nature and use of argument in research. The students will also be introduced to research being completed by academic staff in the areas of applied linguistics, cultural studies, and languages here in the School of Languages and Comparative Cultural Studies.	Undergraduate	Semester 1, 2018	Languages & Cultures School	2		

Calculus & Linear Algebra II	Second order differential equations; undetermined coefficients, variation of parameters. Multi-dimensional calculus; surface & volume integrals, cylindrical, spherical and general coordinate transformations. Stoke's & Green's theorems, applications (flux, heat equations). Linear algebra, diagonalization, quadratic forms, elementary numerical linear algebra. Taylor series, maxima, minima and saddle points in N-dimensions. Method of least squares for functions. Vector spaces, norms and inner products (for square-integrable functions). Gram-Schmidt orthogonalisation and orthogonal matrices.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		
Project or Thesis	Research project/thesis report on topic in research field as recommended by supervisor and approved by Head of School. Students commencing in sem 1 enrol in MATH7010 for sem 1 and sem 2; students commencing in sem 2 enrol in MATH7011 for sem 2 and the following sem 1.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		
Basic Mathematics	This course covers fundamental mathematical concepts, useful to students in a wide range of discipline areas, including agriculture, arts, business, education, health sciences, science, social sciences, applied science and engineering. It is the UQ equivalent course to Queensland Secondary School Mathematics B. Topics include: review of numbers, estimating, algebraic manipulations, straight lines and their graphs, simultaneous equations, functions, quadratics, logarithmic and exponential functions, non-linear functions, trigonometric functions, differentiation and its applications, and integration and its applications.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	2		
Mathematical Foundations	Core content of Senior Mathematics C syllabus. Provides introduction to sequences & series, linear algebra, calculus, complex numbers & mathematical induction.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	2		

Calculus & Linear Algebra I	(MATH1051 can be studied concurrently with MATH1052) Vectors, linear independence, scalar product. Matrices, simultaneous equations, determinants, vector product, eigenvalues, eigenvectors, applications. Equation of straight line & plane. Extreme value theorem, maxima & minima. Sequences, series, Taylor series, L'Hopital's rules. Techniques of integration, numerical methods, volumes of revolution.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	3		
Multivariate Calculus & Ordinary Differential Equations	(MATH1052 can be studied concurrently with MATH1051) Vector calculus, arclength, line integrals, applications. Calculus of 2 & 3 variables: partial derivatives, conservative fields, Taylor series, maxima & minima, non-linear equations. 1st order & linear 2nd order differential equations (constant coefficients). Applications (dynamical systems etc), numerical methods.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	3		
Discrete Mathematics	Propositional & predicate logic, valid arguments, methods of proof. Elementary set theory. Elementary graph theory. Relations & functions. Induction & recursive definitions. Counting methods (pigeonhole, inclusion/exclusion). Introductory probability. Binary operations, groups, fields. Applications of finite fields. Elementary number theory.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	2		
Advanced Calculus & Linear Algebra I	1. Elementary linear algebra: Vectors, linear independence, scalar product. Matrices, simultaneous equations, determinants, Gaussian elimination, eigenvalues, eigenvectors, applications. Equation of straight line & plane. 2. Introduction to proof-based calculus: Fields, sequences, limits, continuity, intermediate and extreme value theorems, maxima & minima. 3. Techniques of calculus: Series, differentiation, integration, numerical methods, Taylor series, L'Hopital's rule. This course differs from MATH1051 by treating material in more depth and with greater rigour.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		

Advanced Multivariate Calculus & Ordinary Differential Equations	Vector calculus, arc-length, line integrals, applications. Calculus of 2 & 3 variables: partial derivatives, conservative fields, maxima & minima. 1st order & linear 2nd order differential equations (constant coefficients). Applications (dynamical systems etc), numerical methods for non-linear equations and differential equations. Introduction to mathematical modelling and programming. (MATH1072 can be studied concurrently with MATH1051)	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Calculus & Linear Algebra II	Please note that the contact hours for summer semester is 5L2T. Matrices, solution to linear systems, vector & matrix norms. Numerical algorithms for eigensystems, optimisation. First & linear second order differential equations, variation of parameters, applications, numerical methods. Surface & volume integrals, Stoke's & Green's Theorems, applications (flux, heat equations).	Undergraduate	Semester 1, 2018	Mathematics & Physics School	3		
Advanced Calculus and Linear Algebra II	Second order differential equations; undetermined coefficients, variation of parameters. Multi-dimensional calculus; surface & volume integrals, cylindrical, spherical and general coordinate transformations. Stoke's & Green's theorems, applications (flux, heat equations). Linear algebra, diagonalization, quadratic forms, elementary numerical linear algebra. Taylor series, maxima, minima and saddle points in N-dimensions. Method of least squares for functions. Vector spaces, norms and inner products (for square-integrable functions). Gram-Schmidt orthogonalisation and orthogonal matrices.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	3		
Analysis of Ordinary Differential Equations	ODE's - Systems: variation of constants, fundamental matrix. Laplace transform, transform for systems, transfer function. Stability, asymptotic stability; phase plane analysis.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	2		
Analysis of Partial Differential Equations	PDE's - Fourier series. Wave, heat, Laplace's equations. Simple maximum and uniqueness principles. Separation of variables in rectangular and polar coordinates.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		

Applied Mathematical Analysis	ODE's - Systems: variation of constants, fundamental matrix. Laplace transform, transform for systems, transfer function. Stability, asymptotic stability; phase-lane analysis. PDE's - Fourier series. Wave, heat, Laplace's equations. Simple maximum & uniqueness principles. Separation of variables in rectangular & polar coordinates.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Linear & Abstract Algebra & Number Theory	This course provides an introduction to the basics of linear and abstract algebra (including groups, rings & fields) & elementary number theory. Applications are included, enabling students to apply this knowledge in various fields.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Discrete Mathematics II	This course builds on an introductory discrete mathematics course to further develop students? understanding of topics including enumeration, geometric topology, graph theory, design theory and other combinatorial ideas.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Mathematical Analysis	(Note: MATH1052 may be taken concurrently with MATH2400 by students who only took MATH1050 & MATH1051 in 1st year.) Bounded & monotone sequences. Sequences & series of real functions. Intermediate & mean value theorems, iterative procedures. Taylor's Theorem & error estimates. Criteria for integrability. Vector functions, continuity & differentials. Implicit & Inverse Function Theorems & applications.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Mathematical Analysis and Advanced Topics	Sequences & series of real functions. Mean value theorem, iterative procedures. Taylor's Theorem & error estimates. Criteria for integrability. Vector functions, continuity & differentials. Implicit & Inverse Function Theorems & applications. Selected advanced topics in modern mathematics from: Theory and applications of fixed points, introduction to geometry and topology.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Financial Mathematics	Introduction to financial mathematics and its applications. Mathematical models of annuities, equity and fixed-income products, futures and forward contracts, the term structure of interest rates and investment returns.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		

Bifurcation and Chaos	Modelling with nonlinear systems of ODE's. Stability and bifurcation theory including the Hopf bifurcation and limit cycles. Homoclinic & heteroclinic orbits and Mel'nikov theory. Stability, bifurcation theory and chaos in I-dimensional Maps. Period doubling. Feigenbaum's approach to chaos. Properties of chaos. The Lorenz Equations	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Methods & Models of Applied Mathematics	Elements of vector analysis. Sturm-Liouville theory. Fourier transform & Green's functions. Generalised functions. Modelling with scalar & vector fields: perfect fluid flow & potential theory; convection-diffusion equations & spread of pollutants; elastic continua and vibrations.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Algebraic Methods of Mathematical Physics	Algebraic structures & their representations of importance to current mathematical physics research: Lie algebras & superalgebras; quantum groups & algebras; Hopf & quasi-Hopf algebras; affine & Kac-Moody algebras. Illustrative applications to knot theory.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Mathematical Biology	Mathematical modelling of biological systems, with a particular focus on neuroscience and cell biology.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Scientific Computing: Advanced Techniques and Applications	Many modern applications of mathematics are carried out on personal computers or super-computers. This course will introduce students to the theory and advanced applications of scientific computing using Matlab. The first section of the course will focus on numerical integration, solution of ordinary differential equations, solving large systems of equations and optimization. In the second half, finite-difference and finite-element methods will be introduced for boundary value problems and partial differential equations.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Operations Research & Mathematical Planning	Techniques and applications of optimisation in operations research, including linear programming, integer programming, dynamic programming and meta-heuristics. Use of Python and the Gurobi optimisation package for linear and integer programming.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		

Graph Theory and Design Theory	Various topics in Graph Theory including a selection from graph algorithms, connectivity, networks, planarity, graph colouring, graph symmetries. An introduction to Design Theory including a selection of topics from Latin squares, Steiner triple systems, balanced incomplete block designs, graph decompositions, projective and affine designs.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Coding & Cryptography	Cryptographic methods for encryption, decryption & authentication. AES, RSA. Error correction & detection. Hamming, BCH, Reed-Solomon & cyclic codes. Applications: CD players, EFTPOS, etc.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Abstract Algebra & Number Theory	MATH3303 covers key topics in group theory and ring theory, with a view towards commutative algebra, algebraic number theory and representation theory.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Set Theory & Mathematical Logic	The course will introduce students to aspects of set theory, model theory, formal logic and computability. Topics will include propositional and predicate calculus, the Zermelo-Fraenkel Axioms, ordinals and cardinals, recursive functions, Turing machines, and Godel?s incompleteness theorems.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Complex Analysis	Analytical functions. Cauchy-Riemann equations. Complex mappings. Cauchy's integral formulas. Morera's, Liouville's & Rouche's theorems. Taylor & Laurent series. Analytic continuation, residues & applications to integration. Boundary-value problems.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Functional Analysis	Metric spaces: elements of topology; compactness; completeness; contraction mapping principle; theorems on continuity & compactness. Normed, Banach & Hilbert spaces: strong & weak convergence; orthogonal systems; orthogonal complements; projection theorem, linear functionals, Riesz representation theorem. General topological spaces.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Partial Differential Equations	Review of separation of variables; classification of second equations; maximum principles for elliptic & parabolic equations. Green's functions & Neumann problem for Laplace & heat equations. Cauchy problem for heat & wave equations; non-linear boundary value problems: successive approximation; contraction principle.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		

Optimisation Theory	Calculus of variations: critical points; Euler equations; transversality; corner conditions; Hamilton equations; Jacobi equations; Legendre sufficient condition; Weierstrass E-function. Control theory: Lagrange, Mayer & Bolza problems; Pontryagin maximal principle, legendre transformations, augmented Hamiltonians, transversality, bang-bang control, linear systems.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Differential Geometry	Curves: Parameterised curves, regular curves, arc length. Local theory, Frenet frame. Global properties of plane curves. Regular surfaces: Change of parameterisation, differential functions on surfaces. The tangent plane, the differential of a map. First fundamental form, area functional. Geometry of the Gauss map: fundamental properties, local coordinates. Vector fields. Minimal surfaces and other applications. Intrinsic and extrinsic geometry of surfaces: isometries, conformal maps. Selected topics from: Theorema egregium. Parallel transport, geodesics. Gauss-Bonnet Theorem and applications. Exponential map. Geodesic polar coordinates.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Computation in Financial Mathematics	Introduction to computational methods in finance & applications. Topics from binomial trees, numerical solution of stochastic differential equations, and numerical solution of Black-Scholes like partial differential equations.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Financial Calculus	Topics from financial calculus including financial derivatives & arbitrage, asset prices, price dynamics, continuous-time hedging, Brownian motion, Martingales, stochastic integration, solving stochastic differential equations & stochastic control.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
General Relativity	Manifolds, tensors, connections & covariant differentiation, parallel transport, goedesics & curvature, differential forms. Foundations of general relativity. Applications to astronomy & cosmology.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		

Advanced Mathematical Methods & Models A	(Offered in semester 2 in even years only)Advanced techniques of modern applied mathematics & mathematical physics. Selected topics from: asymptotic methods; analytic and algebraic methods in modern statistical mechanics; perturbation theory; operator techniques in Hilbert space, with applications to quantum mechanics and modern field theory; symmetry groups and applications.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Applications of Scientific Computing	This course discusses advanced concepts in scientific computing. Topics include high performance systems, performance evaluation, numerical modelling, with an emphasis on advanced numerical techniques and applications from mainly science and engineering. Students will expand on a topic of their choice by completing an individual project. This course is suitable for students in computer science, applied mathematics, science, engineering. (Offered in odd years only)	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Advanced Topics in Operations Research	This course will work with recent papers from the literature to build on and extend the tools and concepts introduced in MATH3202. Topics will be drawn from large scale linear and integer programming, advanced dynamic programming techniques and stochastic optimisation methods.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Advanced Combinatorics	(offered in even years only). Various advanced topics in combinatorics, design theory and graph theory.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Number Theory	(offered in even years only) Introduction to algebraic & analytic number theory & elliptic curves.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Ordinary Differential Equations III/IVH	(offered in even years only) Background analysis. Gronwall's inequality. Initial value problems for systems: existence & extendability of solutions. Periodic solutions: first integrals, Morse theorem, attractors; Brouwer's fixed point theorem & degree theory; Floquet's theorem. Perturbation theory: Poincare-Lindstdt method for periodic solutions.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		

Measure Theory	(offered in even-numbered years only) Lebesgue integral & measure. Monotone convergence theorem, Fatou's Lemma & Lebesgue dominated convergence theorem. Modes of convergence. Bounded variation. Absolute continuity. Signed measures. Generation of measures. Radon-Nikodym & Riesz representation theorems.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Control Theory III/IVH	(offered in even-numbered years only). Topics from: state space control; linear systems; calculus of variations & Pontryagin principle; optimal control, quadratic optimisation, Riccati equations; stability; LQG, Kalman filtering; frequency domain theory; Matrix transfer functions, realisations; coprime factorisation; robust control.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Special Topics A	Description: Advanced mathematics topics, not covered in other courses, and available only under special circumstances (for example, course to be given by a visiting lecturer in a specialty area that is not usually available). Endorsement of Head, Mathematics required for enrolment.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Special Topics A	Description: Advanced mathematics topics, not covered in other courses, and available only under special circumstances (for example, course to be given by a visiting lecturer in a specialty area that is not usually available). Endorsement of Head, Mathematics required for enrolment.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Special Topics B	Description: Advanced mathematics topics, not covered in other courses, and available only under special circumstances (for example, course to be given by a visiting lecturer in a specialty area that is not usually available). Endorsement of Head, Mathematics required for enrolment.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Mathematics Honours Research Project	Supervised project on research topic in mathematics, approved by Head, Mathematics. Student selects supervisor and project topic from advertised list, in negotiation with academic staff. Thesis to be written, and oral presentation to be given, on the research topic. Students commencing year project in sem 1 enrol in MATH6010 for sem 1 and sem 2; students commencing year project in sem 2 enrol in MATH6020 for sem 2 and the following sem 1; students completing project within one semester enrol in MATH6030 in Semester 1 or 2.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	2		

Mathematics Honours Research Project	Supervised project on research topic in mathematics, approved by Head, Mathematics. Student selects supervisor and project topic from advertised list, in negotiation with academic staff. Thesis to be written, and oral presentation to be given, on the research topic. Students commencing year project in sem 1 enrol in MATH6010 for sem 1 and sem 2; students commencing year project in sem 2 enrol in MATH6020 for sem 2 and the following sem 1; students completing project within one semester enrol in MATH6030 in Semester 1 or 2.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	2		
Project or Thesis	Research project/thesis report on topic in research field as recommended by supervisor and approved by Head of School. Students commencing in sem 1 enrol in MATH7010 for sem 1 and sem 2; students commencing in sem 2 enrol in MATH7011 for sem 2 and the following sem 1.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Minor Project A	Research project report on topic in research field as recommended by supervisor and approved by Head of School.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		
Minor Project B	Research project report on topic in research field as recommended by supervisor and approved by Head of School.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	2		
Mini Project A	Research project report on topic in research field as recommended by supervisor and approved by Head of School.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Mini Project B	Research project report on topic in research field as recommended by supervisor and approved by Head of School.	Postgraduate Coursework	Summer Semester, 2	Mathematics & Physics School	1		
Financial Mathematics	Introduction to financial mathematics and its applications. Mathematical models of annuities, equity and fixed-income products, futures and forward contracts, the term structure of interest rates and investment returns.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		

Basic Mathematics	This course covers fundamental mathematical concepts, useful to students in a wide range of discipline areas, including agriculture, arts, business, education, health sciences, science, social sciences, applied science and engineering. It is the UQ equivalent course to Queensland Secondary School Mathematics B. Topics include: review of numbers, estimating, algebraic manipulations, straight lines and their graphs, simultaneous equations, functions, quadratics, logarithmic and exponential functions, non-linear functions, trigonometric functions, differentiation and its applications, and integration and its applications.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		
Computation in Financial Mathematics	Introduction to computational methods in finance & applications. Topics from binomial trees, numerical solution of stochastic differential equations, and numerical solution of Black-Scholes like partial differential equations.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Mathematical Foundations	Core content of Senior Mathematics C syllabus. Provides introduction to sequences & series, linear algebra (matrices, vectors), calculus (differentiation, integration), complex numbers & mathematical induction.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Calculus & Linear Algebra I	Vectors, linear independence, scalar product. Matrices, simultaneous equations, determinants, vector product, eigenvalues, eigenvectors, applications. Equation of straight line & plane. Extreme value theorem, maxima & minima. Sequences, series, Taylor series, L'Hopital's rules. Techniques of integration, numerical methods, volumes of revolution.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Multivariate Calculus & Ordinary Differential Equations	Vector calculus, arclength, line integrals, applications. Calculus of 2 & 3 variables: partial derivatives, conservative fields, Taylor series, maxima & minima, non-linear equations. 1st order & linear 2nd order differential equations (constant coefficients). Applications (dynamical systems etc), numerical methods.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Financial Calculus	Topics from financial calculus including financial derivatives & arbitrage, asset prices, price dynamics, continuous-time hedging, Brownian motion, Martingales, stochastic integration, solving stochastic differential equations & stochastic control.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		

Applied Mathematical Analysis	ODE's - Systems: variation of constants, fundamental matrix. Laplace transform, transform for systems, transfer function. Stability, asymptotic stability; phase-lane analysis. PDE's - Fourier series. Wave, heat, Laplace's equations. Simple maximum & uniqueness principles. Separation of variables in rectangular & polar coordinates.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
General Relativity	Manifolds, tensors, connections & covariant differentiation, parallel transport, goedesics & curvature, differential forms. Foundations of general relativity. Applications to astronomy & cosmology.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Algebraic Methods of Mathematical Physics	Algebraic structures & their representations of importance to current mathematical physics research: Lie algebras & superalgebras; quantum groups & algebras; Hopf & quasi-Hopf algebras; affine & Kac-Moody algebras. Illustrative applications to knot theory & physics.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Mathematical Biology	Mathematical modelling of biological systems, with a particular focus on neuroscience.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Applications of Scientific Computing	(offered in semester 2 in odd years only) Topics in the application of scientific computation. For details of availability, contact head of department.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Advanced Topics in Operations Research	This course will work with recent papers from the literature to build on and extend the tools and concepts introduced in MATH7232. Topics will be drawn from large scale linear and integer programming, advanced dynamic programming techniques and stochastic optimisation methods.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Operations Research & Mathematical Planning	Techniques and applications of optimisation in operations research, including linear programming, integer programming, dynamic programming and meta-heuristics. Use of Python and the Gurobi optimisation package for linear and integer programming.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Advanced Combinatorics	(offered in even years only) Topics from computational combinatorics & algorithms, cryptography, advanced graph theory.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		

Graph Theory and Design Theory	Various topics in Graph Theory including a selection from graph algorithms, connectivity, networks, planarity, graph colouring, graph symmetries. An introduction to Design Theory including a selection of topics from Latin squares, Steiner triple systems, balanced incomplete block designs, graph decompositions, projective and affine designs.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Abstract Algebra & Number Theory	MATH7333 covers key topics in group theory and ring theory, with a view towards commutative algebra, algebraic number theory and representation theory.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Advanced Ordinary Differential Equations	(offered in even years only) Background analysis. Gronwall's inequality. Initial value problems for systems: existence & extendability of solutions. Periodic solutions: first integrals, Morse theorem, attractors; Brouwer's fixed point theorem & degree theory; Floquet's theorem. Perturbation theory: Poincare-Lindstedt method for periodic solutions.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Measure Theory	(offered in even-numbered years only) Lebesgue integral & measure. Monotone convergence theorem, Fatou's Lemma & Lebesgue dominated convergence theorem. Modes of convergence. Bounded variation. Absolute continuity. Signed measures. Generation of measures. Radon-Nikodym & Riesz representation theorems.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Control Theory	(offered in even-numbered years only) Topics from: state space control; linear systems; calculus of variations & Pontryagin principle; optimal control, quadratic optimisation, Riccati equations; stability; LQG, Kalman filtering; frequency domain theory; Matrix transfer functions, realisations; coprime factorisation; robust control & H theory.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		

Mathematics for Data Science 1	This course will provide students with the mathematical foundations needed for analytical and statistical data science. The course will introduce logic, proofs and the elementary properties of graphs which are used for modelling networks. Limits, sequences and series which form the basis of calculus are introduced. Derivatives, maxima/minima, integration and Taylor series. Extension to multi-dimensional problems. Partial derivatives, maxima and minima. Data fitting using least squares. Numerical integration and solution of non-linear equations. Linear Algebra. Vectors, linear independence, scalar product. Matrices, simultaneous equations, determinants, vector product, eigenvalues, eigenvectors, applications. Use of mathematical software for linear algebra applications.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Mathematics for Data Science 2	This course will provide students with the mathematical foundations important for advanced statistics methods, data modelling and analysing large data sets. Ordinary differential equations, multi-dimensional integration and change of variables. Orthogonal matrices, eigenvalues, eigenvectors, diagonalization, method of least squares, singular value decomposition. Multivariate Gaussian & related techniques including principal component analysis. Taylor series, maxima, minima and saddle points in N-dimensions. Lagrange multipliers for constrained optimization. Examples from statistical methods will be used to illustrate application of the methods. Computational software will be used throughout this course.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Special Topics I	Advanced topics in mathematics.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Special Topics II	Advanced topics in mathematics.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Special Topics III	Advanced topics in mathematics.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		

Discrete Mathematics	Propositional & predicate logic, valid arguments. Elementary set theory. Elementary graph theory. Relations & functions, categories. Induction & recursive definitions. Counting methods (pigeonhole, inclusion/exclusion). Introductory probability. Binary operations, semi-groups, groups, fields. Applications of finite fields. Elementary number theory.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		
Health, Society & Research 1	This course is the first in a sequence of four courses, which develop core concepts in public health, health systems and research, as required for evidence-based clinical practice.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		
Health, Society & Research 2	This course is the second in a sequence of four courses, which develop core concepts in public health, health systems and research, as required for evidence-based clinical practice.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	2		
Machine Element Design	Mechanical design principles. Design, manufacture & assembly of basic machine elements. Machine frames, welded, adhesive & bolted joints, fasteners. Stepped shafts & features, rolling element bearings; gear mechanics & manufacture. Design for strength, design for other mechanical failure modes including fatigue, stress concentration. Safety, ergonomics & standards.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		
Intermediate Mechanical & Space Dynamics	Machinery dynamics; energy methods; Lagrange's equations; vibration of single degrees of freedom systems; vibration isolation; balancing of rotating & reciprocating masses. Orbital mechanics & 3D rigid body dynamics with mechanical and space applications.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		
Structures & Materials	Transformation of stress & strain. Mohr's circle, linear elasticity, mechanics of simple structures. Phase diagrams, TTT & heat treatment of steels, composites, concrete, wood. Corrosion & degradation of materials.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		

Introduction to Engineering Design and Manufacturing	In this course students will be introduced to the strong interactions between manufacturing and engineering design processes. The course builds on the engineering problem solving activities of ENGG1200 and continues to explore the roles of computational modelling in design and materials behaviour in manufacturing. Students will learn that the design process involves the creation and prescription of the shape and characteristics of a product or machine within manufacturing and material performance constraints. Common and emerging manufacturing processes will be introduced. Professional engineers working in both engineering design and manufacturing will deliver guest lectures into the course in order to locate key concepts within real world contexts. Students will engage in a number of Computer Aided Design and Manufacturing exercises including CNC machining of components. Students will also be introduced to the role of process simulation and modelling in manufacturing. The primary technical learning outcomes will be addressed through a combination of learning strategies including online resources, traditional lectures, and active learning CAD exercises.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		
Science & Engineering of Metals	Phase diagrams, phase transformations, dislocations, strengthening mechanisms, metallography, corrosion, recycling, future directions	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		
Fundamentals of Fluid Mechanics	Conservation laws, continuity, momentum & energy balances. Fluids statics, Bernoulli equation, pipe flow. Experimental techniques, viscosity, applications.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		
Engineering Analysis I	Modelling & analysis in mechanical engineering. Computer-assisted problem solving: calculation, simulation & numerical methods.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		
Mechanical Systems Design	Design of a powered machine using principles of systems engineering. Synthesis of machine frame, power transmission & controls. Risk & safety assessment. Model-based design using CAD. Basic design for manufacture & cost estimation.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		

Advanced Dynamics & Vibrations	Discrete systems: multidegree of freedom systems & applications; vibration isolation and absorption. Continuous systems: free and forced vibration, modal analysis, approximate techniques, finite element method. Advanced topics: vibration measurement techniques, nonlinear phenomena, demonstration project.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		
Engineering Acoustics	Plane sound waves; physical aspects of sound; the human ear; physiological aspects of sound; sound level meters; statistical noise measures; occupational noise; road-traffic noise; directivity of sound; reflection & transmission of sound; sound in enclosed spaces; engineering acoustics applications.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		
Finite Element Method & Fracture Mechanics	Finite element method: strain energy, Castigliano's theorem, interpolation functions, element types, 2-D analysis types, plate & shell models; introduction to nonlinear finite element models. Fracture mechanics: linear-elastic fracture mechanics, Griffith's energy balance, stress intensity estimation, fatigue, elastic-plastic fracture mechanics, J-integral.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		
Materials Selection	Principles & practice of materials selection in mechanical design. Influence of shape on selection. Economic aspects. Use of data sources. Material indices. Generation & use of material selection charts. Selection of fabrication method. Concurrent and compound objectives. Selection of materials for a practical application (project).	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		
Thermodynamics & Heat Transfer	2nd law, entropy & availability. Power & refrigeration cycles. Mixtures, psychrometry, chemical reactions & combustion. Conduction, convection, radiation, multi-mode heat transfer applications.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		
Fluid Mechanics	Fundamental descriptions of flow; viscous internal & external flows; turbomachinery; fundamentals of compressible flow; compressible pipe flows; flow measurement.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		

Engineering Management & Communication	Project management in the context of engineering research & design projects. Research approaches & information skills. Project scope; risk, resource & time management, estimation & cost management; communication, leadership, procurement, human resource management. Web-based project management tools. Systems engineering approach to mechanical design.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		
Engineering Analysis II	Approximation of data, least squares, solving non-linear equations, numerical integration, Fast Fourier Transforms, spectral analysis, Runge-Kutta methods for ODE, finite difference methods for PDEs. Finite volume methods.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Net Shape Manufacturing	Net-shape manufacturing of metals & ceramics processes: casting from liquid state & consolidation of components from powders pressed into almost finished complex shapes. Understanding of the principles of solidification & powder processing & principles used in the manufacture of components.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		
Computational Fluid Dynamics	Computational Fluid Dynamics (CFD) for engineering applications. Development of computational techniques for analysis of complex engineering processes by bringing together the knowledge gained in one or more of the following disciplines: fluid mechanics, thermodynamics, heat/mass transfer & numerical methods.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		
Engineering Thesis	Thesis project on an approved topic that integrates engineering skills acquired through the engineering program Detailed description available from the Mechanical Engineering office. Students commencing course in sem 1 enrol in MECH4500 for sem 1 and sem 2; students commencing in sem 2 enrol in MECH4501 for sem 2 and the following sem 1.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	2		
Engineering Thesis	Thesis project on an approved topic that integrates engineering skills acquired through the engineering program Detailed description available from the Mechanical Engineering office. Students commencing course in sem 1 enrol in MECH4500 for sem 1 and sem 2; students commencing in sem 2 enrol in MECH4501 for sem 2 and the following sem 1.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	2		

Major Design Project	Group design project based on a multidisciplinary topic sponsored by active players in industry (research, academic & commercial organisations). Requires completion of detailed design calculations to the sponsor's specifications.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	2		
Advanced Manufacturing in Practice	(Course is offered on an occasional basis.) Topics & content to be determined by student interest & availability of visiting staff. For details, consult course coordinator. For information about how to enrol in this course, please email studentenquiries@mechmining.uq.edu.au.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		
Surgery	The year 3 Surgery course is devoted to general surgery (breast / endocrine, upper gastrointestinal, hepato-pancreatobiliary, colorectal, trauma and acute surgery) and some subspecialties including burns and plastics, urology, vascular, neurosurgery, cardiothoracic surgery and ear/nose/throat surgery. The aim of this course is to familiarise students with common, serious and life threatening surgical diseases and for the student to develop an understanding of how they present clinically; how to systematically evaluate these conditions; how they are investigated; principles of management; how to assess priorities for treatment; and when and how to initiate referral. The term is not intended to train students as technical surgeons but to develop students that are 'intern ready' who can function as part of a surgical team. During the work-integrated learning component of this course, students will be allocated to surgical units to participate in the daily activities of those units, and to participate in all that happens during their patients' episode of care. In addition, students should attend outpatients, ward rounds, operating theatre, and other unit meetings. A tutorial program is conducted at each individual clinical teaching unit.	Undergraduate	Semester 2, 2018	Medicine Faculty	3		

Mental Health	The Mental Health Rotation will be conducted in mainstream mental health services, such as community, public and private hospitals or fully integrated services. The clinical attachment sites provide a variety of experiences and access to the private sector and community-outreach services occurs in some sites. Learning in the clinical setting is central to the rotation, additional learning being through Clinical Case Review Discussions (similar to PBLs) and interactive workshops.	Undergraduate	Semester 1, 2018	Medicine Faculty	1		
General Practice	The General Practice course includes a placement component which is community-based and involves the use of general practices in the geographical region in which each student is based. It offers students the opportunity to see and participate in the delivery of health care to patients with a large range of biopsychosocial problems. Through exploring the community context of health and illness students will learn about people's experiences and everyday management of health and health problems, as well as some of the ways in which different community groups and organisations contribute to maintaining and promoting health in the community. Students are encouraged to be enthusiastic and inquisitive, to become familiar with the everyday procedures involved in the workings of the general practice, and to function as a member of the health care team. Additionally, students are expected to use evidence based medicine skills to answer clinical questions as they arise, thus providing a benefit to the GP preceptors, as well as to their own learning. They are requested to work up illustrative cases to contribute at weekly small group, case based tutorials.	Undergraduate	Semester 2, 2018	Medicine Faculty	2		

Medicine	The purpose of the Year 3 Medicine rotation is to provide an introduction to clinical medicine and therapeutics. The rotation is based upon placements in (mainly) general medicine units located in each Clinical School as a framework for clinical learning in medicine, coupled with clinical discussion sessions for each of the eight weeks of the rotation. The clinical discussion sessions will be co-ordinated by a consultant physician. In some cases a sub-specialist with a clinical interest in the topic of the week will be involved. The plan is for Year 3 students to continue to use their self-directed learning techniques and knowledge acquired during Years 1 and 2 of the MBBS to focus their learning within a hospital ward environment. Although core teaching time and subjects are uniform, each Clinical School will have some latitude to develop its own independent program.	Undergraduate	Semester 1, 2018	Medicine Faculty	2		
Medicine in Society	The Medicine in Society course provides a unique opportunity for medical students to understand and experience the rewards, benefits and challenges of clinical practice amongst population groups and/or in communities that face access and equity challenges associated with health service delivery. Such challenges can be attributed to contextual factors such as geographical isolation, ethnicity, disability, socioeconomic status and/or life circumstance. Clinical practice within such a contextual framework requires distinctively generalist knowledge, skills and attitudes. Whilst the context might be different, clinical practice is governed by a number of common parameters such as isolation, professional challenges, holistic patient care and team based case management. At the core of each student's learning experience will be a structured clinical placement where students will work closely with a Preceptor who will guide and support students as they provide health care in context.	Undergraduate	Semester 1, 2018	Medicine Faculty	13		

Critical Appraisal Skills for the Medical Professional	This course will build upon the foundation course MEDI1042 and will emphasise how medical students, as future practitioners, can incorporate an evidence-based approach in their clinical practice. The course will focus on developing the skills medical professionals require to make clinical decisions about the relevance, validity and trustworthiness of the published literature. Students will develop the ability to critically review existing evidence about effects of interventions and evidence about diagnosis and prognosis and ultimately make clinical decisions based upon that evidence. Students will be re-introduced to clinical research methods, understand the way these studies are analysed and how evidence is reported in the medical literature. Students will be guided though all stages of the course using formative learning activities. The first summative assignment will focus on the critical appraisal of published clinical evidence. Students will be required to undertake a review of current research using a published critical appraisal checklist. This will be assessed using a MCQ assessment. In the final assessment students will be presented with a number of different questions and/or clinical case studies and be required to assess the information or analyse the data presented. This will be assessed using a MCQ assessment.	Undergraduate	Semester 1, 2018	Medicine Faculty	2		

Obstetrics & Gynaecology	By the end of the Obstetrics and Gynaecology course, students will have developed their knowledge, skills, personal attributes and acquired further clinical skills in women's health. Students are assigned to an Obstetrics and Gynaecology unit in a hospital within a Clinical School for six weeks of work-integrated learning during the course. Students will be an active participant of the medical team involved in the patient's care during this period, and will be expected to discuss problems and management plans using critical reasoning. Students are instructed how to take a patient's history and perform a physical examination. Students will learn about progress in labour and technique of normal delivery. It is expected that students will achieve a solid foundation to critically evaluate issues in women's health and reproductive health care.	Undergraduate	Semester 2, 2018	Medicine Faculty	2		
Paediatrics & Child Health	The course goals include: - preparing the student for work readiness in a paediatric clinical unit; recognition of the sick child; understanding the scope of paediatrics and having sufficient knowledge and experience to progress to post-graduate training in Paediatrics and Child Health. The course includes a six week clinical immersion underpinned by the paediatric online interactive education (POLIE) curriculum, supplemented by a specialist lecture series and other teaching sessions depending on the specific Clinical School attachment.	Undergraduate	Semester 2, 2018	Medicine Faculty	2		

Medical Specialties	Medical Specialties is an 8 week clinical rotation organised by the Discipline of Medicine and will allow students the opportunity for exposure in two Medical Specialty Areas (MSAs) based in a hospital within a Clinical School. In addition, this rotation provides students with experience and learning opportunities in tertiary medical practice and offers intensive attachment to medical practitioners in a medical specialty. Students are expected to obtain an overview of the common and important problems that a Medical Specialties Area (MSA) usually encounters. Students are expected to learn how to utilize the appropriate resources in the diagnosis, management, health maintenance and prevention of these problems. Students should be made aware of the strengths and weaknesses of various service delivery models and specialty services. The use of evidence based medicine in accomplishing these goals is essential. The primary aim of this rotation is to build on the knowledge and experience learnt during the Medicine Rotation in Year 3. It is essential that students use the rotation as an opportunity to improve their skills in history taking, clinical examination and in synthesis of their findings. The setting to facilitate such learning will be different from Year 3, namely subspecialty medicine.	Undergraduate	Semester 1, 2018	Medicine Faculty	2		
Critical Care	The Critical Care course is conducted in the major teaching hospitals in each Clinical School. The CCC aims to teach the student the skills, knowledge and attitudes involved in managing patients with critical illness. The majority of students' time in each of the three disciplines of Anaesthetics, Emergency Medicine and Intensive Care will be as direct one-on-one clinical contact and/or ward rounds in the Intensive Care Unit with some small group tutorial teaching.	Undergraduate	Semester 2, 2018	Medicine Faculty	2		

Surgical Specialties	The primary goal of this Surgery Specialties course is to allow the students to gain exposure to patients with common and serious Orthopaedic & Ophthalmologic Surgical problems; to learn how patients with these conditions present clinically, to develop history taking and physical examination skills in these particular patient populations, to learn the role of investigations for these patients and to develop an understanding of the treatment principles, both operative and non-operative, for patients with these conditions.	Undergraduate	Semester 2, 2018	Medicine Faculty	2		
Scholarship of Research for the Medical Professional	The emphasis of this course will be on how medical students, as future practitioners, can incorporate an evidence-based approach into their clinical practice. The ability to critically appraise the literature on the development and evaluation of clinical treatments, health interventions and the wider policy issues in health care is an essential skill for clinicians. The fundamentals associated with developing an understanding of critical scientific enquiry will be applied in a two-stage assignment. The first stage requires the student to identify a medical dilemma or issue and search the scientific literature relevant to the question or issue. The second stage requires the student to present and argue their evidence-based opinion on the issue or dilemma in 1000 words structured as a commentary for possible peer review in an appropriate scientific journal. Students will develop skills in written communication in research and science because dissemination of information through scholarly work is the cornerstone of the research process. It is increasingly vital for graduates to be able to provide evidence of effective communication (through peer reviewed publications) for future career progression.	Undergraduate	Semester 1, 2018	Medicine Faculty	2		
Clinical Science 1	This course will introduce students to the study of clinically focused biomedical sciences using case-based learning approach that will be supported by a combination of lectures, practical sessions, expert tutorials and symposia. The course will include the following modules: Infection and Immunity, Cardiovascular, Respiratory and Renal.	Postgraduate Coursework	Semester 1, 2018	Biomedical Sciences School	1		

Clinical Science 2	This course will build on the foundation of knowledge established in MEDI7111. Students will continue their system based application of clinically focused medical sciences, using case based learning models supported by a combination of lectures, practical classes, expert tutorials and symposia. The course will include the following modules: Musculoskeletal, Nervous System and Gastrointestinal/Metabolism.	Postgraduate Coursework	Semester 2, 2018	Biomedical Sciences School	1		
Clinical Practice 1	This course is designed to develop and demonstrate knowledge and skills in history-taking, patient examination, communication, clinical reasoning and procedural skills. It consists of four areas: Clinical Coaching, Clinical Communication, Procedural Skills and Professional Behaviour. In Clinical Coaching students are taught the history taking and examination skills integral to medical consultations. Students cover the five major body systems over the year in Clinical Practice 1 & 2. Clinical Communication Skills concentrates on the process of communicating with patients using history taking as the context. A biopsychosocial model underpins the theory that the students learn and then demonstrate. Procedural Skills Workshops provide the opportunity for students to learn and then practise a range of basic procedures. Professional behaviour is expected in all areas of the course.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		

Clinical Practice 2	This course will build on the foundation of knowledge and skills established in MEDI7121 to further develop and demonstrate knowledge and skills in history-taking, patient examination, communication, clinical reasoning and procedural skills. It consists of five areas: Clinical Coaching, Clinical Communication, Procedural Skills, Masterclasses and Professional behaviour. In Clinical Coaching students are taught the history taking and examination skills integral to medical consultations. Students cover the five major body systems over the year in Clinical Practice 1 & 2. Clinical Communication Skills concentrates on the process of communicating with patients using history taking as the context. A biopsychosocial model underpins the theory that the students learn and then demonstrate. Procedural Skills Workshops provide the opportunity for students to learn and then practise a range of basic procedures. The Nutrition Masterclass will introduce principles of nutrition in practice and further develop history-taking skills. Professional behaviour is expected at all times.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	1		
Ethics and Professional Practice 1	This course introduces students to the fundamental concepts necessary for an understanding of the ethical basis of medical practice, medical professionalism, and the legal framework in which medicine is practised. This understanding develops in an integrated way as students begin to develop their basic clinical and communication skills. Students begin to learn that some aspects of medical practice are the subject of a strong ethical consensus, while others are matters of considerable debate or even deep social division. Students' learning experiences will challenge them to begin to critically appraise the goals of medical practice and their own values. They will also be introduced to the idea that medicine is both an academic enterprise and a social practice, such that success requires the demonstration of basic and applied scientific and clinical knowledge, clinical competence, and satisfactory professional conduct.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		

Ethics & Professional Practice 2	This course continues to familiarise students with the ethical, professional, and social frameworks in which medicine is practised, and the agreed and debated issues within these frameworks, through topics that arise within cases and clinical learning. The course will be delivered using a combination of lectures and symposia (often involving outside experts), CBL discussion and supportive web-based materials.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	1		
Health, Society & Research 3	This course is the third in a sequence of four courses, which develop core concepts in public health, health systems and research. The course will examine the role of health services, communities and community organisations in the prevention of disease and the promotion and maintenance of health across the lifespan: from early childhood through to older age. The course will focus on students learning how to write a research proposal.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		
Clinical Science 3	This course will build on the foundation of knowledge established in MEDI7111 and MEDI7112. Students will continue their system-based application of clinically focused medical sciences; using case based learning models supported by a combination of lectures, practical classes, expert tutorials and symposia. This course will include the following modules: Eyes, Endocrinology, Male and Female Health and Development, Skin, Haematology and Mental Health.	Postgraduate Coursework	Semester 1, 2018	Biomedical Sciences School	1		
Clinical Science 4	This is the capstone semester for the clinical science courses in which a multisystems/integrated approach will be used to revisit all systems previously covered in MEDI7111, MEDI7112 and MEDI7211. The course will revolve around case presentations adapted from the Australian Curriculum Framework for Junior Doctors. Clinician-guided case-based learning (CBL) will be a feature of this course.	Postgraduate Coursework	Semester 2, 2018	Biomedical Sciences School	2		

Clinical Practice 3	This course continues to develop the basic clinical skills taught in MEDI7121 and MEDI7122. Further development of skills is facilitated by exposure to real patients both under supervision and in the students' own time. The course comprises several components focusing on complementary skills - Clinical Coaching, Clinical Communication Skills, Procedural Skills Workshops and Master Classes. Clinical Coaching sessions assist students to advance from peer examination in MEDI7121 and MEDI7122, to traditional bedside tutorials with clinicians using real patient histories and examination findings as the basis for learning. This form of learning enables the students to progress their skills, so that they are competently performing both systemic and focused histories, both systemic and focused physical examinations and developing the complex clinical reasoning skills necessary to progress into Year 3. Clinical Communication Skills tutorials are dedicated skills development sessions based on difficult and challenging communication scenarios faced by medical professionals on a regular basis. Procedural Skills Workshops are designed to teach students common and basic procedural skills necessary for working as a junior doctor. Master Classes are teaching sessions dedicated to a variety of specialty areas including Women's and Men's Health, Clinical Ophthalmology, Endocrine Examination and Suturing.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		

Clinical Practice 4	This course completes the Clinical Practice Program of Phase 1 of the MD program and consolidates the skills learned in MEDI7121, MEDI7122 and MEDI7221. Development of the skills from the previous courses is facilitated by exposure of the students to real patients both under supervision and in their own time. The course learning activities are Clinical Coaching, Clinical Communication Skills, Procedural Skills Workshop and Master Classes. Clinical Coaching sessions allow students to continue to practise the skills of history taking, physical examination and clinical reasoning at the bedside of real patients and to utilize these experiences to guide their learning. This form of learning enables the students to progress their skills under supervision, so that they are competently performing both systemic and focused histories, systemic and focused physical examinations and as well as developing the complex clinical reasoning skills necessary to progress into Year 3. Clinical Communication Skills tutorials are dedicated skills development sessions based on difficult and challenging communication scenarios faced by medical professionals on a regular basis. The Procedural Skills Workshop is designed to teach students a more advanced procedural skill necessary for working as a junior doctor. Master Classes are interactive teaching sessions dedicated to a variety of specialty areas including Women's and Men's Health, Clinical Ophthalmology, Endocrine Examination, Advanced Life Support and Suturing.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	1		
Ethics and Professional Practice 3	This course provides a deeper engagement with the ethical, professional and legal obligations of the doctor consistent with the second year of the medical program. Problem-solving skills in the context of the clinical consultation necessarily include consideration of the ethical and legal aspects of the presenting problem and its management. These skills develop in conjunction with developing analytical and communication skills. The course will be delivered using a combination of lectures and symposia, web-based resources and readings.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		

Ethics and Professional Practice 4	This course continues the deeper engagement of students with more practical medical ethics and law. The course has 2 main themes. The first 8 weeks focus on the Australian Safety and Quality Health Service Standards. The final 8 weeks develop the students understanding of Australian health law and how it applies to medical practice.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	1		
Surgery	The eight week Surgery rotation is devoted to General Surgery (Breast / Endocrine, Upper Gastrointestinal, Hepatopancreatobiliary, Colorectal, Trauma & Acute surgery) and some subspecialties including Burns & Plastics, Urology, Vascular, Neurosurgery and Cardiothoracic Surgery. The aim of this course is to familiarise students with common, serious and life threatening surgical diseases and for the student to develop an understanding of how they present clinically; how to systematically evaluate these conditions; how they are investigated; principles of management; how to assess priorities for treatment; and when and how to initiate referral. The term is not intended to train students as technical surgeons but to develop students that are 'intern ready' who can function as part of a surgical team. Students will be allocated to surgical units, to participate in the daily activities of those units, and to participate in all that happens during their patients' episode of care. In addition, students should attend outpatients, ward rounds, operating theatre, and other unit meetings. In the individual teaching hospitals a tutorial program is conducted.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		

Surgery	The eight week Surgery rotation is devoted to General Surgery (Breast / Endocrine, Upper Gastrointestinal, Hepatopancreatobiliary, Colorectal, Trauma & Acute surgery) and some subspecialties including Burns & Plastics, Urology, Vascular, Neurosurgery and Cardiothoracic Surgery. The aim of this course is to familiarise students with common, serious and life threatening surgical diseases and for the student to develop an understanding of how they present clinically; how to systematically evaluate these conditions; how they are investigated; principles of management; how to assess priorities for treatment; and when and how to initiate referral. The term is not intended to train students as technical surgeons but to develop students that are 'intern ready' who can function as part of a surgical team. Students will be allocated to surgical units, to participate in the daily activities of those units, and to participate in all that happens during their patients' episode of care. In addition, students should attend outpatients, ward rounds, operating theatre, and other unit meetings. In the individual teaching hospitals a tutorial program is conducted.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	1		
Mental Health	The eight week Mental Health Rotation is conducted in mainstream mental health services, such as community, public and private hospitals or fully integrated services. The clinical attachment sites provide a variety of experiences and access to the private sector and community-outreach services occurs in some sites. Learning in the clinical setting is central to the rotation, additional learning being through Clinical Case Review Discussions and interactive workshops.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		

General Practice	The eight week General Practice Rotation is community-based and involves the use of general practices in the geographical region in which each student is based. It offers students the opportunity to see and participate in the delivery of health care to patients with a large range of biopsychosocial problems. Through exploring the community context of health and illness students will learn about people's experiences and everyday management of health and health problems, as well as some of the ways in which different community groups and organisations contribute to maintaining and promoting health in the community. Students are encouraged to be enthusiastic and inquisitive, to become familiar with the everyday procedures involved in the workings of the general practice, and to function as a member of the health care team. Additionally, students are expected to use evidence based medicine skills to answer clinical questions as they arise, thus providing a benefit to the GP preceptors, as well as to their own learning. They are requested to work up illustrative cases to contribute at weekly small group, case based tutorials.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		
Medicine	The purpose of the eight week Medicine rotation in Year 3 is to provide an introduction to clinical medicine and therapeutics. The rotation is based upon placements in (mainly) general medicine units located in each Clinical School as a framework for clinical learning in medicine, coupled with clinical discussion sessions for each of the seven weeks of the rotation. The clinical discussion sessions will be co-ordinated by a consultant physician. In some cases a sub-specialist with a clinical interest in the topic of the week will be involved. The plan is for Year 3 students to continue to use their self-directed learning techniques and knowledge acquired during Years 1 and 2 of the MD to focus their learning within a hospital ward environment.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		

Medicine in Society	This course provides a unique opportunity for medical students to understand and experience the rewards, benefits and challenges of clinical practice among population groups and/or in communities that face access and equity challenges associated with health service delivery. Such challenges can be attributed to contextual factors such as geographical isolation, ethnicity, disability, socioeconomic status and/or life circumstance. Clinical practice within such a contextual framework requires distinctively generalist knowledge, skills and attitudes. Whilst the context might be different, clinical practice is governed by a number of common parameters such as isolation, professional challenges, holistic patient care and team based case management. At the core of each student's learning experience will be a structured clinical placement where students will work closely with a Preceptor who will guide and support students as they provide health care in context.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	2		
Preparation for Practice 1	This course aims to revisit the core concepts of ethics and law, professionalism and communication first encountered in Phase 1 of the MD program and situate them within the clinical environment of Year 3. It is delivered concurrently with clinical rotations in Semester 2 of year 3, with horizontal integration between clinical courses and the curriculum content in Preparation for Practice 1.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	1		

Obstetrics & Gynaecology	By the end of the eight week clinical rotation in Obstetrics and Gynaecology, students will have developed their knowledge, skills, personal attributes and acquired further clinical skills in women's health. Students are assigned to an Obstetrics and Gynaecology unit in a hospital within a Clinical School for the eight week clinical rotation. Students will be an active participant of the medical team involved in the patient's care and will be expected to discuss problems and management plans using critical reasoning. Students are instructed how to take a patient's history and perform a physical examination. Students will learn about progress in labour and technique of normal delivery. It is expected that students will achieve a solid foundation to critically evaluate issues in women's health and reproductive health care.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		
Paediatrics & Child Health	The course goals include: - preparing the student for work readiness in a paediatric clinical unit; recognition of the sick child; understanding the scope of paediatrics and having sufficient knowledge and experience to progress to post-graduate training in Paediatrics and Child Health. The course includes a six week clinical immersion underpinned by the paediatric online interactive education (POLIE) curriculum, supplemented by a specialist lecture series and other teaching sessions depending on the specific Clinical School attachment.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	2		
Critical Care	The Critical Care course is conducted in the major teaching hospitals in each Clinical School. The CCC aims to teach the student the skills, knowledge and attitudes involved in managing patients with critical illness. The majority of students' time in each of the three disciplines of Anaesthetics, Emergency Medicine and Intensive Care will be as direct one-on-one clinical contact and/or ward rounds in the Intensive Care Unit with some small group tutorial teaching.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	2		

Medical Specialties	The Medical Specialties course includes a six week clinical placement that will offer students the opportunity for exposure in two Medical Specialty Areas (MSAs) based in a hospital within a Clinical School. In addition, this course provides students with experience and learning opportunities in tertiary medical practice and offers intensive attachment to medical practitioners in a medical specialty. Students are expected to obtain an overview of the common and important problems that a Medical Specialties Area (MSA) usually encounters. Students are expected to learn how to utilise the appropriate resources in the diagnosis, management, health maintenance and prevention of these problems. Students should be made aware of the strengths and weaknesses of various service delivery models and specialty services. The use of evidence based medicine in accomplishing these goals is essential. The primary aim of this course is to build on the knowledge and experience learnt during the Medicine Rotation in Year 3. It is essential that students use clinical placement component as an opportunity to enhance their skills in history taking, clinical examination and in synthesis of their findings. The setting to facilitate such learning will be different from Year 3, namely subspecialty medicine.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	2		
Surgical Specialties	The primary goal of this Surgery Specialties clinical placement is to allow the students to gain exposure to patients with common and serious Orthopaedic & Ophthalmologic Surgical problems; to learn how patients with these conditions present clinically, to develop history taking and physical examination skills in these particular patient populations, to learn the role of investigations for these patients and to develop an understanding of the treatment principles, both operative and non-operative, for patients with these conditions.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		
Preparation for Practice 2	The Preparation for Practice 2 Course has been developed to help prepare you for your internship year, learning skills & knowledge specifically related to the day to day tasks of an intern.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	1		

Control Engineering 1	Introduction to control system design; system modelling principles for electrical & mechanical systems; the Laplace transform; block diagram modelling; open & closed loop control; role of feedback; transient & steady state performance; root locus; frequency response analysis; compensator design, practical issues in the implementation of control systems.	Postgraduate Coursework	Semester 1, 2018	Info Tech & Elec Engineering	1		
Robotics and Automation	Modern control & robotic techniques for use in practical applications. Coverage of advanced control methodologies & intelligent robotic systems.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Control Engineering 2	Coverage of various advanced topics in control systems engineering: (i) observers and state estimation, (ii) multivariable systems in the frequency domain, (iii) robust control, and (iv) model predictive control.	Postgraduate Coursework	Semester 2, 2018	Info Tech & Elec Engineering	1		
Mechatronic System Design Project I	Introduction to mechatronic engineering. Technical: mechatronic technology exemplars; mechanical & electrical drawing; small mechatronic product designed & tested for potential client. Organisational: project team must follow standard procedures - milestones, reporting, project meetings, interacting with client.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		
Control System Implementation	Industrial control technology: the role of sensors and actuators, risk-based design, industrial controllers. Actuators: simulation and modelling of loads, actuator selection, motor performance and prediction. Sensors: operation and selection of sensors. Design of industrial control/automation system.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Control Engineering 1	Introduction to control system design; system modelling principles for electrical & mechanical systems; the Laplace transform; block diagram modelling; open & closed loop control; role of feedback; transient & steady state performance; root locus; frequency response analysis; compensator design, practical issues in the implementation of control systems.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Robotics & Automation	Modern control & robotic techniques for use in practical applications. Coverage of advanced control methodologies & intelligent robotic systems.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	1		

Mechatronic System Design Project II	Technical: Small teams of students undertake design, implementation, testing, evaluation & presentation of mechatronic systems of intermediate size & complexity. Organisation: project team must follow standard procedures, milestones, reporting, project meetings, interacting with client.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	1		
Thesis/Design Project	(May commence Sem 2) Thesis/design project on topic in mechatronic engineering. Students commencing in sem 1 enrol in METR4900 for sem 1 and sem 2; students commencing in sem 2 enrol in METR4901 for sem 2 and the following sem 1.	Undergraduate	Semester 2, 2018	Info Tech & Elec Engineering	2		
Thesis/Design Project	(May commence Sem 2) Thesis/design project on topic in mechatronic engineering. Students commencing in sem 1 enrol in METR4900 for sem 1 and sem 2; students commencing in sem 2 enrol in METR4901 for sem 2 and the following sem 1.	Undergraduate	Semester 1, 2018	Info Tech & Elec Engineering	2		

Tools and Techniques for Business Analysis	This course introduces students to the different types of information that managers and other decision-makers gather, and the tools used to analyse that information for effective business decisions. It provides an overview of the extensive range of strategic and operational frameworks drawn from fields such as strategic management, financial management, marketing, human resource management, supply chain management and international business. The purpose of this comprehensive toolkit course is not only to provide students with a wide range of the necessary business analytical tools, but also to integrate these tools into a more complete and meaningful package that can be used as a portable toolkit for ensuing courses, and across their post-study career. To do this, this course follows a problem based approach, where an understanding of the decision-making frameworks is gained through its application to practical problems. Three themes per semester will be investigated in groups, using the multiple lenses that tools such as Business Model Canvas, Balanced Scorecards, Career Mapping, SOAR, PESTEL, Market Analysis, Porter's Five Forces, Financial Forecasting, Bell-Mason Diagnostic, Prior Art Searches, Scenario Planning, Technology Analysis, SWOT, Strategy Diamond, Seven Tools of Project Management, Business Plans, Root Cause Analysis, MInto Pyramid, and HR Audits provide. This will provide students with insights into both the nature of the business problems as well as methods that are used for identifying and evaluating alternative solutions.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Principles of Strategic Management	This course investigates the concepts & techniques of strategic analysis & implementation at the business & corporate levels. Specific concepts examined include industry & environment analysis; business strategy analysis, organisation performance analysis; capabilities analysis; gap analysis; business & corporate strategic options; strategic decision making; implementation; corporate strategic analysis; mergers & acqisitions; & strategic alliances.	Postgraduate Coursework	Semester 1, 2018	Business School	2		

Introduction to Management	The course covers the broad areas of planning, leading, organising and controlling and spans classical to contemporary approaches to management thinking. More specifically topics and themes include: ethics, rationality, strategic frameworks, international business, HRM, and organisational change and innovation.	Undergraduate	Semester 1, 2018	Business School	2		
Organisational Behaviour	Introduction to organisational behaviour, developing understanding of employee personalities & attitudes, motivation & leadership, power, group dynamics & culture on employee attitudes & behaviour.	Undergraduate	Semester 1, 2018	Business School	2		
Working with Groups and Teams	The course gives a broad practical understanding of processes of group development and function including understanding team roles, personal interactions in groups, leadership and conflict management. (Minimum enrolment required- 10 for Semester 2 and 25 for Summer Semester). From 2016 this course will replace MGTS2961.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	2		
Leading & Managing People	Theory, application and skills development in leading and managing people. Differentiating between management and leadership, organisational and team leadership, change, diversity and strategic leadership, leadership cases in Australia and global context.	Undergraduate	Semester 1, 2018	Business School	1		
Introduction to Human Resource Management	Introduction & overview of the theory & practice of Human Resource Management including strategic & international HRM. Students gain an appreciation of the breadth & scope of HRM.	Undergraduate	Semester 1, 2018	Business School	2		
Managerial Skills & Communication	Development of managerial skills and communication. Covers self-awareness, communication theory, listening and nonverbal, interpersonal problem-solving, stress and stress management, persuasion and influence, oral presentations, and meetings and interviews.	Undergraduate	Semester 1, 2018	Business School	2		
Employment Relations	The nature of the employment relationship and the role of conflict at work. Changing context of employment relations - political, legal and economic. Overview of key parties involved in employment relations: employers, governments, tribunals and unions. Main methods for determining conditions of employment: arbitration, enterprise bargaining, individual contracts and managerial prerogative. Legal regulation: occupational health and safety; workplace discrimination.	Undergraduate	Semester 2, 2018	Business School	1		

Business Policy and Strategy	Deals with key aspects of business strategy formulation & implementation, providing Australian & international perspective. Examines concepts, theories & techniques relevant to this task drawn from many disciplines. Note - this course MUST be undertaken at UQ. Students are not permitted to undertake the course on exchange or at another Australian or overseas institution (either cross-institutionally or for credit).	Undergraduate	Semester 1, 2018	Business School	2		
The Business of Professional Sports	The size of the world market for professional sports will reach $90.9 Billion (US) by 2017. It is growing at 5% per year. In Australia the combined Sport and Recreation Industries have been valued at $13 Billion (A) approximately, making sports a major contributor to the economy. The economic significance of the sports industry alone makes it an important area of study. Moreover, associated with the growth in the sports industry is the demand for a professional workforce in sports administration and sports analytics. Taken in isolation, the world market for sports analytics is currently valued at nearly 5 Billion. This course will act as an important introduction to those looking for a career in sports administration or sports analysis.	Undergraduate	Semester 1, 2018	Business School	1		
Systems Thinking	Decision making in any discipline requires an understanding of how complex systems work and how decisions and policies can influence system behaviour. This course introduces the principles and tools of Systems Thinking and their application to problem solving and management.	Undergraduate	Semester 1, 2018	Business School	1		
Organisational Design & Change Management	Covers diverse nature of organisation theory & its use in analysing & designing effective organisations. Considers many forms of organisation-level change & the many influences on it including organisational structure, technology, culture, power & organisation's external environment.	Undergraduate	Semester 1, 2018	Business School	1		
Managing Workplace Conflict	The course will cover interpersonal conflict in the workplace. Specifically, the course will cover triggers of conflict, classic and contemporary theories of conflict, conflict environments and strategies of managing workplace conflict including third party intervention.	Undergraduate	Semester 1, 2018	Business School	1		

Strategic Human Resource Management	Advanced study in Human Resource Management in organisations with a particular emphasis on strategic processes of HRM. Fundamental knowledge of critical HR functions is provided emphasising need to align such functions with organisation's objectives & HRM strategy.	Undergraduate	Semester 2, 2018	Business School	1		
Human Resource Development	Introduction to human resource management areas of training & development in organisations. Based on sound theoretical principles, but with strong practical focus. Participants experience both the role of trainer & trainee.	Undergraduate	Semester 1, 2018	Business School	1		
Negotiating Employment Agreements	Theory and practice of negotiation of employment agreements. Course develops essential student skills in employment negotiations, with the major assessment item involving in-class negotiation of an enterprise agreement.	Undergraduate	Semester 2, 2018	Business School	1		
Managing in the Global Workplace	This course is designed to provide students with an understanding of three interrelated aspects of managing in the global workplace. Theme 1: General human resource management (HRM) in the multinational enterprise. Theme 2: Engaging in and supporting global mobility. Theme 3: Building awareness of present and emerging international human resource management trends. The course places equal value on building students' understanding of the theoretical foundations and practical implications of working in a global HRM environment.	Undergraduate	Semester 1, 2018	Business School	1		
Managing Performance	Managing Performance examines the concepts, principles and systems associated with managing employee performance in the workplace. Links are made between individual, team and company performance including the alignment of goals at different levels. The differing perceptions and expectations of performance by different stakeholders including employees, managers, customers, shareholders, unions are considered. Ways of measuring performance are taken into account and the impact of performance on the bottom line. The interplay with other Human Resource Practices are identified to recognise the contribution to business outcomes.	Undergraduate	Semester 2, 2018	Business School	1		

Theory and Research in Strategic Management	This course is about strategic management as an area of theory building and empirical inquiry. It is an advanced-level course that overviews strategic management theory and research through reading and critiquing the scholarly literature. The format is a seminar that emphasises guided student discussion of articles.	Undergraduate	Semester 1, 2018	Business School	1		
Organisational Research Paradigms	The objective of the course is to provide Honours and PhD students with knowledge of advanced organisational theory and research. The study of organisation is both an empirical and applied discipline that is informed by scholarly research in a number of related disciplines (e.g., psychology, anthropology, sociology, political science). This course provides a brief historical review of organisational theory and research (including a review of seminal works in various fields), a review of influential theories in the development of organisational studies, and an overview of contemporary theories and research.	Undergraduate	Semester 1, 2018	Business School	1		
Business Negotiation	Introduction to models & theories of business communication & negotiation, with focus on practice & application of specific negotiating skills & conflict resolution.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Cross Cultural Management	This course is designed to convey the major principles relating to management across cultural and national boundaries. It focuses on interpersonal approaches between people of different cultures in work settings as opposed to a country specific approach. That is, the approach is used to understand the effect of culture in a way that can then be applied to a wide variety of cross-cultural interactions in a number of organisational context. Participants will interact, examine concepts, cases to increase awareness, and understanding concerning the influence of culture on management and management practices.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Business Dynamics	Building on existing business strategy concepts, this course uses the tools and principles of System Dynamics to analyse and understand a firm's performance and design robust strategies to improve its performance through time.	Postgraduate Coursework	Semester 2, 2018	Business School	1		

Risk Assessment and Decision Analysis	Businesses are exposed to many different risks. They do not have the resources to implement all possible risk mitigation strategies, so they have to prioritise. They also need to know what actions will minimise risk or reduce it to an acceptable level. Many factors affect risk and many risk factors are not easily quantifiable. Therefore, managers require risk assessment skills that allow them to accommodate multiple factors that affect risk and their relationship, account for uncertainty in risk factors, and evaluate risk management options. This requires skills in causal risk assessment whereby the relationships between risk factors are causally mapped, probabilities are applied to these causal relationships to develop a risk model and the risk model is used to evaluate risk management options. This course equips students with these skills.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Managing Organisational Behaviour	This course discusses relevant issues in the management of people, including motivation, groups and teams, emotions and stress, individual differences, leadership and organisation change.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Strategic Human Resource Management	Deals with a range of theoretical & practical issues concerning the management of people in paid or voluntary work including topics like HR strategy, HR systems, employee resourcing, performance management, rewards, & training & development.	Postgraduate Coursework	Semester 1, 2018	Business School	3		
International Human Resource Management	This course provides a comprehensive overview of international human resource management (IHRM) as it is practiced in the multinational enterprise (MNE). The course recognizes the complexities and critical challenges encountered in (1.) the general HR multinational context, (2.) managing and supporting international assignments, and (3.) addressing global HR issues. The course is designed to provide students with an understanding of the theoretical foundations and practical implications of approaches to IHRM. Lectures are complemented by discussions, group and individual activities, and a consulting project. Experts from industry are invited to speak on particular topics.	Postgraduate Coursework	Semester 1, 2018	Business School	1		

Performance Leadership	Deals with a range of theoretical and practical issues to lead the performance management of people, including topics like understanding performance, ensuring an integrated approach to performance, designing a process for a performance management system, conducting performance feedback and coaching, dealing with diminished performance, and understanding the relationship between reward and performance.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Ethical Issues in Management	This course offers students an opportunity to develop a working command of ethical management.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Business and Society	Private sector, not-for-profit and government organisations operate in increasingly complex global systems. Effective management of these organisations requires an understanding of their economic, social, political and cultural contexts. This course will provide students with an introduction to these contexts forming the foundations for their study of leadership, human resources, government and business relations, strategy and issues involving communications and the media.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Contemporary Employment Relations	This course will focus on employment relations in the workplace in both the Australian and International context. The course begins with an examination of international standards for and approaches to managing employment relations. The course discusses the relationship between the various stakeholders in the employment relationship and employment relations and the law. The focus then moves to workplace strategy including workplace bargaining and managing conflict at both theoretical and skills levels. Students will gain practical experience through simulated negotiation of a certified agreement.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Management Communication	The course will develop written and spoken skills. Students will enhance their writing by learning about and applying skills of paragraph development, 'Plain English' style, and the syntactic structure of clauses and phrases. Students will apply these skills in business contexts (for example: reports, proposals, letters) and academic contexts (the research paper and case study). Speaking skills will be enhanced by understanding and applying oral communication in impromptu and formal speaking (the 5 minute 'pitch').	Postgraduate Coursework	Semester 1, 2018	Business School	2		

Employee and Organisational Development	Employee and organisational development underlies the ability of an organisation to adapt, compete and ultimately survive. This course deals with a range of theoretical and practical issues fundamental to leading the development of people and organisations. Topics include learning theory, workplace learning systems and e-learning, career management, process consultation, systems theory, 6 Sigma, action learning, appreciative inquiry, and measuring the return on investment (ROI) of development activities.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
The Fundamentals of Designing and Staffing Organisations	The aim of this course is to provide students with the fundamental mindset, critical thinking skills, and competencies associated with positive performance enhancing staffing practices and work design in a complex, dynamic world. This course provides essential learning for line managers, those who wish to pursue a career in Human Resource Management, and anyone who wants to know how to make their organisation world class in talent management and workplace integration and engagement.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Wise Leadership	The concept of leadership is now widely understood neither as charismatic nor transactional. Instead authentic leaders who can transform organisations are desired by organisations as diverse as the armed forces and medical practice. Effective leaders need to be able to create missions and implement strategies that respond to longer term sustainability of the organisation as well as the society in which it operates and, ultimately, the very earth from which we sustain life. This course asks participants to continually reflect on their leadership capability in terms of wisdom principles of leadership that evolve throughout the course.	Postgraduate Coursework	Semester 1, 2018	Business School	2		

Leadership: Theory & Practice	This course leads students through a critique of traditional leadership theories in order to provide a model of authentic leadership that is based on human virtue, a service orientation, and sustainability. Complementing this is a series of self-assessments that will provide students with personalised information for reflection about their own capacity for leadership. Students will be able to access their own results when they undertake the companion course Wise Leadership (MGTS7618) later in the program.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Leadership in Practice	This capstone course provides students with an opportunity to reflect on the content and self-knowledge built up in the core courses of the Leadership major, and to develop a program for their future development as a leader. It comprises two components: fortnightly reflections on a set of readings and a negotiated research project throughout the semester. The interactions are designed to be collegial and dialogic, directed towards developing a credible leadership path for each student.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Career Transition	This course provides students with a framework to use to in their final semester of study to highlight personal capabilities in leadership and self-management in preparation for career transition from university to work and into the future. Both academic research on careers and transition will support practical application of knowledge and skills. Thus it provides a critical bridging between academic study in field(s) of study and individual career pathways.	Postgraduate Coursework	Semester 1, 2018	Business School	2		

Leading People and Teams	Leading and coordinating groups and teams is an increasingly important capability in the modern organisation. This course is focused on theories, models and practical frameworks for the effective and strategic leadership of teams. Activities and course discussions begin with a focus on the role of individual differences in group processes, and progresses to a discussion of team dynamics and the interplay between individual and team factors within organisations. The approach taken will provide opportunities for you to actively reflect on your current practice and assist you to integrate and practically apply fresh insights to improve your leadership effectiveness. Participants will leave the course with an in-depth understanding and a range of tools and techniques to lead and develop a high performing team.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Strategy in Action	Good strategy creates value for an organisation and its stakeholders. However, in an increasingly turbulent and competitive environment, leaders must both develop and execute strategy as an interlinked and ongoing process. Strategy in Action addresses this challenge by moving well beyond traditional strategic planning. It demonstrates how a `logic of integration? and a `logic of execution? combine to deliver good strategy, irrespective of whether the organisation is run for profit, not for profit or is in the public sector. This leading edge courses uses live case studies and extensive class interaction to enable participants to develop and execute business models that deliver performance.	Postgraduate Coursework	Semester 2, 2018	Business School	1		

Leadership Styles and Practice	This course introduces current managers and future leaders to a range of perspectives for understanding and addressing individual, group and organisational challenges around managing and leading people. It provides specific areas of foundation knowledge, skills and insights that can be built further on through other courses, especially on leadership, leading teams, and change management. The course is taught in two components, which aim to develop management and leadership capabilities at two levels of analysis. At the individual level, the focus is on enhancing awareness of personal frameworks to develop managerial performance, career development and self-understanding. At the organisational level, the focus is on developing knowledge and skills in applying frameworks for understanding and analysing organisations and their environments, and for solving organisational and societal problems.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Special Topics in Contemporary Leadership 4	Topics confined to specialist research and teaching interestes of permanent or visiting staff. Details available from Head of School.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Management Frameworks	This course will introduce students to the MBA and provide specific areas of foundational knowledge and skills to build on throughout the degree program. These areas will include generalist as well as specific management abilities. Building capability begins with a thorough self-assessment of capability and identification of professional goals that can be achieved through completion of the program.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Integrated Strategic Analysis	Integrated Strategic Analysis is delivered as a one-week intensive workshop. It is an integrative course taken at the start of the program in order to embed the key concepts needed throughout the rest of the MBA. This course allows students to case-study methods to analyse, synthesise and present conclusions and recommendations on issues of business strategy.	Postgraduate Coursework	Semester 1, 2018	Business School	3		

Strategic Human Resources Management	This course equips the Strategic Human Resource Professional to participate fully in executive deliberations surrounding the development and implementation of organisational strategy by representing the concerns and issues surrounding the human assets of the firm. The role of knowledge, technology, diversity, ethics, globalization, staffing, training, development, engagement, industrial relations, legal ramifications, performance and reward are all considered by the SHRM professional in the delivery of organisational strategy.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Leading People and Teams	This course develops the skills and knowledge required to effectively lead people and teams in the modern organisation. The course specifically focuses upon current theory and applied knowledge in this area. The approach taken enables students to actively reflect on and improve their current practice.	Postgraduate Coursework	Semester 1, 2018	Business School	3		
Industry Consulting D	This course will allow students to participate in industry consulting across various business areas, which vary from year to year. It may involve travel both domestic and/or international.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Industry Engagement Capstone	This capstone course is designed to enable students to integrate all of the capabilities that they have built in the MBA program to execute an industry engagement project. Students will work in teams to design and execute a strategic project for an industry partner. These projects will be drawn from industry partners in the corporate, not-for-profit, and startup sectors. Teams will work closely with their external clients to specify the scope of the project and then execute the design. While each project is different, they will all be of sufficient scale to incorporate the students' learning from across the MBA program - providing a unique opportunity to learn by doing.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Special Topics in Management	This course enables students to learn about one of the core management disciplines in more depth. It addresses advanced topics in the area of study which include: cutting edge practice, topics of higher complexity, and/or issues that require greater depth of knowledge or analysis.	Postgraduate Coursework	Semester 2, 2018	Business School	1		

Strategic Analysis and Implementation	This course investigates the concepts & techniques of strategic analysis and implementation at the business and corporate levels. Specific concepts examined include industry and environment analysis; business strategy analysis, organisation performance analysis; capabilities analysis; gap analysis; business and corporate strategic options; strategic decision making; implementation; corporate strategic analysis; mergers & acquisitions; and strategic alliances.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Principles of Business Management and Leadership	The course introduces current supervisors, new managers and future leaders to a number of key principles required for having a good understanding of the key issues and strategies for managing the individual, group and organisational challenges that they will face, almost daily. The course provides specific areas of foundational knowledge, skills and insights that can be built further on through other courses, especially on leadership, leading teams, strategy and change management.	Postgraduate Coursework	Summer Semester, 2	Business School	1		
Service Quality and Customer Co-Creation	Operating in a fast-changing, technology-driven environment, understanding clients as informed consumers is critical to developing appropriate strategies to individual needs. Learn about the latest research on segmentation, value co-creation, the changing role of clients, strategies to guide interactions given these changing roles and recovery strategies when things go wrong in interactions with clients. Using cutting edge knowledge from world leaders in their fields, plus a mixture of seminars, group discussions, case studies and practical exercises, this course will give you fresh insights and innovative ways to better understand and implement service quality and co-create value.	Postgraduate Coursework	Semester 2, 2018	Business School	1		

Evaluation of Programs & Projects	This course will only be offered in EVEN Years Undertaking an evaluation at activity, project or program level. Program logic to plan an evaluation. Qualitative and quantitative approaches in undertaking evaluations. Data collection methods. Techniques for analysing qualitative data. Introduction to survey design and interviewing. (Minimum enrolment required 15) Residential Schools - 1x5 days and 1x2 days. Internal: internal students enrolled [based] at Gatton campus should enrol in this mode. Intensive: external [off-campus] students, and students normally based at St Lucia campus, should enrol in this mode.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Effective Stakeholder Engagement	The course develops students' knowledge, understanding and skills to engage with diverse stakeholders and to design and manage effective stakeholder engagement processes. The course includes the principles of engagement, practical processes for conducting engagement and ways of enhancing engagement procedures to maximise the effectiveness of stakeholder relationships.The course is offered in internal and external modes. The external offering involves independent study but also regular contact with the lecturer. The minimum total enrolment required, including both modes, is 15.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Food Microbiology and Biotechnology	Examines the positive (fermentation) and negative (spoilage) roles microbes play in foods and methods of preservation. Rapid detection methods and molecular (DNA) methods relevant to food microbiology including genomics, real-time PCR and culture-independent identification are investigated. It also explores the fields of probiotics, spores, biofilms and problems and applications of bacteriophages, GM microbes and bioreactors. Practical and tutorial components may include chemical preservation, yoghurt fermentation, the isolation and identification of food bacteria using PCR, DNA sequencing, bioinformatics and real-time PCR.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		

Immunology and Infectious Diseases	The course covers specialised aspects of molecular approaches to the study and understanding of immunology and infectious diseases at an advanced level presented in a modular form. Modules include: immunology, mechanisms of bacterial pathogenesis, viral infectious diseases and immunity, and parasitic diseases and immunity. Interactive learning is encouraged within each module. Literature reviews, poster and in class quiz assessment items are designed to reinforce knowledge gained in each module. There is no practical component in this course.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Principles of Food Microbiology	Introduction to microbiology and food microbiology including microbial ecology of food; important foodborne pathogens (bacteria, viruses, fungi, seafood toxins, parasites, prions); food borne illness; indicator organisms; culture-based microbe detection; epidemiological and DNA fingerprinting methods used in outbreak investigations, antibiotic resistance in foodborne bacteria, foodborne pathogen pathogenesis mechanisms and emerging foodborne pathogens and evolution; practical culture-based microbiological examination of foods.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Microbiology & Immunology	This course explores the diversity of microorganisms, their cellular biology, growth & nutrition, metabolism, & basic genetics. The role of microorganism in disease, as well as their ecology & applications in biotechnology is also examined. Students will gain an insight into the immune response to infection by studying the innate, humoral & cellular immune systems & their functions in health & disease. The practical component of the course will include laboratory experiments to demonstrate principles learned in the lectures, where students will gain practical skills in safely handling microbial cultures for isolation & identification. The course provides the fundamental knowledge & skills needed to proceed further in microbiology, but also for all courses or disciplines involving molecular biology & biotechnology.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		

Food Microbiology I	Introduction to food microbiology; microbial ecology of foods (effects of water activity, pH, temperature, etc); significance, characteristics and control of important foodborne pathogens; (bacteria, viruses, fungi, seafood toxins, parasites, prions); food borne illness; indicator organisms; methods for examination of foods, regulatory standards; food borne illness; practical culture-based microbiological examination of foods; outbreak investigations.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Microbes & Human Health	This course describes the importance of infectious diseases in individuals, populations and communities. It covers the way microbes cause disease (pathogenesis), how they are transmitted, their spread within the population and mechanisms of control. Core topics include the epidemiology and pathogenesis of viral, bacterial and fungal infections, clinical microbiology and emerging infectious diseases. Each facet of the content will be presented in contemporary science contexts by experts in the field. The course requires the completion of a second year microbiology course (MICR2000 or equivalent) and is a prerequisite for those students wishing to obtain a major in microbiology.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Virology	Viruses have been shown to infect all forms of life and this course provides the fundamental background for studying the way in which viruses interact with their hosts. Surprisingly these interactions may be beneficial as well as deleterious. The course will cover both sides of this dynamic interplay including virus disease in humans, animals and plants as well as molecular aspects of the nature of viruses, their evolution, replication, applications in genetic engineering and gene therapy, detection and control by both vaccines and antiviral strategies. The course will familiarize students with practical skills relevant to the isolation, purification and characterization of animal and plant viruses. These include tissue culture techniques and virus growth, as well as molecular aspects of the detection and study of viral genes and expressed proteins, and the application of virus vectors in cell biology and biotechnology.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		

Molecular Microbiology	In Molecular Microbiology the fascinating array of intricate microbial components and genetic pathways, principally from of bacteria and fungi, will be revealed with particular emphasis on how these relate to their cellular biology, environmental survival strategies, human infection and treatment of disease. Students will learn how these molecular processes are not only important to the microorganisms but also how they can be exploited through advanced molecular techniques for human benefit (societal, environmental and industrial) and for the advancement of medicine. This course has an emphasis on research and as such consists of current-knowledge lecture material and advanced, comprehensive practicals. Lecture topics include: modern methods of genetic manipulation, environmental sensing and subsequent information management (signal transduction), regulation of gene expression, bacterial operons and regulons, fungal genetics, bacterial physiology and stress responses, bacterial organelles and their function and mechanisms of bacterial persistence. Two extended practical classes include; 1. Advanced methods of gene cloning/protein expression and, 2. High throughput compound screening for antibiotic discovery for the treatment of emerging superbugs.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Microbial Genomics	This course covers the principles of microbial genomics and its application to cultured and uncultured microbial diversity (metagenomics), including the use of informational macromolecules such as 16S rRNA. The course emphasises recent projects that use genomics and metagenomics to advance the fields of metabolic engineering, wastewater treatment and human health. This course has content relevant to Biotechnology and Genetics majors.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		

Food Microbiology II	Explores food preservation, spoilage, fermentation microbes and processes as well as rapid microbe detection methods. Molecular (DNA) methods relevant to food microbiology including genotyping, genomics and real-time PCR are investigated. It also examines the field of probiotics, spores, biolfilms and problems and applications of bacteriophages. Practical components may include chemical preservation, yoghurt fermentation, the isolation and identification of food bacteria using PCR, DNA sequencing, bioinformatics and real-time PCR.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Advanced Discipline Readings	This course provides students with the necessary skills to perform a review of the scientific literature relevant to the research question chosen for their research thesis. Students conduct a literature review, critique the relevant literature and synthesise the information. Students present the results of their review in the form of an oral presentation and a written submission.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Advanced Practice Midwifery I	This course will assist midwives to advance their health assessment skills across the continuum of midwifery care. Midwives will extend their knowledge of human sciences, develop advanced physical and behavioural assessment techniques, interpret diagnostic study results and evidence based resources and use clinical reasoning to formulate plans of care to address complex health related issues of the individual woman, baby and family.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Complex Midwifery Care II	This is the second course in the field of Complex Midwifery Care and will prepare registered midwives to provide care across the continuum of midwifery care to women and babies with complex needs which may arise from pregnancy induced factors such as, gestational diabetes and hypertension amongst others.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Introduction to Midwifery Practice	This course will introduce students to the theory and practice of midwifery. An overview of the antepartum, intrapartum and postpartum periods, including normal newborn care will be explained to enable students to begin to develop the knowledge required to commence safe contemporary woman centred midwifery practice. A broad overview of each of the stages to pregnancy, labour, birth and postnatal care will be discussed with consideration of the core technical components required for a beginning level of midwifery practice. Students will have the opportunity to practice skills of monitoring, assessing and caring for the woman and baby during the antepartum, intrapartum and postpartum periods, in a simulated environment.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Clinical Midwifery Practice 1	This course will provide students with the necessary foundational skills required to commence midwifery practice. An overview of skills required to provide novice level midwifery care in the antepartum, intrapartum and postpartum periods including newborn care will be developed through simulation and commencement of clinical practice. Students will also commence the requisite 20 continuity of care experiences required for completion of the degree and subsequent registration as a midwife. In this course students will be assessed in practice ensuring safety and quality in their beginning level of midwifery practice.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Working in Partnership with Women and Families	The practice of midwifery involves partnerships with women, families, and communities. Knowledge and skills are the foundation to midwifery practice but knowing how to work in partnership with women and families is essential. This course will introduce students to the art of midwifery practice. Using a narrative approach to learning, students will explore cases and interact with women and families who have undergone the lived experience of challenges with preconception, assisted conception, and experienced normal pregnancy, labour and birth. Students will have the opportunity to practice skills of monitoring, assessing and caring for the woman and baby with challenges in pregnancy as well as normal pregnancy, labour and birth, in a simulated environment.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Clinical Midwifery Practice 2	This course will continue to build on the midwifery foundational skills learned in semester 1 with a focus on the principles of medication administration in the mother and neonate. Safety in drug administration as well as observational techniques for the mother and baby required when drugs are utilised will be learned. Students will develop a comprehensive understanding of the principles and mechanisms of normal labour and birth and conduct in practice care and support of a woman through a normal labour and birth. Non-pharmacological methods of pain relief in pregnancy, labour and birth are also considered. In the clinical practice aspect of this course it is recommended that students conduct 4 births in the role of primary accoucheur. It is a requirement that at least 2-4 continuity of care experiences (CoCe) are in the process of being completed this semester. Please note that birthing numbers may include women the student has engaged with as part of the CoCe.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Clinical Midwifery Practice 3	MIDW2004 is a clinical course which provides the foundation clinical skills and experiences in the Bachelor of Midwifery program. This course runs concurrently and is integrated with the theoretical courses MIDW2001, MIDW2002 and MIDW2005. Throughout the semester, clinical learning experiences will be planned to integrate with the theoretical concepts covered in the practice problems. Students will be rostered to attend clinical placement on either morning, afternoon or night shifts for 15 shifts of 8 hours duration. In addition to their clinical placement, students will have planned clinical sessions in the laboratories in their base hospital with their Clinical Lecturer each week. In these sessions, they will learn specific skills that relate to their practice problems and which they may then implement under supervision in their clinical placement. Students will be assessed for competence within the clinical placement and maintain a portfolio of evidence in the acquisition of skill based competencies. Students will be required to complete 20 Continuity of Care experiences during the 3 years of their program and record their participation in these experiences in the electronic portfolio.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Health Complexities in Pregnancy	This course will provide students with an overview of some of the complexities women have in pregnancy. Some women experience complications and/or have existing medical conditions that will require specialist obstetric and multidisciplinary care during pregnancy, labour and birth and in the postpartum period. Midwives play a pivotal role in the care process not only in delivering the necessary care but also in providing continuity and support and interfacing either directly or indirectly with all members of the multidisciplinary team. The role of the midwife in screening, assessment, and early detection of such conditions, as well as the psychological impact on mothers and families will be explored. Students will have the opportunity to practice skills of monitoring, assessing and caring for the woman and baby with complexities, in a simulated environment.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Clinical Midwifery Practice 3	This course will consolidate midwifery practice skills learned in Year 1 and begin to enhance woman centred midwifery care skills with a focus on the care of the woman, family and fetus during labour and birth. The midwife's role in obstetric emergencies will be considered and simulated experiences will be utilised to assist student in the development of emergency response skills. Students will be assessed for clinical competence and maintain a portfolio of evidence in the acquisition of skill based competencies. In the clinical practice aspect of this course students will be required to conduct 5 births in the role of primary accoucheur. It is a requirement that at least 4 continuity of care experiences (CoCe) are in the process of being completed this semester. Please note that birthing numbers may include women the student has engaged with as part of the CoCe.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Postpartum and Infancy	This course will provide students with the opportunity to consider the care and support required for women, their babies and families as they adjust to early parenthood. Building on the concepts learned in the Semester 1 mental health course students will further explore the impact of maternal mental wellness and illness and learn to identify the normal adjustment reactions to motherhood and distinguish them from the early warning signs of emotional distress or mental illness in the postpartum period. Students will learn about issues that impact on the mental health of women and how the midwife can provide appropriate support and care to keep women and babies safe.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Critical Illness in the Mother and Neonate	This course will provide students with an overview of the challenges around caring for mothers and babies with a critical illness, including ways to prevent the devastating outcomes of critical illness in pregnancy, labour and the puerperium. The role of the midwife in early recognition of critical illness of childbearing women and identification of the need for a rapid response and/or timely referral to the multidisciplinary healthcare team to achieve safe, high quality care based on current evidence will be explored, together with the need for a knowledgeable and skilled multidisciplinary team who is well rehearsed in the treatment of maternal and neonatal emergency response. Students will have the opportunity to practice skills of monitoring, assessing and caring for the woman and baby with a critical illness, in a simulated environment.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Clinical Midwifery Practice 4	This course will continue to extend students' midwifery practice. Building on the skills developed in MIDW2103, students will extend their practice to include care of women and families experiencing life-threatening complications around labour and birth. The role of the midwife in the multidisciplinary healthcare team responding to unexpected life-threatening emergencies will be analysed, and simulated experiences will be further utilised to assist students to extend their practice. Care of women in premature labour and birth and subsequent care of the premature neonate will also be covered. Students will be assessed for clinical competence and continue to maintain a portfolio of evidence in the acquisition of these skill based competencies. In the clinical practice aspect of this course it is recommended that students conduct 5 births in the role of primary accoucher. It is a requirement of this course that at least 4 continuity of care experiences (CoCe) are in the process of being completed this semester for BMid students, and 1-3 for BN/BMid students. Please note that birthing numbers may include women that the student has engaged with as part of the CoCe.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Foundations of Midwifery and Midwifery with Complex Pregnancy	This course enables students to change from the Bachelor of Nursing program to either the Bachelor of Midwifery or the Bachelor of Nursing/Bachelor of Midwifery following completion of year one in the Bachelor Nursing. This course provides the foundational midwifery knowledge covered in year one of the Bachelor of Midwifery and the Bachelor of Nursing/Bachelor of Midwifery through an intensive three day workshops including clinical skills simulation augmented by online modules prior to students' exposure to health complexities in pregnancy. On successful completion of the intensive week, students will join the main cohort of midwives to explore health complexities women have in pregnancy. Some women experience complications and/or have existing medical conditions that will require specialist obstetric and multidisciplinary care during pregnancy, labour and birth and in the postpartum period. Midwives play a pivotal role in the care process not only in delivering the necessary care but also in providing continuity and support and interfacing either directly or indirectly with all members of the multidisciplinary team. The role of the midwife in screening, assessment, and early detection of such conditions, as well as the psychological impact on mothers and families will be explored. Students will have the opportunity to practice skills of monitoring, assessing and caring for the woman and baby with complexities, in a simulated environment.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Clinical Midwifery Practice 5	This course introduces students to the role of a beginning level midwifery practitioner in a specialty practice setting or area, with the overall aim of developing the Nursing and Midwifery Board of Australia National Competency Standards in students, in addition to students displaying UQ graduate attributes in their practice. The course aims to develop in graduates an awareness and understanding of the health issues, cultural values and diversity pertinent to the midwifery specialty practice setting or area. During the preceptored clinical experience students should have an opportunity to apply and build upon the theoretical concepts learned in foundations of midwifery practice and the interpersonal, and midwifery clinical assessment and intervention skills learned as part of this course. Students should be able to build on the knowledge gained in previous midwifery professional education and practice. Midwifery students will also have the opportunity to continue the professional requirement for continuity of care experience of their midwifery clients. NB. Enrolment in this course in Summer Semester is by departmental consent - contact the School of Nursing, Midwifery and Social Work for permission.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Clinical Midwifery Practice 6	This course provides students with the opportunity to consolidate their role as beginning level midwifery practitioners, with the overall aim of developing the Nursing and Midwifery Board of Australia National Competency Standards in addition to students displaying UQ graduate attributes in their practice. The course aims to develop in graduates an awareness and understanding of the health issues, cultural values and diversity pertinent to midwifery practice. During the preceptored clinical experience students should have an opportunity to apply and build upon the theoretical concepts learned in foundations of midwifery practice and the interpersonal, and midwifery clinical assessment and intervention skills learned as part of this course. Students should be able to build on the knowledge gained in previous midwifery professional education and practice and advance this practice to include the management of obstetric emergency situations. Midwifery students will also have the opportunity to complete the professional requirement for continuity of care experience of their midwifery clients. NB. Enrolment in this course in Summer Semester is by departmental consent - contact the School of Nursing, Midwifery and Social Work for permission.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	2		

Extending Midwifery Practice	This course introduces students to the role of a beginning level midwifery practitioner in a specialty practice setting or area, with the overall aim of developing the Nursing and Midwifery Board of Australia National Competency Standards in addition to students displaying UQ graduate attributes in their practice. The course aims to develop in graduates an awareness and understanding of the health issues, cultural values and diversity pertinent to the midwifery specialty practice setting or area. Students should have an opportunity to apply and build upon the theoretical concepts learned in foundations of midwifery practice in previous semesters and in their concurrent clinical practice course. The legal and ethical issues associated with providing care for mothers and/or babies in the midwifery specialty practice setting or area will be covered. Students will learn the prevalence and risk factors for a range of maternal and newborn health issues identified by population based studies and will learn about strategies which may be implemented by communities to promote the health of mothers and babies. NB. Enrolment in this course in Summer Semester is by departmental consent - contact the School of Nursing, Midwifery and Social Work for permission.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Woman Centred Care towards a Philosophy of Practice	This course will prepare students for professional midwifery practice focusing on woman centred care. Students will critically analyse woman centred care and the role of midwives in supporting women in their choices. Further analysis will include the impact of the midwifery partnership as well as collaborative practice on outcomes for mothers and babies and midwives. Students will continue to reflect on midwifery practice using weekly video journaling about clinical experiences related to course content.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Complex Midwifery Care III	This course will prepare students to provide support and care for women and their babies who have complex needs arising from addiction or mental health issues.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Complex Midwifery Care IV	This course will provide students with the knowledge and skills to manage obstetrical emergencies and sentinel events involving the woman and/or the baby whilst providing midwifery care. The communication and interprofessional collaboration required in these situations will also be explored.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Project or Thesis V	Project or thesis on a topic approved by the Head of School. Students commencing course in sem 1 enrol in MINE7009 for sem 1 and sem 2; students commencing in sem 2 enrol in MINE7029 for sem 2 and the following sem 1.	Postgraduate Coursework	Semester 2, 2018	Mech & Mine Engineering School	2		
Introduction to Mining	Introduction to Australian mining history, mining methods & mining equipment, mine ventilation, explosives & blasting. Significant Australian mineral deposits & mines. Mining development & production terms & descriptions. Economic, social & environmental considerations. Introduction to risk management. Roles & responsibilities of a mining engineer.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		
Resource Geology & Mine Surveying	Introduction to the nature & formation of mineral deposits & coal resources. Relevance of geological factors to mining operations. Introduction to stereographic projection analysis with respect to slope stability. Laboratory examination of hand specimens. Exploration methods. Basic knowledge & practical skills in surveying principles & techniques. Surveying instrumentation & calculations with mining engineering surveying applications.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Mining Data Analytics	This course enables students to apply theoretical knowledge of statistics to resolve an applied mining data analytics project utilising advanced spreadsheet techniques. After successfully completing this course you should be able to: 1 Research a mining engineering topic as part of a team under supervision. 2 Apply statistical knowledge to a practical mining engineering case study 3 Acquire a working knowledge of spreadsheet programs to solve practical mining problems. 4 Communicate results of mining engineering studies at an appropriate level.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		

Physical & Chemical Processing of Minerals	Introduction to physical & chemical processing of minerals & recycled materials to produce metals & alloys. Processing technologies used in minerals industry, their characteristics, how & why these processes are selected & factors affecting the choice of process route. Field trip.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		
Resource Estimation	Introduction to the concepts of resource and reserve estimation in both coal and metalliferous deposits. This represents a critical component in the life cycle of a mine and provides a link between the processes of exploration geology and mine planning. Specific topics include an introduction to mine planning and feasibility studies, resource and reserve reporting using Joint Ore Reserves Committee (JORC) code, data sampling and compositing, traditional estimation techniques, geostatistics and kriging, orebody and block modelling, financial evaluation, mineral economics and cost estimation.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		
Mining Geomechanics	This course aims to provide students with the basic knowledge required to undertake geomechanical investigations and design tasks. The course consists of two main modules. 1) Deformable Materials, which covers basics of materials behaviour; stress-strain, failure criteria, stress and strain tensors. 2) Rock Mechanics including rock material and rock mass behaviours, rock mass strength and deformability, strength of discontinuities, basic rock testing, rock mass classification systems, response of rock mass to underground excavation, stress measurement, time dependant and dynamic behaviour of rocks and rock slope stability.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		
Mining Systems	This course presents a systems approach to the principles, design and application of the major surface and underground mining methods together with the associated equipment, services and infrastructure.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		
Mine Ventilation	This course is intended for undergraduate education and details the attributes, knowledge, and techniques that are required to provide a safe underground working environment through sound ventilation practice.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		

Rock Breakage	Physics of explosive & non-explosive breakage of rock, drilling techniques, properties & selection of commercial explosives, explosive charging techniques, initiation & delay systems, explosive energy, basic blast design principles & practices, blast fragmentation analysis, mine-to-mill concept, environmental management of dust, noise, fly rock, vibration, blasting legislation, safety issues & management, rock cutting with picks and discs, impact breakage, ripping, cuttability, shaft sinking, design of cutterheads & other novel forms of rock breakage.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		
Underground Mining Systems	This course aims to equip the student with in-depth knowledge and skills in the development, production and other processes involved in underground mining systems. It builds on the fundamental knowledge acquired in the Mining Systems course. This course is offered every second year, in EVEN years.	Undergraduate	Semester 2, 2018	Mech & Mine Engineering School	1		
Mineral and Coal Beneficiation	Fundamentals of mineral separation. Design, engineering, operation & control of mineral separation processes. Material storage & transport systems including conveyor belts & pumps. Tailings disposal systems.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		
Special Topics in Minerals Processing II	Special topics delivered by lecturers or by individual reading. For details, consult course coordinator.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		
Pyrometallurgy	Design of high temperature metal production technologies. Reaction equilibria, reaction kinetics & mechanisms in heterogeneous systems. Reactor design.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		
Process Mineralogy and Comminution	This course integrates geology, mineral liberation and comminution (crushing and grinding) circuit design prior to mineral separation. It provides an iimportant foundation to the study of mineral extraction techniques.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		
Mine Geotechnical Engineering	Surface Excavations - stability of slopes formed in soil & rock, stability of embankments, road design. Underground Excavations - application of rock mass classification systems & stability charts, hazard assessment, geotechnical risks, vertical development, pillar mechanics & design, excavation stability, caving geomechanics, longwall geomechanics, ground control systems & techniques, backfill design & applications, subsidence, dynamic events.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		

Mining Research Project I	Preparatory work on a mining research topic approved by the course coordinator and supervisor, based on field study and/or laboratory/library research. Students are required to undertake library skills training, submit a research proposal and annotated bibliography, and prepare a progress report that includes a review of existing literature on the project topic. Students are also required to attend special workshops designed to assist them with working through the research process and to develop the appropriate technical writing skills to communicate their findings. Students enrolled in the Mining and Geotechnical Engineering plan must choose a research topic related to geotechnical engineering.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	2		
Mining Research Project II	Completion of work on a topic approved by the supervisor and based on field study and or research. Undertake field work, experimental studies or other approved project, research or investigative studies. Analysis of results followed by conclusion and recommendations. Students are required to submit a thesis or project document that draws together the essential elements of Mining Research Project I & II.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	2		
Coal Mine Strata Control	Familiarisation with the strata management process and design techniques that are routinely utilised within the Australian underground coal industry such as: pillar mechanics & design, pillar extraction, roof and rib behaviour/reinforcement mechanisms & design, longwall geomechanics & face management and subsidence assessment & control. Detailed geotechnical evaluation and design in underground coal mines. A strong emphasis on the mechanics of the various strata control problems and the fundamental behavioural/failure mechanisms occuring within the strata and associated ground control reinforcement mechanisms.	Undergraduate	Semester 1, 2018	Mech & Mine Engineering School	1		
Metallurgical Plant Design	Integration of technical, economic, environmental, safety and social considerations into the detailed design of metallurgical production plants.	Undergraduate	Semester 2, 2018	Chemical Engineering School	1		

Flotation	Analysis of flotation banks & circuits on a size-by-size & liberation basis. Kinetics. Coagulation, flocculation & dispersion; electric double layer. Frothing. Surface chemistry of minerals; hydrophobic & hydrophilic surfaces. Adsorption from aqueous solution; mechanisms for collection, activation & depression.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		
Aqueous Solution Processing & Electrometallurgy	Chemistry & process engineering of solvent extraction & ion exchange for the concentration & purification of aqueous solutions. Fundamental aspects of electrometallurgy & its applications. Cementation & precipitation processes.	Undergraduate	Semester 1, 2018	Chemical Engineering School	1		
Incident Investigation & Analysis	(Minimum enrolment quota of 5 students.) This course is designed to provide a comprehensive understanding of the concepts and issues that provide an effective framework for incident investigation. It employs case studies to demonstrate human factors and engineering failures within safety management systems. Data collection, analysis, and synthesis techniques are introduced, as well as an understanding of the key elements required to scope and develop an effective accident investigation system.	Postgraduate Coursework	Semester 1, 2018	Sustainable Minerals Institute	1		
Research Methods for the Resources Sector	This course prepares students for undertaking and applying research within a resources sector context. Students will review all stages of the research process in order to develop a project proposal that could potentially be used to inform workplace practice or become the basis for undertaking a thesis as part of a Master degree.	Postgraduate Coursework	Semester 2, 2018	Sustainable Minerals Institute	1		
Fundamentals of Marketing	Introduction to marketing management; consumer behaviour; marketing research & segmentation; product life cycle theory; product & pricing strategies; distribution & logistics; promotional strategy including advertising & personal selling; marketing organisation, planning & control; international marketing, services marketing & marketing for not-for-profit organisations.	Postgraduate Coursework	Semester 2, 2018	Business School	2		

Strategic Branding	Marketing theory & practice emphasising management decisions; strategic marketing planning; advanced concepts in product management, pricing strategy & promotion; strategic brand management; emphasis on positioning as the core of marketing strategy; examine the strategy of company of your teams' choice as the course content is applied to the analysis of a real world business.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Consumer & Buyer Behaviour	Behavioural study of buyer behaviour, cultural & social factors, personality, learning, attitude theory, brand loyalty, diffusion of innovations, models of consumer behaviour.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Foundations of Marketing	Examines theories of markets & marketing, consumer behaviour, applications of behavioural science & basic marketing principles.	Undergraduate	Semester 1, 2018	Business School	3		
Consumer Behaviour	This course provides students with the fundamental theories and models to develop a sound understanding of consumers, their needs, desires and behaviours. Study in this course will encourage students to examine individual and group decision-making, buying experiences and the interrelationships between the individual consumer, consumption practices and lifestyle activities.	Undergraduate	Semester 1, 2018	Business School	1		
Product and Service Management	Introduction to marketing issues relating to managing products and services: market learning, new product and service development process, product/service launch, reaching viable markets, entrepreneurial marketing strategies, marketing channels and building relationships with targeted customers.	Undergraduate	Semester 2, 2018	Business School	1		
Brand Management and Strategy	Products are the lifeblood of the organisation and thus it is important for managers to understand the role of product and brand management in gaining and maintaining customer loyalty. This course is designed to develop knowledge, skills, and perspectives to support the application of managing products and developing brand strategies in the marketing area.	Undergraduate	Semester 2, 2018	Business School	1		

Marketing Analysis	This course provides students with an introduction to the analytic frameworks necessary to understand consumer and business markets. In particular, emphasis is placed on the classical models of quantitative marketing analysis. The aims of the course are for students to develop an appreciation of how marketing information can be used to explain and predict consumer behaviour, and more generally, develop an appreciation of how marketing managers can use marketing information for decision and strategy making.	Undergraduate	Semester 1, 2018	Business School	1		
Marketing Strategy	Critical evaluation of marketing principles through practical exercises & detailed analyses of real-life case studies.	Undergraduate	Semester 2, 2018	Business School	1		
Sales and Account Management	From an applied perspective, this course provides the student with a set of skills including: developing & maintaining relationships with customers/clients, developing customer strategies, communication strategies & managing self/others ethically.	Undergraduate	Semester 1, 2018	Business School	1		
Applied Market Research	Within an applied, managerial focus, the course provides the student with a set of skills in designing & undertaking marketing research, an understanding of the role of marketing research in MIS & in conceiving & implementing successful marketing programs.	Undergraduate	Semester 1, 2018	Business School	1		
Contemporary Issues in Marketing	This course introduces students to the professional scholarly literature in marketing. Through a series of lectures and guided readings, students should develop a broader appreciation of the field and its foundations, plus insights into recent developments within the field and the process of knowledge development within marketing.	Undergraduate	Semester 2, 2018	Business School	1		
Applied Market Research	Principles & techniques of marketing research as they apply in an international business context.	Undergraduate	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Commodities, Futures and Options	An introduction to the process of price risk management associated with the trading of agricultural commodities. Provides a planning framework within which price risk can be managed as well as an introduction to concepts of forward selling, futures and options trading. The project involves a simulated trading exercise. (Minimum enrolment required 8)	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		

Marketing Theory and Research I	The objective of this course is to provide Management (Honours) students with knowledge of advanced marketing theory and research. Marketing is an applied discipline that is informed by professional scholarly research in marketing and related fields (eg. psychology, economics). This course provides brief historical review of marketing theory and research, a review of influential theories in the development of marketing thought, and an overview of contemporary theories and research in marketing.	Undergraduate	Semester 1, 2018	Business School	1		
Marketing Theory & Research II	This course is about services marketing, which now forms an important field of research in marketing. It is an advanced level course that provides a broad overview of the evolution of the field and also examines key research areas. We will read and critique the scholarly literature on services marketing, including both classic as well as cutting edge articles. The format is a seminar that emphasises guided student discussion of articles.	Undergraduate	Semester 2, 2018	Business School	1		
Service Strategy	Special marketing requirements of service & not-for-profit organisations. Relevance & limitations of marketing theories & concepts, practical implications for Australian organisations. Understanding services, classifications, designing & delivering services, importance of people in organisation, quality service, managing customer service, developing strategies.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Product Strategy & Development	This course examines the new product/service development and management process and particularly focusing on the contribution of marketing. Specific areas covered include market learning, R&D and marketing interface, unique characteristics of new service development (NSD) such as co-creation , product/service launch, the role of entrepreneurial marketing strategies reaching viable markets, marketing channels and building relationships with targeted customers.	Postgraduate Coursework	Semester 2, 2018	Business School	1		

Market & Consumer Research	This course is about market and consumer research, knowledge of which fundamentally informs marketing strategy and public policy making. It is an advanced level course that overviews the market research process and provides insight into contemporary market research practices. The format is a lecture/seminar that emphasises instructor guided discussion of relevant market and consumer research practices.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Strategic Marketing Management	Effective marketing decision making is central to the evaluation, selection, and implementation of marketing strategies. This course places emphasis on the processes of marketing management and on strategic marketing decision making in particular. Further, the course is specifically designed as the capstone course within the Marketing major of the Master of Business Program.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Marketing for Social Change	This course applies a strategic social marketing approach to identify and examine wicked social problems. In practice, social marketing seeks to integrate marketing concepts, with other approaches to influence behaviour change that benefit individuals, communities and wider society for social good. Social marketing is guided by ethical principles, integrates research insight, advances theory as a lens to understand consumers and other stakeholders, and applies marketing techniques and strategies to influence social change at micro, meso and maro levels of society.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Marketing Management	This course synthesises current perspectives of marketing and communication theory and practice. Using contemporary approaches, the course aims to better inform management practice by critiquing traditional marketing management and communication practices. It will prepare students to think ethically and critically about the communication and marketing processes that occur in organisations between their internal and external stakeholder so as to forward overall organizational success in a global marketplace.	Postgraduate Coursework	Semester 1, 2018	Business School	3		

Commodities, Futures and Options	An introduction to the process of price risk management associated with the trading of agricultural commodities. Provides a planning framework within which price risk can be managed as well as an introduction to concepts of forward selling, futures and options trading. The project involves a simulated trading exercise. (Minimum enrolment required 8)	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Agribusiness Marketing	The course provides students with theoretical frameworks and practical examples that will enable them to apply contemporary approaches to marketing in agribusiness situations.	Postgraduate Coursework	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Applied Market Research	Principles and techniques of marketing research as they are applied in an agribusiness context.	Postgraduate Coursework	Semester 2, 2018	Agriculture Food Sciences Schl	1		
Molecular Targets and Imaging Probes	This unit of study explores the characteristics of molecular targets and imaging probes that are required for successful molecular imaging experiments. A molecular target should: (i) detect a fundamental feature of a pathophysiological process, (ii) be validated by neuropathology, (iii) allow detection of disease early in its time course and (vi) lend itself to measurement with a biomarker that is reliable and minimally invasive. Once a molecular target for a particular disease is identified the methodology and requirements of a molecular probe suitable for imaging that target will be described. For example, in brain studies these include: (i) the imaging probe enters the brain in sufficient quantities, (ii) is stable in vivo, (iii) has moderate lipophilicity, (vi) exhibits low uptake of metabolites in brain, (v) is retained in the brain, (vi) displays high specificity and (vii) displays low non-specific binding.On completion of this unit of study, students should be able to identify molecular targets that may be useful in studying disease processes and have a clear understanding of the properties an imaging probe should possess to enable in vivo imaging of the molecular target of interest. In addition, this unit will provide the rationale for determining whether a drug is suitable for development into an imaging probe and the isotopes and radiolabelling methodologies associated with that process.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		

Clinical Molecular Imaging	The course will cover most aspects of Molecular Imaging including optical imaging (i.e. luminescence and fluorescence), ultrasound, single photon emission tomography (SPECT), positron emission tomography (PET), computed tomography (CT), magnetic resonance imaging (MRI), magnetic resonance spectroscopy (MRS) as well as hybrid imaging technologies (i.e. PET/CT, SPECT/CT, PET/MRI, SPECT/MRI). The course will include the development of new molecular imaging probes, contrast agents and radiopharmaceuticals for Nuclear Medicine as well as the importance of quality control involved in clinical molecular imaging. This course will give an overview of the innovative clinical imaging applications in cancer, heart diseases, neurological disorders and other human conditions.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Molecular Imaging Advanced	This unit of study will build on the knowledge gained in the core courses in semester 1. It will explore molecular imaging technology in more depth and discuss realistic scenarios as they are encountered in research. Topics for discussion include the choices researchers make about suitable biological targets, radiopharmaceuticals, subjects (animal models and patient populations), molecular imaging instruments, experimental protocols and computational algorithms. Students will learn how to extract more useful information from the molecular imaging study through the use of pharmacological models and advanced methods of analysis. On completion of this unit, students will have the requisite knowledge and skills to join a multidisciplinary research team and make contributions to the experimental design and execution of a molecular imaging study.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		

Cell-labelling and tracking technologies in MR and molecular imaging	Molecular imaging in vivo has revolutionised the field of nanomedicine. Central to this technology is the ability to label, track and target specific cells in vivo. This is achieved by utilising the various molecular imaging modalities available to the clinician. In the pre-clinical sense, this includes computed tomography (CT), magnetic resonance imaging (MRI), single photon emission tomography (SPECT), positron emission tomography (PET), optical imaging (i.e. luminescence and fluorescence) and ultrasound. All of these modalities have specific advantages that can be translated into a suitable pre-clinical analysis (e.g. MRI provides exquisite spatial resolution while PET has extremely sensitive detection limits). These techniques can then be utilised to give different information regarding cell-labelling, tracking and targeting. The development of various cell labelling/targeting technologies can involve receptor binding motifs (e.g. antibodies, antibody fragments, peptides, aptamers, small molecules) that are directly attached to the imaging modality, or can be a part of a larger construct (e.g. nanomaterials). In this way, the various requirements for cell-labelling are incorporated into the one construct (e.g. receptor binding for uptake or attachment to cells, molecular imaging agent for tracking). This course will describe the various approaches used for cell-labelling in vivo, with particular emphasis on the complementary nature of each modality for application in nanomedicine.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Minor Research Project	This is a two unit research project (as part of the industry stream projects) offered as part of the Master of Molecular Imaging, which is a new proposed collaborative program between the University of Sydney (USyd), and UQ. A number of projects will be offered including literature reviews, data analysis and interpretation or, for those students with access to molecular imaging systems, data acquisitions. Students may also submit their own project for approval. This subject is provided to demonstrate the ability to work independently, as would be expected for Masters students.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		

Research Project	This is a four unit research project offered as part of the Master of Molecular Imaging Technology. The research project is carried out on routinely acquired data. Students are required to analyse previously acquired data and work under the supervision of the course coordinator. Most commonly, the research is performed by reviewing previously acquired data in the areas of molecular imaging including tomography (CT), magnetic resonance imaging (MRI), single photon emission tomography (SPECT), positron emission tomography (PET) and optical imaging (i.e. luminescence and fluorescence).	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		
MR-PET Hardware and Software Integration	This course will cover MR-PET instruments used for clinical applications. Consideration will be given to the physical structure of magnet, gradients and RF coils, as well as PET ring construction and integration into a combined MR-PET system. Calibration and general workflow considerations will be introduced to enable simultaneous acquisition of MRI and PET images.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		
Clinical Magnetic Resonance Imaging	This course will cover patient screening, preparation and common clinical MRI protocols used when imaging various parts of the human body. This course will include a compulsory one week on campus component in Brisbane.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		

Radiotracer Based Imaging	This unit of study explores the principles and methods that underpin two key molecular imaging techniques based on the radioactive tracer principle: single photon emission computed tomography (SPECT) and positron emission tomography (PET). Topics covered include the radioactive tracer principle, radioisotope production and decay, radiation transport in tissue, radiation detection, PET and SPECT instrumentation, tomographic reconstruction and an introduction to tracer kinetic modelling. On completion of this unit, students will have a thorough understanding of the imaging chain as it relates to PET and SPECT, starting with the emission of radiation in the body, leading to its external detection and, finally, a reconstructed image of the radioactive tracer distribution in the body. The factors affecting the accuracy and noise properties of molecular images will be explored. Students will also have an appreciation of how to use these imaging technologies to exploit the properties of the radioactive tracer principle and make estimates of important physiological parameters.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Pathological Correlates of Molecular Imaging	Although molecular imaging techniques are non-invasive and are performed in vivo (on the intact living body), it is common to take a tissue biopsy or post mortem sample for further analysis and comparison with the in vivo imaging findings. This unit of study will explore the techniques used to analyse such samples microscopically and how the pathology observed at the cellular level may be correlated with disease related changes observed in vivo through molecular imaging techniques. Topics covered include tissue preparation, staining techniques, light microscopy, autoradiography and pathological interpretation of tissue samples and in vivo images. On completion of this unit, students will have a good understanding of the key cellular processes and features measured by immunohistochemical staining techniques, autoradiography, and their in-vivo counterparts in molecular imaging.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		

Advanced Research Project	Research project. Students completing the course in a single semester must enrol in MOLI7200. Students completing the course over 2 semesters must enrol in MOLI7201 (start semester 1, finish semester 2) or MOLI7202 (start semester 2, finish semester 1) or MOLI7203 (start semester 2, finish summer semester) or MOLI7204 (start summer semester, finish semester 1).	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Advanced Research Project	Research project. Students completing the course in a single semester must enrol in MOLI7200. Students completing the course over 2 semesters must enrol in MOLI7201 (start semester 1, finish semester 2) or MOLI7202 (start semester 2, finish semester 1) or MOLI7203 (start semester 2, finish summer semester) or MOLI7204 (start summer semester, finish semester 1).	Postgraduate Coursework	Summer Semester, 2	Mathematics & Physics School	1		
Magnetic Resonance Instrumentation	Magnetic Resonance Instruments for clinical applications. Function & performance concepts for superconducting MRI magnets, RF & gradient coils. Spectrometer architectures. Technology implications of modern fast/advanced imaging sequences. Instrumental & patient induced artifacts & their amelioration.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
MR Safety & Monitoring	Principal hazards of MRI environment & its effects on the human body & equipment. Physiological monitoring strategies examined from the origin of signals to integration with the imaging system. Considerations in planning for MR installations are reviewed.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		
Fast Imaging Techniques	This course is intended to provide an understanding of the theoretical background and clinical applications of fast imaging, especially relating to the study of dynamic processes in the human body. Several sequences will be discussed in detail, going into the theoretical principles, advantages and disadvantages, artefacts and image optimisation. K-space undersampling, phase sharing, constrained reconstruction and parallel imaging will be discussed.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		
Vascular Imaging	Theory & implementation of MR imaging methods currently used to maximise image contrast between signal from flowing blood & stationary tissues, such as time-of-flight & phase contrast imaging.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		

Diffusion & Perfusion Imaging	Theoretical background & clinical applications of diffusion weighted (DWI) and perfusion imaging (PI). Theory includes pulse sequence design, isotropic & anisotropic diffusion processes, diffusion tensor imaging, bolus tracking of contrast agents, arterial spin tagging methods & DWI & PI image processing.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Functional Magnetic Resonance Imaging	Interrogating sensory, motor & cognitive processes with functional magnetic resonance imaging (fMRI). Neural & vascular mechanisms contributing to the fMRI signal. Procedures involved in conducting fMRI investigations. Issues in experimental design & analysis. Relevance to clinical diagnosis. Current research status.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
MagneticResonance Spectroscopy & Applications	Theory of single voxel spectroscopy & chemical shift imaging pulse sequences. Discussion of sources of artefact & their effect on interpretation. Methods for quantifying & interpreting in the clinical setting.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Minor Project	Minor research project. Literature surveys, data analysis & interpretation. For students with access to an MRI system, data acquisition.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		
Fundamental MRI of the Brain & Spine	Theoretical and practical considerations required to perform a basic MR examination of the brain and spine.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Fundamental Musculoskeletal MRI	Theoretical & practical considerations required to perform a basic musculoskeletal MR examination with particular reference to the shoulder, knee & ankle.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Independent Clinical MRI Project	Analysis of clinical MRI data obtained by the student and preparation of a report describing the advantages or problems of the methodology used.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		
Cardiac MRI - Techniques and Applications	Theoretical background and clinical applications of cardiac MRI will be addressed. Theory covered will include, optimised cardiac pulse sequence design, patient set up and anatomical imaging planes, anatomical and functional imaging and clinical applications.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		

Breast MRI	This course will provide students with a broad understanding of the use of Magnetic Resonance Imaging (MRI) to image the human breast. This course will include indications and considerations, fundamental and advanced imaging techniques, post processing, critical image evaluation and the role of complementary imaging techniques.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Advanced Research Project	Research project. Students completing the course in a single semester must enrol in MRES7018. Students completing the course over 2 semesters must enrol in MRES7019 (start semester 1, finish semester 2) or MRES7020 (start semester 2, finish semester 1) or MRES7021 (start semester 2, finish summer semester) or MRES7022 (start summer semester, finish semester 1).	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Advanced Research Project	Research project. Students completing the course in a single semester must enrol in MRES7018. Students completing the course over 2 semesters must enrol in MRES7019 (start semester 1, finish semester 2) or MRES7020 (start semester 2, finish semester 1) or MRES7021 (start semester 2, finish summer semester) or MRES7022 (start summer semester, finish semester 1).	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		
Advanced Techniques in Magnetic Resonance Imaging	Advanced Techniques in MRI aims to provide students with knowledge and expertise in emerging magnetic resonance imaging methods. Topics are selected from instrumentation to image processing to data acquisition approaches. Specifically, the four Study Modules comprising the course are in the areas of image acquisition, spectroscopy, image reconstruction and new contrast mechanisms. Assignments align with modules and they will require students to engage with selected problems from real magnetic resonance imaging applications.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Magnetic Resonance Clinical Practice 1	This course will allow students to experience three full weeks within a clinical MRI department. Students will have the opportunity to reflect on their progress throughout their clinical exposure & will research & present two clinical case studies.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		

Magnetic Resonance Imaging: Fundamentals	This unit of study explores the principles and methods that underpin Magnetic Resonance Imaging (MRI), a key molecular imaging technique. Topics covered include Physical principles of nuclear magnetic resonance (MR), underlying mechanisms of relaxation in MR and descriptions of the way in which pulse sequences are able to exploit relaxation to produce contrast. On completion of this unit, students will have a thorough understanding of the MRI methodology, and the molecular basis for endogenous contrast. The use of contrast agents to modify image contrast and target particular molecular features will be introduced. The factors affecting the accuracy and potential sources of artefact in MRI images will be explored.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		
MRI pulse sequence construction and image contrast	This program of study will all equip students with advanced theoretical knowledge and experience in the practical implementation of Magnetic Resonance Imaging (MRI) sequences as used in clinical and research settings. The building blocks of MRI methods and their manipulation to alter image contrast will be presented. These building blocks will include combinations of RF and gradient pulse segments designed to produce specific contrast and their parameterisation on MRI scanners will be described. A basic imaging sequence will be further developed during the course to introduce advanced and emerging topics, enabling students to confidently manipulate scanner parameters and generate desired MRI contrast. Modules include RF pulse calibration, shaped RF pulses, advanced Gradient-Echo based Sequences, advanced Spin-Echo based Sequences, angiography, and phase imaging. The skills and knowledge attained in this course will prepare students of the program for later courses in advanced applications of MRI and practical operation of MRI scanners within the clinical environment.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		

Advanced Instrumental Conducting	A master class performance & short conducting session. Systematic development of fundamental pedagogical concepts; critical evaluation of teaching; exploration of current literature relating to the practice of teaching a particular instrument. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Postgraduate Coursework	Semester 1, 2018	Music School	1		
Advanced Choral Conducting	Study of individual, group & large ensemble vocal pedagogy, including diction & phonetics & rehearsal techniques; study of choral literatures; peer teaching activity & performance observations. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Postgraduate Coursework	Semester 2, 2018	Music School	1		
Advanced Music Theory and Techniques	This course provides students with a thorough understanding of different theoretical concepts and their applications in Western art music, most especially in the compositional practices of the 18th and 19th centuries. Students critically engage with established and emerging analytical methodologies for advanced tonal structures in music across a broad range of solo, orchestral and choral genres. Upon completion of the course, students demonstrate fluency in the application of music-analytical tools in tonal contexts, a command of the technical vocabulary used in constructing tonal textures, and the ability to critically appraise different formal models across tonal repertoire. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Postgraduate Coursework	Semester 1, 2018	Music School	1		
Introduction to Film & Television Studies	An introduction to screen studies which explores the relationship between film and television and provides techniques for analysing screen texts, understanding the industrial and institutional history of film and television, and exploring the impact of aesthetic style, stardom, and genre on meaning and audience responses.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Film Movements & Genres	Study of major texts from national cinemas, film movements & narrative modes that have become central points of reference in contemporary screen studies. Contact hours may vary as screenings are also involved.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Australian Cinema	Introduces students to Australian cinema from the 1900s to the present day.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		

Television: Forms and Genres	Investigation of role of television within popular culture, examining television programs as texts & ways in which viewers incorporate them into their cultural practices.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Contemporary German Cinema	The course will explore major themes & trends in East & West German cinema since the 1960s. Apart from the historical & narrative context of these films, it will also look at issues of authorship, directorship, genre, gender & marginalization. Films to be screened are by prominent directors such as Fassbinder, Konrad Wolf, von Donnersmarck, Akin & Tykwer. No knowledge of German is required as all the films screened are subtitled & class discussion is in English. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Studies in Photography	This course examines the development of photography from its invention in the mid-19th century through to contemporary digital art. Using visual art theory paradigms this course considers significant photographers from across the globe and their contribution to a 21st century visual consciousness.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Film and Television History	This course provides students with a historical understanding of film and television in terms of aesthetic, technological, social, economic and industrial frameworks and their interrelationships.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Contemporary Korean Film and TV Drama Review	By viewing the films developed from 2000, the course studies the contemporary Korean films, and their representations of culture, history and ideological messages embedded in them. Students will have an opportunity to explore and gain valuable insight into the culture and language of contemporary Korean society. All films will be screened with English subtitles. Note: Course offering may be cancelled unless a minimum of 20 students enrol.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Critical Concepts in Film & Television	This course is organised around several very powerful terms for the study of film and television, including 'spectacle', 'experience', 'performance' and 'the real'. It considers how they operate separately and in various combinations both for narrative film and television and for documentary.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		

Independent Media Studies	This course is offered annually in Semester 1, Semester 2, and Summer Semester. No prescribed syllabus or formal teaching. In consultation with convenor, students devise a topic primarily for individual research. Available only for students whose previous record suggests an outstanding capacity for criticism and research. The application form is available here.	Undergraduate	Semester 1, 2018	Communication & Arts School	2		
Recent Approaches to Film and Television	This course explores recent approaches to the study of film and television as art forms. The course is designed to draw upon and build upon the gateway and cornerstone courses of the Film and Television Major and the Art History Major. We will explore the particular, formal qualities of each art form as well as the meanings and values of particular movements and works in conjunction with recent ?aesthetic? approaches in four main fields of research: art history, film studies, philosophical aesthetics, and television studies.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Introduction to Music Technology	Digital sound recording and editing, mobile and app-based music creation and performance, music type setting	Undergraduate	Semester 1, 2018	Music School	2		
Music in Society 1	Survey of Western art music from the late Renaissance to c. 1780, including knowledge of its major styles, through representative works, and understanding of its social contexts. Development of discipline specific research and writing skills.	Undergraduate	Semester 1, 2018	Music School	1		
Introduction to Musicianship	Preparatory study of techniques of Western music, through integrated writing, analysis and aural application. No previous background in music theory or history required.	Undergraduate	Semester 2, 2018	Music School	1		
Large Ensembles A	Available to non-BMus(Hons) students in internal mode, and to Year 12 students from invited secondary schools in external mode. Study of orchestral/choral repertoire, techniques & performance practice, including rehearsals & performances. Includes ensemble participation and guided repertoire study.	Undergraduate	Semester 1, 2018	Music School	2		

Large Ensembles B	Available to non-BMus students only. Study of orchestral/choral repertoire, techniques & performance practice, including rehearsals & performances. Includes ensemble participation, guided repertoire study.Students will undertake guided repertoire study of the historical and musicological contexts of the works performed and critical analysis of music theory and techniques pertinent to ensemble direction and participation.	Undergraduate	Semester 1, 2018	Music School	2		
Introduction to Guitar	The guitar is a portable and versatile instrument that can be used in a wide variety of musical genres and for a diverse repertoire, from classical to folk to contemporary popular music. This course provides an opportunity for practical study of this guitar, enabling the development of basic skills, knowledge and competencies to prepare you for future use of the instrument in diverse performance settings. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Undergraduate	Semester 2, 2018	Music School	1		
Practical Studies 1	Development of instrumental or vocal technique and awareness of stylistic and interpretative characteristics of repertory studies (including study of languages for singers). Exceptionally a student may take composition instead of an instrument or voice. Includes required ensemble participation and concert attendance.	Undergraduate	Semester 2, 2018	Music School	2		
Introduction to Music Psychology	Music psychology involves the scientific study of how people think, feel and behave in relation to music. How and why people engage with music will be explored from different fundamental psychological perspectives including perception, emotion, thought, development, learning, and social processes. Prominent themes examined through the course include music performance, music learning, and music in everyday life. You will be active in developing and co-creating knowledge through participatory experiences in music psychology research and research process.	Undergraduate	Semester 1, 2018	Music School	1		
Musicianship 1	Study of basic techniques of Western tonal music & integrated writing, analysis & aural skills components.	Undergraduate	Semester 1, 2018	Music School	1		

Introduction to Popular Music Studies: The Rock Era	Introduction to the key concepts of popular music studies. Course provides a cultural, industrial and technological history of commercial rock and popular music from the 1950s onwards.	Undergraduate	Semester 1, 2018	Music School	2		
Music Subcultures and the Media	The study of music fan cultures past and present drawing on various theories of subcultures and examining how they interact with new media and the music industry at large.	Undergraduate	Semester 1, 2018	Music School	1		
Music Technology for Live Performance	This course develops creative technical skills in performance and composition through practical activities. It focuses on using technology to realize live music and sound through techniques such as DJing, live looping, live mixing, interactive sound design, as well as creating performances with new instruments. The learning content develops technical knowledge of digital audio workstations, mobile devices, music controllers and PA equipment. Students work with Ableton Live, Push and Link technologies in practical laboratory classes and participate in the UQ iPad Ensemble. Theoretical knowledge is supported by a series of online learning and lecture modules. No prior experience in music performance is required. Students who already play an instrument will be provided with opportunities to incorporate it into course learning activities.	Undergraduate	Semester 2, 2018	Music School	1		
Music in Society 2	Survey of Western art music from c. 1780 to c. 1910, including knowledge of its major styles, through representative works, and understanding of its social contexts. Further development of discipline specific research and writing skills.	Undergraduate	Semester 2, 2018	Music School	1		
Musicianship 2	Further study of techniques of Western tonal music and integrated writing, analysis & aural skills components.	Undergraduate	Semester 2, 2018	Music School	1		
Large Ensembles C	Available to non-BMus students only. Study of orchestral/choral repertoire, techniques & performance practice, including rehearsals & performances. Includes ensemble participation, guided repertoire study. Students will undertake guided repertoire study of the historical and musicological contexts of the works performed and critical analysis of music theory and techniques pertinent to ensemble direction and participation.	Undergraduate	Semester 1, 2018	Music School	1		

Large Ensembles D	Available to non-BMus students only. Study of orchestral/choral repertoire, techniques & performance practice, including rehearsals & performances. Includes ensemble participation, guided repertoire study. Students will undertake guided repertoire study of the historical and musicological contexts of the works performed and critical analysis of music theory and techniques pertinent to ensemble direction and participation.	Undergraduate	Semester 1, 2018	Music School	2		
Chamber Music Performance	his course provides and introduction to the principles and repertoire of chamber music, including knowledge of repertoire, score reading and interpretative development skills, critical listening and awareness of group dynamics. Skills are developed through weekly rehearsals, tutorials with performance staff, participation in performance seminars, mid and end of semester performance assessments and a written portfolio of professional chamber music concert reviews and personal reflection.	Undergraduate	Semester 2, 2018	Music School	2		
Practical Studies 2	Continuing development of instrumental or vocal technique and awareness of stylistic and interpretative characteristics of repertory studies (including study of languages for singers). Exceptionally a student may take composition instead of an instrument or voice. Includes required ensemble participation and concert attendance.	Undergraduate	Semester 2, 2018	Music School	2		
Music and Human Behaviour	This course introduces students to research and theory about how music relates to human behaviour. Students will develop an understanding of the how music influences and is embedded in a range of human behaviours. The psychological, emotional, social and physical facets underpinning connections between music and human behaviour, across the lifespan, and in varied socio-cultural contexts, will be explored. In this course, lectures and assessment tasks enable students to learn through experiential activities that link learning to the real world.	Undergraduate	Semester 2, 2018	Music School	1		

Music and Health	This course provides an overview of music's role in personal health and wellbeing. Students will learn about how to use music for their own relaxation and anxiety management. Theories of music in individual and community health are presented and supported by experiential activities. Students do not need to have any musical expertise to participate in this course. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Undergraduate	Semester 1, 2018	Music School	1		
Music in Society 3	Study of Western Music from circa 1890-present in social context; study of selected representative works.	Undergraduate	Semester 1, 2018	Music School	1		
Advanced Musicianship 1	Advanced study of techniques of Western tonal music, with reference to aspects of 19th-century music, and integrated writing, analysis & aural skills components.	Undergraduate	Semester 1, 2018	Music School	1		
Advanced Musicianship 2	Applied independent learning of techniques prominent in 20th and 21st century Western art music, with integrated writing, analysis & aural skills components.	Undergraduate	Semester 2, 2018	Music School	1		
Introduction to Musical Analysis	Provides an introduction to selected concepts and methods of musical analysis. Focusing primarily on repertoire and models from the period C.1780-1970, the course is structured so that students who complete the material will be able to adapt their understandings to other repertoires. A range of creative and analytical exercises are used to develop knowledge of the material in an engaging and hands-on way. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Undergraduate	Semester 2, 2018	Music School	1		
Beyond Rock: Music in the Digital Age	Examines key stylistic, technological and industrial developments in contemporary popular music that have occurred since the late 1970s beginning with post-punk/hip-hop/MTV-driven genres. Objective assessment of the complex nature of both contemporary music and the music industry.	Undergraduate	Semester 2, 2018	Music School	1		

Music in War, Protest and Peace	Music's power and influence in human affairs spans an ethical spectrum ranging from the promotion of benevolence to the incitement of malevolence. Its role is strongly felt, yet poorly understood, partly due to the perceived barrier of music notation, not to mention its apparently self-referential structural logic, and abstract, non-representational character. This course aims to provide students, regardless of musical background, with the aural skills, musical vocabulary, and analytical tools to describe and talk about how music works both within people, and throughout societies beset by conflict. By illuminating how music affects material contexts, this course will reveal the role music has played - and continues to play - in perpetuating conflict, protesting conflict and injustice, and peacebuilding. The course revolves around close listening to diverse musical examples from history and around the globe, with related readings deepening understanding of the historical, cultural and political contexts the music arises from, interacts with, and effects change within. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Undergraduate	Semester 2, 2018	Music School	1		
Indigenous Australian Music: Indigenous music-making in Australia	This course provides students with the opportunity to learn about Indigenous Australian peoples and their music making; examine the diverse forms of Indigenous performance; and explore how Indigenous Australian performers simultaneously resist and use colonialist constructions of Aboriginal and Torres Strait Islander performance to create new and exciting forms. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Undergraduate	Semester 2, 2018	Music School	1		
Creative Music Production	This course develops intermediate skills in creative music making music using music technologies and digital audio workstations. Topics include audio and MIDI recording, editing and mixing techniques, sound design, mix automation and critical listening. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Undergraduate	Semester 1, 2018	Music School	1		

Sound Recording Practice	This course develops advanced skills in creative music making music using music technologies and digital audio workstations. Topics include audio and MIDI recording, editing and mixing techniques, sound design, mix automation and critical listening. This course also focuses on microphone techniques for recording classical musicians. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Undergraduate	Semester 2, 2018	Music School	1		
Advanced Chamber Music Performance 1	The performance of chamber music is key to the development of musical and social skills required by the profession of musical performance. This includes knowledge of repertoire, score reading and interpretative development skills, critical listening and awareness of group dynamics. Skills are developed through weekly rehearsals, tutorials with performance staff, participation in performance seminars, mid and end of semester performance assessments and a written portfolio of professional chamber music concert reviews and personal reflection.	Undergraduate	Semester 1, 2018	Music School	2		
Choral Conducting	Introductory choral & instrumental conducting skills including baton technique, music leadership skills, rehearsal methods, score reading & preparation. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Undergraduate	Semester 2, 2018	Music School	1		
Instrumental Conducting	Development of skills in instrumental conducting including baton technique, music leadership skills, rehearsal methods, score reading & preparation. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Undergraduate	Semester 1, 2018	Music School	1		
Advanced Large Ensembles A	Available to non-BMus students only. Advanced study of orchestral/choral repertoire, techniques & performance practice, including rehearsals & performances. Students will undertake guided repertoire study of the historical and musicological contexts of the works performed and critical analysis of music theory and techniques pertinent to ensemble direction and participation.	Undergraduate	Semester 1, 2018	Music School	2		

Advanced Large Ensembles B	Available to non-BMus students only. Advanced study of orchestral/choral repertoire, techniques & performance practice, including rehearsals & performances. Students will undertake guided repertoire study of the historical and musicological contexts of the works performed and critical analysis of music theory and techniques pertinent to ensemble direction and participation.	Undergraduate	Semester 1, 2018	Music School	2		
Practical Studies 3	Development of advanced instrumental or vocal technique & of high level stylistic & interpretative skills. Includes required ensemble participation & concert attendance.	Undergraduate	Semester 1, 2018	Music School	2		
Composition 3	Development of advanced composition technique, focussing on analytical as well as creative activities and involving an ongoing study of selected repertoire.	Undergraduate	Semester 1, 2018	Music School	2		
Adjunct Music Study	This course provides an opportunity for invited students to undertake study in an applied music learning environment as an adjunct to their music studies. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Undergraduate	Semester 1, 2018	Music School	2		
Advanced Large Ensembles C	Available to non-BMus students only. Advanced study of orchestral/choral repertoire, techniques & performance practice, including rehearsals & performances. Students will undertake guided repertoire study of the historical and musicological contexts of the works performed and critical analysis of music theory and techniques pertinent to ensemble direction and participation.	Undergraduate	Semester 1, 2018	Music School	2		
Advanced Large Ensembles D	Available to non-BMus students only. Advanced study of orchestral/choral repertoire, techniques & performance practice, including rehearsals & performances. Students will undertake guided repertoire study of the historical and musicological contexts of the works performed and critical analysis of music theory and techniques pertinent to ensemble direction and participation.	Undergraduate	Semester 1, 2018	Music School	2		

Music, Cognition & Development	This course aims to engage students with contemporary and seminal investigations exploring the intersections of music, cognition, and development. Key questions to be explored include: Are musical abilities innate? What are the key cognitive processes involved in perceiving, learning, and performing music? How do music and cognitive abilities interact and develop across the lifespan? How can research knowledge be applied to professional music practice? How is music used in applied situations, including artistic, educational, and therapeutic contexts? Research from fields including psychology, neuroscience, education and development will be synthesised to provide students with a theoretically integrated and structured understanding of music cognition and development from rich and diverse perspectives. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Undergraduate	Semester 2, 2018	Music School	1		
Seminar in Music History	Focuses on select strategies of scholarly writing about music.	Undergraduate	Semester 2, 2018	Music School	1		
Counterpoint	Study of techniques of Renaissance and Baroque polyphony. Associated analytical & writing exercises. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Undergraduate	Semester 1, 2018	Music School	1		
Music in Film and Television	This course is an historical overview of musical accompaniment in film and television and provides access to theoretical frameworks that have evolved within the emerging field of film and television music studies.	Undergraduate	Semester 1, 2018	Music School	1		
Songwriting	This course will encompass wide-ranging and detailed analytical methods to examine the multiplicity of styles of popular music, with particular emphasis on how knowledge of compositional elements including melody, harmony, arranging, orchestration, stylistic performance and recording technology help provide the foundation and focus of contemporary production styles and techniques.	Undergraduate	Semester 2, 2018	Music School	1		
Multi-Instrumental Pedagogy A	Development of resources & skills for Music Education, including basic keyboard & guitar skills, and experience with strings, woodwind and brass.	Undergraduate	Semester 1, 2018	Music School	1		

Multi-Instrumental Pedagogy B	Further development of resources & skills for Music Education, including woodwind and brass skills.	Undergraduate	Semester 2, 2018	Music School	1		
Music Career Skills and Entrepreneurship	This course focuses on career development, knowledge and skills that will assist students to better design and manage their futures in the music profession. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Undergraduate	Semester 1, 2018	Music School	1		
Advanced Chamber Music Performance 2	The performance of chamber music is key to the development of musical and social skills required by the profession of musical performance. This includes knowledge of repertoire, score reading and interpretative development skills, critical listening and awareness of group dynamics. Skills are developed through weekly rehearsals, tutorials with performance staff, participation in performance seminars, mid and end of semester performance assessments and a written portfolio of professional chamber music concert reviews and personal reflection.	Undergraduate	Semester 1, 2018	Music School	2		
Practical Studies 4	Development of advanced instrumental or vocal technique & of high level stylistic and interpretative skills. Includes required ensemble participation & concert attendance.	Undergraduate	Semester 1, 2018	Music School	2		
Practical Studies 4	Development of advanced instrumental or vocal technique & of high level stylistic & interpretative skills. Includes required ensemble participation & concert attendance.	Undergraduate	Semester 1, 2018	Music School	2		
Composition 4	Continued development of advanced composition technique, focussing on analytical as well as creative activities and involving an ongoing study of selected repertoire.	Undergraduate	Semester 1, 2018	Music School	2		

Music Industry Internship	This course enables students to plan, implement, and evaluate a program of professional learning in consultation with music industry professionals, in a music industry settting. Settings may include orchestras, and small to medium music/multi-arts ensembles, radio stations, music agencies, recording companies, and/or festivals and summer camps (e.g. AYO National Music Camp) . Students will spend 75 - 80 hours working on a volunteer basis in the organisation to gain valuable on-the-job skills and understandings. The range of duties will be negotiated and signed off by the student, the organisation, and the UQ academic overseeing the course. Students will plan and document their work at the organisation and reflect on and evaluate their experiences. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Undergraduate	Semester 1, 2018	Music School	3		
Music Research Methods	Guided introduction to the skills & methods of music research through individual supervision and seminar participation.	Undergraduate	Semester 1, 2018	Music School	1		
Music Thesis	Students research and write a thesis on a topic approved by the course co-ordinator. The course provides students with the opportunity to develop a focussed research project in a field appropriate to their interests and the School of Music's expertise, deploying suitable critical frameworks and research methodologies under the guidance and supervision of an academic staff member. Students obtain experience which may lead them to further research-based programs, such as the PhD.	Undergraduate	Semester 1, 2018	Music School	2		
Portfolio of Artistic Research	Students research, prepare a portfolio of artistic research, and write a critical commentary on a topic approved by the course co-ordinator. The course provides students with the opportunity to develop a focussed research project in a field appropriate to their interests and the School of Music's expertise, deploying suitable critical frameworks and research methodologies under the guidance and supervision of an academic staff member. Students obtain experience which may lead them to further research-based programs, such as the PhD.	Undergraduate	Semester 1, 2018	Music School	2		

Creative Music Making	Practical, collaborative composition and improvisation exercises to develop creative music experience in preparation for teaching secondary music.	Undergraduate	Semester 1, 2018	Music School	1		
Research Methods for the Music Professions	This course provides an introduction to applied research methods relevant to the music professions. On successful completion of the course students will demonstrate: knowledge of the principles and practices of the major paradigms in which music researchers work including epistemological and ontological issues; knowledge of a range of research designs, methods, and techniques; a capacity to critique and evaluate research designs and the outcomes of research; and, a capacity to identify ethical considerations in research.	Postgraduate Coursework	Semester 2, 2018	Music School	1		
Professional Engagement Project	Professional Engagement Project allows students to undertake a professional music project in a community or professional context in Australia or overseas. The course provides students with the opportunity to deepen their knowledge and skills in their choice of music discipline. This self-directed and flexible course allows students to (in consultation with their supervisor) establish and trial new approaches to practice, and reflect on the challenges that this presents.	Postgraduate Coursework	Semester 1, 2018	Music School	3		

Technology in Music Education	This course is designed as a practical introduction into emerging music technologies and their use by musicians and music educators, across a range of contexts, including the classroom and studio. The focus of this course is the examination of emerging approaches to the use of music technology and the completion of creative music technology projects related to the audio production, sound creation and performance. Students will learn how to compose and perform using mobile apps and tablets by participating in regular rehearsals with the UQ Touch Ensemble, the School of Music's dedicated iPad and laptop ensemble. Students will develop skills negotiating new apps and technologies and practice essential music leadership skills by devising and leading rehearsals of their music with the Touch Ensemble. Students will also participate in an intensive weekend learning how to record, mix and produce audio and MIDI through a series of practical and creative production tasks. By the end of the course students will have developed a range of creative and technical skills for creating and performing music which is applicable across professional and classroom contexts. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Postgraduate Coursework	Semester 1, 2018	Music School	1		
Composing Music: techniques and strategies for creating music	This course is designed to assist musicians extend their skills and understanding in techniques for creating music compositions, without requiring prior composing experience. Using a diverse range of techniques learned through analysis and exercises, students create a folio of original notated works to be performed in class.	Postgraduate Coursework	Semester 2, 2018	Music School	1		
Music Performance A	This course provides high-level postgraduate instrumentalists the opportunity to focus on performance skills in a variety of disciplines (solo, chamber, orchestral) and to bridge the divide between undergraduate and professional assessment and engagement.	Postgraduate Coursework	Semester 1, 2018	Music School	2		
Music Performance B	This course delivers an extension to Performance A - consolidation of professional equivalent level solo instrumental skills with a greater emphasis on collaborative music-making and instrument specific set element examination.	Postgraduate Coursework	Semester 1, 2018	Music School	2		

Contemporary Perspectives in Music Education	This course introduces students to contemporary developments in the field of music education, and provides opportunity to consider the implications for music learning and teaching in studio, community, and classroom music settings. Issues to be addressed include: creativity in music and music education, the development of expertise, instrumental performance teaching, music therapies in education settings,comparative music education, philosophy of music education, teacher identity, and formal, non-formal, and informal music learning practices. Please note that this course offering may be cancelled if fewer than 10 students enrol.	Postgraduate Coursework	Semester 1, 2018	Music School	1		
Thesis	Students research and write a thesis on a topic approved by the course co-ordinator. The course provides students with the opportunity to develop a focussed research project in a field appropriate to their interests and the School of Music's expertise, deploying suitable critical frameworks and research methodologies under the guidance and supervision of an academic staff member. Students obtain experience which may lead them to further research-based programs, such as the PhD.	Postgraduate Coursework	Semester 1, 2018	Music School	3		
Extended Thesis	Students research and write a thesis on a topic approved by the course co-ordinator. The course provides students with the opportunity to develop a focussed research project in a field appropriate to their interests and the School of Music's expertise, deploying suitable critical frameworks and research methodologies under the guidance and supervision of an academic staff member. Students obtain experience which may lead them to further research-based programs, such as the PhD.	Postgraduate Coursework	Semester 1, 2018	Music School	2		
Extended Thesis	Students research and write a thesis on a topic approved by the course co-ordinator. The course provides students with the opportunity to develop a focussed research project in a field appropriate to their interests and the School of Music's expertise, deploying suitable critical frameworks and research methodologies under the guidance and supervision of an academic staff member. Students obtain experience which may lead them to further research-based programs, such as the PhD.	Postgraduate Coursework	Semester 1, 2018	Music School	2		

Museum Context	This course will provide a critical overview of the history and formation of museums and their roles in contemporary society. It will examine the different contexts and perspectives through which museums can be understood, as institutional, civic and architectural spaces which display, study and house objects of historical, artistic, cultural, or scientific significance. The course will draw on case studies to critically explore museum practices, and issues relating to the politics of representation, the relationship between objects and meaning, museums and communities, as well as cultural rights, and the digital economy; before thinking about alternative models of museums and future challenges. The course involves a weekly lecture, as well as student presentations, and reading forums (in class and online), for which students are expected to prepare in advance for discussion.	Postgraduate Coursework	Semester 1, 2018	Social Science School	1		
Collections	This course will provide a thorough knowledge of the key theoretical and methodological principles of collections management and care in the museum profession. It will examine, through museum visits and hands -on learning, current practices and policies including: documentation and data management systems, art handling and packing, dealing with acquisitions, loans and disposal; as well as basic conservation skills and environmental monitoring, disaster and emergency planning, and seeking professional advice and managing ethical issues.	Postgraduate Coursework	Semester 1, 2018	Social Science School	1		
Museum Management	An introduction to the principles & practices of contemporary museum management. The course introduces the following issues; museums & organisational structures; ethics; governance; policy development; strategic planning & marketing; financial management; project management & personnel management.	Postgraduate Coursework	Semester 2, 2018	Social Science School	1		
Exhibiting Culture: Theory & Practice	This course examines issues relating to the role & function of exhibitions & provides practical knowledge about exhibition planning from concept through to production. It introduces students to the field of exhibition studies and draws on contemporary debates about space, representation, curatorial practice and audience engagement.	Postgraduate Coursework	Semester 2, 2018	Social Science School	1		

Case Study	This course provides the opportunity for students to apply their learned knowledge to a specific project & develop skills & expertise in particular areas of interest. Case study projects may include a ten day work placement with an industry partner, on or off campus.	Postgraduate Coursework	Semester 1, 2018	Social Science School	2		
Dissertation Museum Studies	The dissertation in museum studies provides students with the opportunity to apply & evaluate Museum Studies theory & research in a major research project.	Postgraduate Coursework	Semester 1, 2018	Social Science School	2		
Dissertation Museum Studies	The dissertation in museum studies provides students with the opportunity to apply & evaluate Museum Studies theory & research in a major research project. Full Time Students enrol in MUSM7008 Part Time Students commencing in Semester 1 enrol in MUSM7018 Part Time Students commencing in Semester 2 enrol in MUSM7028	Postgraduate Coursework	Semester 1, 2018	Social Science School	2		
Dissertation Museum Studies	The dissertation in museum studies provides students with the opportunity to apply & evaluate Museum Studies theory & research in a major research project. Full Time Students enrol in MUSM7008 Part Time Students commencing in Semester 1 enrol in MUSM7018 Part Time Students commencing in Semester 2 enrol in MUSM7028	Postgraduate Coursework	Semester 1, 2018	Social Science School	2		
Advanced Nursing Practice I	This course will assist students develop advanced knowledge of human sciences, differentiate abnormal from normal findings using advanced assessment techniques, interpret diagnostic study results, & use clinical reasoning to formulate management plans for culturally diverse individuals. Students learn to base decisions on clinical judgement, scientific evidence & client determined outcomes.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Advanced Clinical Practice I	This course will assist students develop advanced knowledge & skills related to assessment & management of people with ongoing complex & unpredictable illnesses. The impact of issues such as life span, ageing, culture & economics on patient management will be considered.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Advanced Clinical Practice 2	This course will assist students develop their own framework for advanced practice, clinical decision making & leadership in multidisciplinary teams. This framework development will assist students critically analyse their nursing practice in specialist settings. Students will learn the role & conduct of the quality audit in the practice setting.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Motor Control & Learning	Lectures and laboratory classes providing a conceptual and practical introduction to the neural mechanisms and performance characteristics of human movement production and motor learning. This course had the previous code of HMST2530 which can be viewed in the archived area within the Course and Program site http://www.uq.edu.au/study/archive/index.html	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Molecular & Cellular Neuroscience	Introduces aspects of molecular & cellular neuroscience through lectures tutorials, presentations & SDLs. Part 1 will provide the basic information & Part 2 will place this information in the context of current developments in molecular neuroscience & neurochemistry.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
The Integrated Brain	Lectures & seminars illustrating how brain systems work in an integrated fashion to extract high level sensory information, plan & control movement, form memories, cope with emotional & physical stress, & adapt to drugs of addiction.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Neuromechanical Basis of Human Movement	Students will be introduced to advanced concepts in biomechanics and motor control (neuromechanics). Issues concerning i) muscle, tendon and muscle architecture, ii) motion analysis, iii) reflex pathways and excitability, iv) postural control and v) neural plasticity and motor learning will be covered in three modules. Lectures, demonstrations, laboratory sessions and prescribed readings will be used to facilitate learning within the course.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Professional Practice 1	This course introduces foundational knowledge and skills related to providing safe and high quality care in a person centred environment. This will involve developing a professional identity and sense of self as a professional nurse or midwife, developing safe clinical skills and therapeutic communication skills and developing beginner clinical decision-making skills. Students also begin to develop skills in using evidence to inform practice. The course integrates theory related to professional practice and beginning clinical skills using flipped classroom approaches. Theoretical learning activities are aimed at integrating students' understanding of some of the social and cultural influences on health and healthcare and professional, legal and ethical responsibilities as a beginning practitioner. Clinical learning activities are related to developing safe foundation skills, applied in parallel to the above theoretical concepts. The course content will be delivered over a 13 week period, utilising flipped classroom teaching approaches in clinical workshops, theoretical workshop sessions, online learning activities and self-directed learning.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Mental Health	This course addresses one of the National Health Priority areas and is designed to introduce students to knowledge, skills and attitudes related to mental health, mental illness across the lifespan and integrating physical and psychosocial care from a nursing/midwifery perspective. Using an evidence-based approach, the course will focus on developing an understanding of common mental health issues, mental health assessment, intervention and relapse prevention, models of care and legal and ethical issues. Students will consolidate learning with regard to positive images about mental health recovery and the application of interpersonal skills in preparation for clinical placement in a mental health setting. The specific needs of Aboriginal and Torres Strait Islander people, people from culturally and linguistically diverse backgrounds, LGBTI (lesbian, gay, bisexual, transgender and intersex) populations and mothers and families during the perinatal period will be considered in the course.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Clinical Practice 1	Preceptored clinical experiences to give students an opportunity to apply the theoretical concepts learned in foundations of nursing practice & the interpersonal, clinical assessment & clinical intervention skills learned in the weekly clinical skills sessions. The focus is to develop basic nursing care in a community, aged care & acute settings.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Cardiovascular Health	NURS1005 introduces students to: anatomy, physiology & pathophysiology of the cardiovascular system and lymphatic systems; Nursing care of an adult with coronary artery disease who has developed acute myocardial infarct, and congestive heart failure, including associated pharmacological management; Legal and ethical issues associated with informed consent for adults and the legal and safe administration of pharmacological medications in relation to the case scenario; Prevalence and risk factors for cardiovascular related health issues, including cultural and socio-demographic factors, and the health education and promotional strategies that target risk factors.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Respiratory Health	NURS1006 introduces students to: anatomy, physiology & pathophysiology of the respiratory system; Nursing care of adults with asthma and chronic obstructive pulmonary disease (COPD), who have developed acute respiratory infections, including associated pharmacological management; Legal and ethical issues associated with informed consent for adults and the legal and safe administration of pharmacological medications in relation to the case scenario; Environmental health legislation related to smoking in public places and the marketing of tobacco; Prevalence and risk factors for respiratory related health issues, including cultural and socio-demographic factors, and the health education and promotional strategies that target risk factors.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Musculo-skeletal Health	NURS1007 introduces students to: anatomy, physiology & pathophysiology of the musculo-skeletal and integumentary systems; Nursing care of a minor who has sustained a musculo-skeletal injury, including associated pharmacological management, wound management and family centred care; Legal and ethical issues associated with informed consent of minors, and the legal and safe administration of pharmacological medications in relation to the case scenario; Prevalence and risk factors for musculoskeletal related health issues including cultural and socio-demographic factors, and the health education and promotional strategies that target risk factors.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Clinical Practice 2	Application of the theoretical concepts learned in foundations of nursing practice & the interpersonal, clinical assessment & clinical intervention skills learned in the weekly clinical skills sessions. This course builds on the knowledge & skills gained in Clinical Practice 1. The focus of the clinical practice is basic nursing care in a community, aged care & acute setting & appreciation of a registered nurse's role in promoting healthy lifestyles.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Health Across the Lifespan	This course introduces students to the psychosocial concepts of health, wellness and illness across the lifespan and the nurse's role in wellness promotion and population screening. Stages of the lifespan trajectory are introduced using a variety of theoretical frameworks that underpin transition, adaptation and resilience across the human lifespan. Students will identify how biopsychosocial and cultural factors influence lifespan development and how values, beliefs and attitudes affect perceptions of health and illness behaviours. Age and culturally appropriate communication strategies are pivotal to providing nursing care across the lifespan. Principles of communication will be woven throughout the course content. Public health policy and population screening strategies will be explored with students identifying fiscal limitations including sensitivity and specificity of screening and opportunities for health promotion. Students will develop theoretical understanding and health assessment skills focused on systems associated with reproduction, neurology and musculoskeletal across the life span.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Clinical Nursing Practice 1	Students will undertake 120 hours of clinical experiences comprised of 2 blocks: 40 hours observational practice and 80 hours immersive nursing practice. These two placement blocks will provide an opportunity to apply the professional practice concepts and foundational nursing knowledge and skills that you have been learning to ensure safe practice. The observational practice block will enable you to experience first-hand the role of the registered nurse working within an interdisciplinary healthcare team. During the immersive practice block you will develop skills in individualising nursing care for older adults in community, residential aged care or acute clinical settings. Students will apply a person-centred and evidence informed approach to interventions including clinical assessment, assistance with activities of daily living, and therapeutic and professional communication.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Older Adults' Health	In this course students will explore principles related to promoting, maintaining and restoring the health of older adults using a biographical approach to care planning. The course will develop students' understanding of theoretical knowledge underpinning caring for older adults across a range of healthcare and community settings, and will develop clinical skills appropriate to caring for older adults, building on skills learned in semester one. Adopting a healthy ageing model, students will explore the physical, psychological and sociological theories of ageing. Students will develop knowledge around healthy ageing, common health issues for older adults and preventive strategies. They will examine the role of the registered nurse as a member of an interprofessional team, in supporting older adults and their significant others. Learning extends to legal and ethical principles associated with caring for older adults. Learning activities are aimed at developing and integrating students' theoretical understanding of older adults' health with the practical knowledge inherent in working with older adults and their significant others. The course content will be delivered over a 13 week period, utilising flipped classroom teaching approaches in clinical workshops, theoretical workshop sessions, online learning activities and self-directed learning.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Clinical Nursing Practice 2	Students will undertake 120 hours (B Nursing) / 160 hours (B Nursing/B Midwifery) of supervised clinical experience in an integrated placement model. There is an equal emphasis on practice elements and theoretical understanding, therefore the scheduling of learning activities enables clinical placement shifts to be interspersed with on campus classes including simulated clinical skills development; workshops and lectures. In this mode, students are exposed to increasingly complex professional practice concepts which are initially learnt in a controlled environment of the classroom and then translated under direct Registered Nurse supervision in the clinical practice setting. Students will apply a person-centred and evidence informed approach to interventions including medication administration; cardiovascular and respiratory health assessment; wound care principles and practice; documentation and legal and ethical practices in healthcare delivery. Clinical Practice 2 further develops the beginning level clinical decision making knowledge and skills introduced in previous courses. Students will extend the existing scope of practice informed by the Nursing and Midwifery Board of Australia (NMBA) Registered Nurse Standards for Practice.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Nutritional & Metabolic Health	Students will learn issues associated with the nursing management of persons with diabetes, relevant pharmacology treatment & strategies in coping with change & loss. Students will explore significant social issues & management problems as they learn how self-care behaviours can influence health outcomes. Students will learn the prevalence & risk factors for diabetes mellitus [type I & II], potential health related problems as a result of the condition, health education for individuals & health promotion strategies for communities to prevent diabetes.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Immunological Health	Students will learn issues associated with the nursing management of persons with breast cancer, relevant pharmacology treatment & strategies to assist individuals & families cope with change, loss & grief and terminal illness. The problem will introduce students to significant social issues & a range of measures in developing a pain management plan & complex wound management. Health education for individuals & health promotion strategies [including screening] for communities to prevent a range of cancers are discussed.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Neuro-endocrine Health	Student will learn about the pathology of vascular lesions, haemorrhage and cerebral infarction. Students will learn issues associated with the nursing management of a person with these conditions and re-visit the ethical obligations and legal issues in relation to caring for a non-competent adult. The role of registered nurses and other members of the health care team in assessing functional capacity and in rehabilitation will be discussed. Students will learn the incidence and risk factors for hypertension & cerebrovascular accident identified by population based studies.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Clinical Practice 3	This is the 3rd of 6 courses with the overall aim of developing the Registered Nurse standards for practice in students, in addition to students displaying UQ graduate attributes in their practice. During the preceptored clinical experiences, students will have an opportunity to apply the theoretical concepts learned in foundations of nursing practice & the interpersonal, clinical assessment & clinical intervention skills learned in the weekly clinical skills sessions. The focus will be nursing care in a Community, Aged Care, Acute Care or Mental Health practice setting & appreciation of a registered nurse's role in managing complex health problems based on national health priority areas.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Mental Health	Students will learn about the psychological & social pathology that flows from disordered family dynamics. Students will learn the principles of pharmacokinetics & the clincial management of an overdose. The legal & ethical issues associated with reporting domestic violence &/or abuse & providing nursing care to individuals with mental health problems will be covered. Students will learn the prevalence & risk factors for major mental health problems & learn about health education for individuals & health promotion strategies for communities to prevent these problems.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Injury Prevention	Students will learn issues associated with the nursing management of the person with multiple traumas. The legal & ethical issues associated with duty of care for health professionals in general & in dealing with emergencies will be covered. The social, health & economic impact of alcohol on the community will be covered. Students will learn about the global burden of morbidity & mortality due to injury & why this is an Australian national health priority area & injury prevention is of global concern.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Healthy Ageing	The major health & social problems associated with ageing will be covered. Students will re-visit the rights of the older person in relation to health care & the ethical & legal issues in relation to care of a person with dementia. Students will learn about the range of care provided for the elderly & disabled in the community including informal care in the family & the impact of caring for the elderly & disabled on the health & lives of the carers.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Clinical Practice 4	This is the 4th of 6 courses with the overall aim of developing the Australian National Nursing Competency Standards for Registered Nurses in students, in addition to students displaying UQ graduate attributes in their practice. During the preceptored clinical experiences in this course students have an opportunity to apply the theoretical concepts learned in foundations of nursing practice and the interpersonal, clinical assessment and clinical intervention skills learned in the weekly clinical skills sessions. The focus of this course will be nursing care in Community, Aged Care or Acute Care practice setting & appreciation of a registered nurse's role in dealing with major national and global health challenges.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Acute Care Nursing	The aim of the course is to continue to develop students' foundational knowledge and skills related to professional nursing practice. The course will examine concepts related to delivering safe patient and person focused care to adults experiencing acute health care needs. The National Health priority Areas will guide the course structure. The course is a companion course to NURS2103 Clinical Practice 3 and builds on evidence-based practice approaches to delivering care to people with acute health care needs. There is an expectation that students continue to reflect on how their practice meets the NMBA Registered Nurse Standards for Practice. Students will have the opportunity through clinical simulation laboratory workshops to further their application of the person centred approach to nursing care. Students will consider the application of theoretical underpinnings as they practice extended clinical assessment skills, and learn nursing interventions including intravenous fluid and medication management; perioperative care; and mental health nursing care. The course content will be delivered over a 13 week period, utilising flipped classroom teaching approaches in clinical workshops, theoretical workshop sessions, online learning activities and self-directed learning.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Clinical Nursing Practice 3	Students will undertake 120 hours of supervised clinical experience. Clinical practice experience is by integrated and block model placement, depending on the nature of the clinical environment. There is an equal emphasis on practice elements and theoretical understanding, therefore the scheduling of learning activities enables clinical placement shifts to be interspersed with on campus classes in the companion course NURS2012 Nursing in Acute Care Environments. Students are exposed to increasingly complex professional practice concepts under direct Registered Nurse supervision in the clinical practice setting. The educational focus of Semester 1, Year 2 is on developing theoretical and clinical knowledge and skills to provide care in a range of acute and non-acute environments including inpatient, community and residential aged care practice settings. There are 4 courses that run concurrently in the Bachelor of Nursing program.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Child & Family Nursing	The aim of the course is to introduce students to caring for children in partnership with their families. The course will encompass health care concepts relevant to newborns and children through to adolescents. Course content will span physiological changes across childhood, milestone development, health promotion strategies, public health screening, illness and injury prevention and acute care through to chronic illness in children. Social concepts and theories of family will also be explored. The course will examine concepts related to delivering safe child and family centred care in both acute care environments and in the community including the home. The National Health priority Areas will guide the course structure. The course is interwoven with Clinical Practice 4 to build on evidence-based practice approaches to delivering care to children and their families with acute and chronic health needs. There is an expectation that students continue to reflect on how their practice meets the NMBA Registered Nurse Standards for Practice. This course is a companion course for NURS2106 Clinical Practice 4.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Managing Chronic Health Issues	The aim of this course is to provide students with opportunities to explore the nature and lived experience of individuals who have chronic issues. A key tenet of this this course is the centrality of the individual and their support systems, including families, and the registered nurse's role in supporting these people. The course is situated in a primary healthcare framework and enables students to develop their theoretical knowledge and skills around health promotion, prevention, early intervention and the promotion of self-management in the context of chronic conditions. In addition, students will explore care planning, interprofessional teamwork, rehabilitative care and palliative care. The course content will be delivered over a 13 week period, utilising flipped classroom teaching approaches in clinical workshops, theoretical workshop sessions, online learning activities and self-directed learning.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Clinical Nursing Practice 4	Students will undertake 120 hours of supervised clinical experience in an integrated placement model. During the second year, an integrated placement will be used for students to engage with clinical practice experience. There is an equal emphasis on practice elements and theoretical understanding. Students are exposed to increasingly complex professional practice concepts under direct registered nurse supervision in the clinical practice setting. The educational focus of Semester 2 is care of individuals with complex and/or chronic conditions across the lifespan and the social context of care. Students build on foundation skills to implement and evaluate a range of nursing care responsibilities. There are 4 courses that run concurrently in the Bachelor of Nursing program. The courses provide complementary content to assist the learner to integrate theoretical and practice knowledge for application in the clinical setting.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Clinical Practice 5	This course is the 5th of 6 courses with the aim of developing the Nursing and Midwifery Board of Australia National Competency Standards for registered nursing students, in addition to students displaying UQ graduate attributes in their practice. During the preceptored clinical experiences students should have an opportunity to apply the theoretical concepts learned in foundations of nursing practice in the previous 4 semesters as well as revise previously learned skills with either their clinical lecturer or their preceptor & will develop new skills as the opportunity arises in their practice setting. The focus will be nursing care in Community, Aged Care, Acute Care, Rural, Palliative, Indigenous, Paediatrics or Mental Health practice settings & appreciation of a registered nurse's role in a selected nursing practice area. NB. Enrolment in this course in Summer Semester is by departmental consent - contact the School of Nursing, Midwifery and Social Work for permission.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Clinical Practice 6	This is the final clinical course of the program with the aim of developing the Nursing and Midwifery Board of Australia National Competency Standards for registered nursing students, in addition to students displaying UQ graduate attributes in their practice. During the preceptored clinical experiences students should have an opportunity to apply the theoretical concepts learned in foundations of nursing practice previously studied. Students should be able to build on the knowledge & the interpersonal clinical assessment & clinical intervention skills learned in the weekly clinical skills sessions and on clinical as part of Clinical Practice courses. Students will have the opportunity to revise previously learned skills with either their clinical lecturer or their preceptor & will develop new skills as the opportunity arises in their practice setting. The focus will be nursing care in either an Acute Care, Aged Care, Mental Health, Indigenous Health, Rural Health, Public Health or Community practice setting & developing the confidence to make the transition from student to registered nurse. NB. Enrolment in this course in Summer Semester is by departmental consent - contact the School of Nursing, Midwifery and Social Work for permission.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	2		

Extending Nursing Practice	This course introduces students to the role of first level practitioner in a specialty practice area with the aim of developing the registered nurse standards for practice, in addition to students displaying UQ graduate attributes in their practice. The course aims to develop in graduates an awareness & understanding of health issues, cultural values & diversity pertinent to the nursing speciality area. Students should have an opportunity to apply & build upon the theoretical concepts learned in foundations of nursing practice in previous semesters & in their concurrent clinical practice course. The legal & ethical issues associated with providing care for patients with health issues in the specialty practice area will be covered. Students will learn the prevalence & risk factors for a range of health issues identified by population based studies & will learn about strategies which may be implemented by communities to promote the health of individuals. NB. Enrolment in this course in Summer Semester is by departmental consent - contact the School of Nursing, Midwifery and Social Work for permission.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Research Project	This course will provide students with the skills to develop & explore a critical issue within their advanced practice roles. Students will identify a question related to the demands of expanded clinical practice & critically address this through a systematic review of the literature relevant to their question.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Nurse Practitioner Professional Development of Provided Care	The Nurse Practitioner (NP) candidate will identify and propose solutions for practice problems or gaps in quality care in a specialist area of nursing practice. They will gain a high level of knowledge, and increased confidence and competence, in their specialist field of study. During the course the candidates will also study the history of the profession NP and relevant legislation.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Foundations of Mental Health Nursing Practice	The course is designed to provide students with a solid grounding in the theories, legislation, policies and standards that underpin mental health nursing practice. Students will also gain an understanding of the core skills necessary for safe nursing practice, including mental state examination, the assessment and management of risk, communication skills and gaining familiarity with the medications used in mental health care. This course seeks to assist nurses working in the mental health sector to develop their knowledge and understanding of the factors that govern the scope and practice of mental health nurses. Students will examine the role of the mental health nurse in the context of current service delivery models and explore how the scientific evidence supports such a role.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Mental Health Nursing Practice	This course is designed to provide students with an advanced understanding of mental health conditions and their treatment from a nursing perspective. Students will learn the prevelance and risk factors for a range of mental health conditions identified in population based studies. They will explore the role of the mental health nurse in the treatment of the more common conditions experienced and examine the efficacy and effectiveness of a range of treatment options including Motivational Interviewing, Narrative Therapy, Cognitive Behaviour Therapy and Dialectical Behaviour Therapy. Students will also gain knowledge of group dynamics and acquire skills in leading small and large groups within a therapeutic context.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Application of Specialist Mental Health Nursing Skills in Mental Health Practice A	This course provides the students with the opportunity to develop specialist mental health nursing skills for application in a mental health service setting with supervision from an experienced practitioner. The focus is on the acquisition of skills relevant to speciality practice. Students will apply and build upon the theoretical concepts learned in the foundations of mental health nursing and mental health nursing practice in previous semesters. Students undertake 200 hours of mental health nursing practice. Other activities appropriate for this course include observation of the practice of more experienced mental health nurses, participation in team meetings , individual or group supervision or other clinical case discussions and record keeping. All practice hours are undertaken under an approved supervisory arrangement. The full 200 hours or some proportion thereof may be undertaken in the student's own workplace, subject to access to appropriate practicum experience and suitable supervision arrangements.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Application of Specialist Mental Health Nursing Skills in Mental Health Practice B	This course provides students with the opportunity to develop specialist mental health nursing skills for application in a mental health service setting with supervision from an experienced practitioner . The focus is on the acquisition of skills relevant to speciality practice. Students will apply and build upon the theoretical concepts learned in the foundations of mental health nursing and mental health nursing practice in previous semesters. Students undertake 200 hours of mental health nursing practice. Other activities appropriate for this course include observation of the practice of more experienced mental health nurses, participation in team meetings, individual or group supervision or other clinical case discussions and record keeping. All practice hours are undertaken under an approved supervisory arrangement. The full 200 hours or some proportion thereof may be undertaken in the student's own workplace, subject to access to appropriate practicum experience and suitable supervision arrangements.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Mental Health Nursing Practice with Special Populations	This course provides students with the opportunity to develop specialist knowledge and skills for application in mental health nursing practice. The focus is on the acquision of knowledge and skills relevant to clinical practice. The course prepares students for role of advanced level practitioner in a specialty practice area - for example, child and youth, adult, older persons, forensic. Students will apply and build upon the theoretical concepts learned in the foundations of mental health nursing and mental health nursing practice in previous semesters and in their concurrent clinical practice course.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Early Lifespan Nursing	This course explores nursing concerns related to early lifespan covering normal development from birth to young adulthood and including issues arising from legal, ethical, social and public policy related to this phase.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Middle Lifespan Nursing	Students will learn about issues associated with the nursing management of adults with acute and chronic disorders (using diabetes, and cancer as the examples) including relevant pharmacology treatment & strategies in coping with change & loss. Students will explore significant social issues & management problems as they learn how self-care behaviours can influence health outcomes. Students will learn about the prevalence & risk factors for diabetes mellitus, and for various cancers, potential health related problems as a result of these conditions, health education for individuals & health promotion strategies for communities to prevent diabetes, and cancer. The problems will introduce students to significant social issues & a range of measures in developing a pain management plan & complex wound management.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Adult & Elder Nursing	Students will learn of later life physical and psychological development and healthy ageing. Knowledge of the major health and social issues associated with ageing will be explored in relation to how nursing management is affected. Students will learn about homeostasis, optimising defences against infection and issues associated with antibiotic use using practice problems. Using practice problems involving elderly people with multiple health problems, the course will cover social and health care delivery implications when caring for ageing populations in Australia. Students will explore: nursing care; the rights of the older person; the ethical and legal issues relating to the non-competent adult; as well as the range of care provided for the elderly in all care settings, including informal care in the family. Strategies to minimise impact on the health of carers, the prevalence and risk factors for ageing related health problems and strategies to prevent these problems will also be explored.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Clinical Nursing Practice 1	This course is the first of four clinical courses in the Master of Nursing Studies which has the overall aim of developing students' competency in relation to the Australian National Competency Standards for the Registered Nurse. In addition students are expected to incorporate and display UQ graduate attributes in their practice. During the preceptored clinical experiences, students will have an opportunity to apply theoretical concepts and the interpersonal, clinical assessment and clinical intervention skills learnt in the weekly clinical skills sessions in this course. The focus of the clinical practice is to develop basic nursing care.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Cardiovascular & Respiratory Nursing	Students will learn the anatomy, physiology and pathophysiology of the cardiovascular and respiratory systems using practice problems involving acute and chronic cardiac and respiratory conditions, in the acute care and community setting. Students will learn the prevalence and risk factors for cardiovascular and respiratory problems identified by population based studies and learn about health education for individuals and health promotion strategies for communities to prevent these problems. Issues associated with the nursing management of these people, including pharmacology and other treatments and strategies to assist individuals and families cope with change and loss.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Musculoskeletal Health & Injury Prevention	Practice problems involving injury and multiple trauma provides the context for learning anatomy, physiology & pathophysiology of the musculo-skeletal system. Issues associated with nursing management, including complex resuscitation, and the legal & ethical issues associated with informed consent for all ages and duty of care, will be covered. The social, health & economic impact of alcohol misuse on the community will also be covered. Students will learn about the prevalence & risk factors for musculoskeletal related health problems identified by population based studies & the global burden of morbidity & mortality due to injury. Health education for individuals & health promotion strategies for communities to prevent these problems will be explored. NB. Enrolment in this course in Summer Semester is by departmental consent - contact the School of Nursing, Midwifery and Social Work for permission.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	2		

Neuroendocrine & MH Nursing	Students will learn about the incidence, risk factors and pathology of hypertension and stroke, as well as nursing and other health professional roles in assessing functional capacity and in rehabilitation. Students will also be introduced to mental health conditions including issues associated with nursing management of clients with these conditions, the principles of pharmacokinetics and the management of a drug overdose. The legal and ethical issues associated with reporting domestic violence and/or abuse and providing nursing care to individuals with mental health problems will be covered. The prevalence and risk factors for major mental health problems and health education for individuals and health promotion strategies for communities to prevent these problems will be explored.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Clinical Nursing Practice 2	This course is the second of four clinical courses with the overall aim of developing the Australian National Nursing Competency Standards for Registered Nurses in students, in addition to students displaying UQ graduate attributes in their practice. During the preceptored clinical experiences in this course students will have an opportunity to apply the theoretical concepts learned in the theoretical courses being studied in this and the previous semester, and the interpersonal, clinical assessment and clinical intervention skills learned in the weekly clinical skills sessions planned in this course. The focus of the clinical practice is to develop basic nursing care skills in community, mental health and acute settings.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Clinical Nursing Practice 3: Translating research into practice	This course is the third of four clinical courses in the Master of Nursing Studies which has the overall aim of developing students' competency in relation to the Australian National Competency Standards for the Registered Nurse. In addition students are expected to incorporate and display UQ graduate attributes in their practice. During the preceptored clinical experiences in this course students will have an opportunity to apply the theoretical concepts learned in foundations of nursing practice in the previous two semester of the program, and to explore how research is best translated into practice. Students will be able to build on the knowledge and the interpersonal, clinical assessment and clinical intervention skills learned in the weekly clinical skills sessions in Clinical Nursing Practice 1 and 2. Students will have the opportunity to revise previously learned skills with either their clinical lecturer or their preceptor and will develop new skills as the opportunity arises. NB. Enrolment in this course in Summer Semester is by departmental consent - contact the School of Nursing, Midwifery and Social Work for permission.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	2		
Clinical Nursing Practice 4	This course is the final course of the Master of Nursing Studies which has the overall aim of developing students' competency in relation to the Australian National Competency Standards for the Registered Nurse. In addition students are expected to incorporate and display UQ graduate attributes in their practice. During the preceptored clinical experiences in this course students will have an opportunity to apply the theoretical concepts learned in the foundations of nursing practice in the first year of the program and in their elective clinical placement. Students will be able to build on the knowledge and the interpersonal, clinical assessment and clinical intervention skills learned in the weekly clinical skills sessions planned in Clinical Practice 1 and 2, and in their elective clincial placement. Students will have the opportunity to revise previously learned skills with either their clinical lecturer or their preceptor and will develop new skills as the opportunity arises in their practice setting.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	2		

Introduction to Contemporary Nursing Practice and Health	In this course students will be introduced to contemporary nursing practice and the Australian health care system. Students will have the opportunity to examine the nature and breadth of nursing and the underpinning concepts of nursing theory and research. The basic principles of reflective practice and the legal and ethical issues inherent in nursing care will be explored. Students will also examine the concepts of collaborative and autonomous care of individuals of all ages, families, groups and communities, sick or well in the Australian health care setting.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Introduction to Indigenous History, Culture and Health	In this course students will examine the social contexts of health and develop an awareness and understanding of indigenous history, cultural values and diversity. Students will acquire knowledge of the prevalence and risk factors for a range of indigenous health issues identified by population based studies and learn about strategies which may be implemented by communities to promote the health of indigenous people. The legal and ethical issues associated with providing care for indigenous people with health issues are also addressed.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Health Assessment Skills for Specialist Nursing Practice	This is the first course in a specialty field of study that will assist students to enhance their health assessment skills; evaluate the impact of specific health related issues on the individual or family; and to undertake comprehensive clinical health assessments relevant to their area of specialty nursing practice. This course may not be offered internally if the enrolment is less than 8 students.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Specialist Nursing Practice & Models of Care	This online course focuses on the theoretical and philosophical models of nursing practice and their relevance to specified areas of nursing practice. This second specialist nursing course will assist the student to formulate plans of care for individuals/families within their respective area of specialty practice that are constructed using theoretical principles and research findings. Critical thinking, reflective practice and other related concepts and how they inform nursing practice will be examined. This course may not be offered internally if the enrolment is less than 8 students.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Contemporary Specialist Nursing Practice	During this online course the student will analyse the role of nursing practice and the profession within the global context; evaluate the impact of current political, economic, and socio cultural influences on nursing; and critique contemporary nursing practice and health within their specific contexts of practice. Regulation, education and practice and other professional concepts analysed and their impact at local, national and international levels evaluated. This course may not be offered internally if the enrolment is less than 8 students.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Advanced Specialist Nursing Practice	This course consists of a clinical practicum which provides opportunities for the student to apply advanced knowledge and skills in the relevant specialty; to reflect and critically evaluate their own practice and to propose alternate nursing frameworks for their area of specialty nursing practice. This course may not be offered internally if the enrolment is less than 8 students.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Contemporary Nursing of Children & Young People	This course introduces students to the theoretical knowledge and clinical skills required of the nurse working with children & young people in contemporary healthcare settings. The overall aim is to develop knowledge and skills in relation to the national health priorities relating to children & young people. The course aims to develop in Registered Nurses a deeper understanding of primary health care needs, and physical, psychosocial needs in relation to those national health priorities. The legal & ethical associated with providing care for children & their families from diverse cultural backgrounds within Australia will also be considered. Students will evaluate strategies which may be implemented in a community &/or acute setting, including school based child & youth health settings and, paediatric & child health services.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Working in Partnership with Families	The overall aim of this course is to develop knowledge and skills in relation to families and how to communicate effectively with family members through the partnerships approach. Students will discover the diversity of contemporary Australian families and the cultural and psychosocial impacts that can effect family functioning. Students will also relate these implications to the practice standards of their specialty healthcare roles. The course aims to develop in healthcare professionals and workers an awareness & understanding of primary health care needs, physical, psychosocial needs in relation to families and family functioning. Students will consider positive and negative impacts on family functioning and learn how they can advocate and assist families to make the best decisions using the partnerships model of communication.`	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Foundations of Chronic Disease Management and Palliative Care	This course will introduce the student to the field of chronic disease management and palliative care, from both international and national perspectives. The focus in on gaining knowledge of the principles and models of care in this field of study. The course prepares students for the practice of advanced nursing in the field of chronic disease management and palliative care, and lays the foundation for further study in this field.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	2		
Introduction to Nursing Practice in Chronic Disease Management and Palliative Care	This course will introduce the student to the principles of symptom management in people with chronic disease and/or life-limiting illness (LLI). The focus is on gaining knowledge of the nursing care of pain and other common symptoms in this field of study. Students will examine the process of self-management by people with chronic disease and the development of care plans for people with life-limiting illness. The course prepares students for the practice of advanced nursing in the field of chronic disease management and palliative care, and lays the foundation for further study in this field.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Complex Supportive Care in Chronic Disease Management and Palliative Care	This course will introduce the student to the concepts of the therapeutic relationship and collaborative practice applied to the complex supportive care of people with chronic disease and/or life-limiting illness (LLI). The focus includes holistic clinical assessment of the person and their family and carers. The course prepares students for the practice of advanced nursing in the field of chronic disease management and palliative care.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Clinical Practice in Chronic Disease Management & Palliative Care	This course provides students with the opportunity to apply their learning from previous courses in this field of study. The focus is on the acquisition of knowledge and skills relevant to clinical practice. The course prepares students for the practice of advanced nursing in the field of chronic disease management and palliative care. Students should undertake this course in their usual clinical practice setting. Students will apply and build upon the theoretical concepts learned in previous and/or concurrent courses.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Rural and Remote Nursing: High Acuity Practice	This course is designed to further develop the student's knowledge and management of specific health issues prevalent in rural and remote communities and the nursing approach required to provide care. The management of selectied high acuity health issues, including but not limited to, medical emergencies, chronic disease, palliative care, children's and Indigenous health will be explored. The legislative, legal and ethical constructs governing advanced nursing practice are also investigated along with professional and contemporary issues.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Rural and Remote Nursing: Clinical Practice	This practice-based course has been designed to enable the student to consolidate learned concepts and apply theoretical underpinnings covered in NURS7500, NURS7501 & NURS7502 to professional nursing practice.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Foundations of Primary Health Care Nursing	This course will assist students develop advanced skills in primary health care activities such as health promotion and prevention. Areas such as screening strategies, smoking cessation, nutrition and healthy eating, alcohol management and physical exercise advice and management will be covered. In addition, students will learn to apply the principles of health teaching and adult learning to health promotion.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Primary Health Care, Nursing, Policy, Politics & Economics	This course will assist students develop skills in exploring the role of nursing in the health care system and in health policy development and political processes, with particular reference to primary health care settings. In addition students will examine health care financing and nursing's role in advancing health care quality and patient safety. Legislation and regulation affecting nursing practice will also be covered.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Chronic Disease Management in the Primary Health Care Context	This course will assist students develop knowledge of and apply the principles of self management of chronic illnesses and co-morbidities that make a major contribution to Australia's global burden of disease. Students will learn to assess clients with ongoing illness and to develop, implement and evaluate planned care and self management strategies in the primary health care sector in collaboration with other relevant health professionals.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Clinical and Corporate Governance in Aged Care	This course critically appraises ethical, legal and safety issues in the context of aged care. Students are introduced to an overview of ethical theory, ethical decision making and a range of industry specific case studies. Relevant legal concepts are reviewed including industry relevant statutory and regulatory frameworks, contract law and administrative law. This course concludes with an examination of accreditation standards and safety issues pertinent to the aged care and community health sector.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Financial Management in Aged Care	This course analyses financial principles, models, planning and performance in aged care. Beginning with an introductory overview of health economics in aged care, this course examines funding models, basic accounting principles and facilitates the student in making sound financial decisions relevant for their practice. The course finishes by examining aged care sector specific theory and models for service delivery and change in the organisation.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Workforce Service and Management in Aged Care	This course reviews current and future workforce realities in the aged care sector. Beginning with an in-depth analysis of contemporary recruitment and retention issues, performance matters including salary and rewards and performance reviews, students appraise future workforce directions by examining emerging roles, the role of the unregulated carer and technologies like telehealth. The course concludes with an examination of the influence of emerging service models on aged care.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Paediatric and Neonatal Advanced Practice Respiratory Care	This course builds upon the knowledge and skill acquired in Fundamentals of Paediatric / Neonatal Speciality Care Course. This course will provide students with the ability to develop advanced assessment and nursing practice skills in the management of respiratory support and mechanical ventilation for paediatric and neonatal patients. Students will undertake a comprehensive review of respiratory physiology and respiratory support therapies including lung protective strategies, conventional ventilation, high frequency ventilation, lung recruitment strategies and extra corporeal life support. This course will develop the student?s ability to perform a comprehensive respiratory assessment and will introduce students to interpretation of chest radiography, analysis of respiratory waveforms and associated data. At the completion of this course students should be able to demonstrate the ability to interpret, plan and provide rationales for independent and interdependent respiratory support decisions.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Paediatric and Neonatal Cardiovascular and Specialty Care	This course will provide students with the ability to develop advanced cardiovascular assessment skills and builds upon the knowledge gained in Fundamentals of Paediatric/Neonatal Speciality Care Course. Students will develop further knowledge of clinical interventions to support and manipulate cardiac output, including the use of inotropic and vasoactive agents, fluid management and respiratory support. Students will broaden their understanding of congenital cardiac conditions and the implications for pre-operative stabilisation and management. Impaired organ function is explored both as sequelae of impaired cardiovascular function and as primary diseases. In the later part of the course, students have the choice to further investigate one of three speciality areas including: post-operative paediatric cardiac surgical management, neonatal issues or general paediatrics including burns and oncology care. Students conclude this course by reviewing contemporary issues and practices in organ donation, transplantation and palliative care	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Nutrition & Health	This course is an introduction to public health nutrition. Major public health nutrition issues experienced in different stages of the lifespan are explored through case studies in developed countries and LMIC. Emphasis is placed on different approaches adopted to address public health nutrition issues.	Postgraduate Coursework	Semester 1, 2018	Public Health School	1		
Evidence in Public Health Nutrition	The course considers the evidence underpinning development of effective programs and policy to address both under-nutrition and over-nutrition, and the links between evidence and action. It is grounded in the methods of nutritional epidemiology. The course will be relevant to public health nutritionists and others with an interest in acting on nutrition problems in population health. The course may not be offered if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Public Health School	1		

Recovery & Nutrition for Elite Athlete	The course examines recent research on recovery, regeneration and nutrition and its application to the specific needs of an athlete. Strategies for practical problem-solving in specific sport contexts. This course had the previous code of SPCG7006 which can be viewed in the archived area within the Course and Program site http://www.uq.edu.au/study/archive/index.html	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Health & Fitness Through Diet & Exercise	This course will examine the influence of diet and exercise on health, fitness and well-being. During the course students will learn about - the functions of nutrients in the body; how the body responds to exercise training; how to determine if students' own diet and exercise is meeting current recommendations; how to develop an exercise program to improve health and fitness; how to use diet and exercise to maintain a healthy body weight and how nutrition can be used to enhance exercise performance. The course is structured in a way that will allow the application of knowledge gained about diet and exercise to improve students' own health and fitness.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	2		
Nutrition in the Lifespan	This course provides an understanding of the significance of nutrition across the lifespan, using a public health perspective. This course reviews the nutritional and dietary requirements of humans for different periods of their lifespan and for specific physiological states. It covers requirements for good health and normal development, and for some specific diseases. The course will also provide the student with an insight into the major nutrition issues at each stage of life and the effects of psychosocial and cultural factors on nutritional health.	Undergraduate	Semester 2, 2018	Public Health School	1		

Nutrition Science	This course provides the basis for an in-depth understanding of nutrition biochemistry, what the human body requires in food to maintain homeostasis, and how the nutritional status of individuals and populations is determined. Topics covered include energy metabolism; components and role of the human gastro-intestinal tract; macronutrients and micronutrients absorption, metabolism and their role in health; signs, symptoms and causes of nutrient deficiency; the diet-disease relationship and significance in the context of the life-cycle and of chronic disease. The course also provides the understanding of how nutrition science is translated into dietary guidelines, and equips students with the tools to discern objectively between sound nutrition information and unfounded nutrition commercially-oriented claims.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Nutrition & Exercise	To develop independence, creativity & critical thought through the evaluation of research relating nutrition & exercise to health & sports performance.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Understanding Population Nutrition	This course introduces varied methods available to community and public health nutritionists for describing the food and nutrition landscape, and includes an introduction to, for example, dietary assessment tools, food security and infant feeding questionnaires, and community food asset mapping, as well as qualitative approaches to in depth understanding of people?s attitudes and practices. Students will develop skills in study design, tool development, data collection, and reporting.	Undergraduate	Semester 1, 2018	Public Health School	1		
Community & Public Health Nutrition	Students successfully completing NUTR3012 will gain an understanding of the theory and practice of community and public health nutrition, and develop practical expertise related to taking action to address them including: assessing the food and nutrition needs in a community, and planning, implementing and evaluating interventions. The course uses case studies to examine policies and programs currently used in Australia and elsewhere, including the effectiveness of different strategies.	Undergraduate	Semester 2, 2018	Public Health School	1		

Advanced Nutrition Sciences	NUTR3201 aims to develop knowledge and scientific critical thinking in contemporary nutrition topics and emerging issues. This course builds on prior studies in nutrition science, and the understanding of human physiology, biochemistry and molecular principles. The course examines the scientific basis for nutrition reference standards and guidelines, nutraceuticals and functional foods; the strengths and limitations of nutrition research methodology; the nutritional outcomes of food processing and exposure to related metabolites; the emerging paradigm of personalised nutrition through the understanding of nutritional genomics, and nutritional epigenetic marks; the role of the gut microbiota in health and disease, and interactions with dietary constituents with related outcomes; the concept of energy balance with processes involved in the regulation and dysregulation of appetite, and association with eating disorders. Finally, it explores the scientific evidence of the role of dietary patterns and food constituents in regulating the metabolic drivers of lifestyle and ageing-related chronic disease.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Sports Nutrition	In this course, students will apply prior knowledge of nutrition and exercise to understand nutrition issues associated with specific sports. It will draw together latest findings about the impact of nutrition on training, performance and recovery in selected team and individual sports. Topics for each sport will include ? nutrients to support competition performance and training adaptation; supplements and ergogenic aids to enhance performance; and nutrition for optimal recovery. In addition, students will have an opportunity to work through a series of case studies in which their knowledge of nutrition, exercise and the specific characteristics of sport will be used to develop individually tailored nutrition recommendations for athletes.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Introduction to Occupational Therapy for Graduates	Introduction to occupational therapy for graduates including the philosophy & history of the profession, an overview of the scope of current occupational therapy practice, the occupational therapy intervention process & societal context for therapy.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		

Occupational Performance & Evaluation across the Lifespan	Introduces graduate students to the concept of occupational performance & evaluation, & the physical, psychosocial & developmental factors that impact on occupational role performance at different stages throughout the lifespan.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Human Anatomy & Occupation	Provides graduate students with opportunities to consolidate acquired learning in anatomy & neuroanatomy in order to apply this to occupational analysis & the occupational therapy context.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Introduction to Professional Skills in Occupational Therapy	This course consists of two modules. The first module, Communication, aims to facilitate students' awareness of communication in therapeutic contexts and development of verbal and non-verbal communication skills in varying sized group situations. The second module, Activity Analysis, aims to develop an understanding of, and skills in, analysis of occupations and activities.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Introduction to Occupation	This course provides an introduction & overview of concepts of the person, environment & occupation critical to the practice of occupational therapy & the links between participation, occupation and well-being. It also introduces students to the inter-relationship between occupation & society, drawing upon a sociological perspective.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	2		
Occupational Performance Across the Lifespan	Introduction to occupational performance & exploration of human psychological & social functioning across the lifespan. Analyses their impact on the process of growth & development.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Introduction to the Occupational Therapy Process	This course will provide students with further introduction into the profession of occupational therapy. It will overview the stages involved in the occupational therapy process & the knowledge & skills therapists draw on to support diverse client groups from the point of referral to information gathering, service provision & evaluation of outcomes. The course also introduces students to the communication skills necessary for professional practice throughout the occupational therapy process.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		

Promoting Participation through Occupation & the Environment	This course will provide students with a strong foundation in identifying occupational performance issues & using occupation & the environment to promote participation. It examines the information gathering & service provision stages of the OT process. It also explores occupation as a means & an end & the use of the environment to promote occupational performance & participation.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Occupational Therapy for Children & Youth I	This course addresses occupational therapy practice for children, youth & their families, in relation to a range of developmental, attentional & learning conditions that impact on children's occupational performance & participation. Frames of reference for addressing these issues will be introduced along with appropriate information gathering methods, interventions & models of service delivery. It will also address the participation of children & youth in relation to their home, school and community environments.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Chronic Physical & Mental Health Conditions & Occupational Performance	This course is designed to develop student's understanding of the impact of both physical & mental health chronic conditions on occupational performance & participation. Students will develop skills in information gathering & service provision relevant to these conditions.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	2		
Creating Inclusive Communities to Promote Occupational Performance & Participation	This course provides students with skills to support the development of inclusive communities. It will introduce students to the impact of societal attitudes, service systems, policies & legislation and the natural & built environment on people's participation in society. It will also provide students with skills in identifying people at risk of exclusion, the barriers to inclusion & how occupational therapists can contribute to the development of inclusive practices.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		

Occupational Therapy for Children & Youth II	This course addresses occupational therapy practice for children & youth with social emotional challenges, those at risk of developing mental health issues, & those with developmental or acquired neurological conditions that impact on their occupational performance & participation. Frames of reference for addressing these issues will be introduced along with appropriate information gathering methods, interventions & service provision. It will also address the participation of children, youth & their families in relation to their home, school & community environments.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Psychosocial Aspects of Occupational Therapy Practice	This course builds on the psychiatric & mental health foundations provided in OCTY2105. Content addresses information gathering & service delivery processes in psychosocial fields of adult occupational therapy, including: mental health, physical health, ageing & intellectual disability. A specific focus is on understanding the impact of psychological, social, emotional, & behavioural factors on the individual experience of a diversity of physical & mental health conditions.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Occupational Performance & Participation for Adults with Acute & Chronic Medical Conditions.	This course assists students to develop an understanding of the impact of injury, acute illness & chronic medical conditions on client's occupational performance & participation. Students will learn from the lived experience of adult clients & will develop skills in information gathering, service provision & service evaluation for these clients from an occupational therapy perspective.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Professional Practice Preparation	This course prepares students to undertake full time professional practice placements by building knowledge and skills in areas such as professional behaviour and communication with clients and practice educators, self-management, setting personal learning goals, developing documentation skills, teamwork and cultural responsiveness. A fieldwork component in a child and youth context is included to allow practice of these skills in real clinical situations.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		

Promoting Occ Performance & Participation for Individuals with Complex Issues & Life Situations	This course will expose students to the complexity of occupational therapy practice through the investigation of individual case scenarios addressing complexity at the levels of person, environment & occupation. Cultural & linguistic diversity, complexity of practice across health, education, disability & welfare sectors & complexity related to health & social issues experienced by carers & other family members will be introduced. Case studies will be the basis for teaching, demonstrating the complexity of enhancing occupational performance & participation throughout the lifespan.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Occupational Therapy Practice in Community Contexts	This case-based course will provide occupational therapy students with the skills to enhance client participation across different legislative and practice environments. It will equip students to work with individual clients, organisations and communities. Through reflection and student discussion around cases, clinical decision making will be enhanced.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		

Occupational Therapy Clinical Practice and Clinical Reasoning	Professional practice education is an integral part of the Occupational Therapy curriculum. Students will be provided with opportunities to build upon their earlier clinical coursework experiences and to expand their professional skills while learning to implement the roles and responsibilities of an occupational therapist within contemporary practice settings. Within these settings, they will also develop critical thinking skills in which students connect their clinical practice experiences to broader occupational therapy knowledge. Student professional practice placements will reflect the diversity of Occupational Therapy professional practice. Students may be allocated to placements within hospital or community-based services and these services may be in acute or long term settings within government or non-government organisations. During their professional practice placement courses students may work with people of various ages and stages of development across the life span. Students will be required to work in different models of service delivery which may involve direct service provision, case management, consultancy or project management or a mixture of these models of service delivery. Supervised practice education is an integral part of the occupational therapy curriculum. The World Federation of Occupational Therapy requires a minimum of 1000 hours of supervised professional practice education within an occupational therapy program for accreditation.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Advanced Occupational Therapy Clinical Practice	This course provides supervised professional practice experience for students in occupational therapy. Students attend a professional practice placement in an area of occupational therapy and undertake graded learning experiences to develop occupational therapy professional practice competencies.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Occupational Therapy Practice: Academic Analysis & Study	Provides students with core knowledge & skills to assess the efficiency of particular OT clinical practices & to recommend necessary modifications.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Professional Issues for New Graduates	Management techniques and considerations for individual practice, particularly as a new graduate.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		

Occupational Therapy Practice Specialisation	This capstone course will provide occupational therapy students with an opportunity to build upon their professional skills and knowledge within a specific contemporary occupational therapy practice area. Students will expand their professional skills to become proficient in the planning, delivery and evaluation of a clinical occupational therapy service. Teaching will involve three lectures, weekly tutorials and clinical experience in the management of clients within a clinical setting.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Advanced Occupational Therapy Clinical Practice	This course provides supervised professional practice experience for students in occupational therapy. Students attend a professional practice placement in an area of occupational therapy and undertake graded learning experiences to develop occupational therapy professional practice competencies.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Professional Issues for New Graduates	Management techniques and considerations for individual practice, particularly as a new graduate.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Academic Analysis & Study for Graduates	This course focuses on the development of independent and critical analysis of an element of occupational therapy practice in the clinical environment. Students will conduct a detailed review of an element of clinical practice, investigating its theoretical background, current implementation and the pressures influencing current implementation, and the potential for any change to meet those pressures. Information will be synthesised into a detailed academic report that students prepare during their fieldwork affiliation.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Promoting Participation through Occupation & the Environment	This course provides students with a strong foundation in identifying occupational performance issues & using occupation & the environment to promote participation. It examines the information gathering & service provision stages of the OT process. It also explores occupation as a means & an end & the use of the environment to promote occupational performance & participation.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		

Occupational Therapy for Children & Youth I for Graduates	This course addresses occupational therapy practice for children, youth & their families, in relation to a range of developmental, attentional & learning conditions that impact on children's occupational performance & participation. Frames of reference for addressing these issues will be introduced along with appropriate information gathering methods, interventions & models of service delivery. It will also address the participation of children & youth in relation to their home, school and community environments.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Occupational Therapy for Children & Youth II for Graduates	This course introduces students to occupational therapy practice for children & youth with social-emotional challenges, those at risk of developing mental health issues, & those with developmental or acquired neurological conditions that impact on their occupational performance & participation. Frames of reference for addressing these issues will be introduced along with appropriate information gathering methods, interventions & service provision. It will also address the participation of children, youth & their families in relation to their home, school & community environments.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Psychosocial Aspects of Occupational Therapy Practice	This course builds on the psychiatric & mental health foundations provided in OCTY7825. Content addresses information gathering & service delivery processes in psychosocial fields of adult occupational therapy, including: mental health, physical health, ageing & intellectual disability. A specific focus is on understanding the impact of psychological, social, emotional, & behavioural factors on the individual experience of a diversity of physical & mental health conditions.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Occupational Performance & Participation for Adults with Acute & Chronic Medical Conditions.	This course will assist students to develop an understanding of the impact of injury, acute illness & chronic medical conditions on client's occupational performance & participation. Students will learn from the lived experience of adult clients & will develop skills in information gathering, service provision & service evaluation for these clients.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		

Creating Inclusive Communities: OT Practices for Promoting Inclusion (of People with Disability)	This course will provide students with skills to support the development of inclusive communities for people with disability. It will introduce students to the impact of societal attitudes, service systems, policies and legislation, and the natural and built environment, on people's participation in society. It will also provide students with skills in identifying people at risk of exclusion, the barriers to inclusion, and how occupational therapists can contribute to the development of inclusive practices. Students will apply the knowledge and skills gained while working in partnership with a person with disability to analyse environmental factors impacting on inclusion.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Promoting Occupational Performance for People with Chronic Medical and Mental Health Conditions	This course is designed to support graduate students to develop their understanding of the long term impact of both medical and mental health conditions on occupational performance and participation. Students will develop knowledge and skills in information gathering and service provision relevant to these conditions and complete clinical experiences requiring application of the knowledge and skills when working with clients in institutional and community contexts.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Occupational Therapy Clinical Skills	This course provides supervised professional practice experience for students in occupational therapy. Students attend a professional practice placement in an area of occupational therapy and undertake graded learning experiences to develop professional practice competencies.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Occupational Therapy Practice Specialisation	This capstone course will provide occupational therapy students with an opportunity to build upon their professional skills and knowledge within a specific contemporary occupational therapy practice area. Students will expand their professional skills to become proficient in the planning, delivery and evaluation of a clinical occupational therapy service. Teaching will involve three lectures, weekly tutorials and clinical experience in the management of clients within a clinical setting.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		

Occupational Health and Safety	This course will introduce students to the scope of occupational health and safety practice (OHS) within Australia and internationally. The course will provide a broad overview to the OHS Body of Knowledge including, the history of OHS, the role of risk management in OHS practice, the health and economic consequences of occupational injury and disease, national and international bodies with regulatory and advisory roles in OHS and the tools available to OHS professionals for the control and minimisation of workplace fatality, injury and disease and ill-health. Students will be exposed to a range of OHS professionals and will review their roles in the prevention of injury and illness in the workplace.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		
Occupational Safety Science	This course extends and applies theoretical concepts gained from the physical and behavioural sciences into the applied area of occupational safety. The impact and influence of physical and mechanical exposures and influences within the workplace on the safety of workers will be discussed and assessed. The use of safety standards in providing a safe workplace will be reviewed. The concept of the hierarchy of control will be applied within the framework of legislative requirement.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		

Occupational Hygiene 1	This course presents students with the concepts and methodologies of occupational hygiene, including the anticipation, recognition, evaluation, communication and control of environmental stressors in, or arising from, the workplace that may result in injury, illness, impairment, or affect the well-being of workers and members of the community. Through a range of lectures, tutorials, practicals and field visits, students will develop a high level understanding of the techniques for measuring and monitoring exposure to hazardous chemicals in the workplace and how exposure information can be used to assess risk. As part of this learning, students will develop skills needed to present the results of atmospheric monitoring in a form useful for health risk assessment purposes. The course will present the principles of control of occupational health hazards, including chemical, biological and physical hazards, and will require students to critically appraise these strategies. There will be a focus on three major types of occupational hygiene hazards: particulates (dusts, fumes and fibres); metals; and gases and vapours. Toxicological principles relevant to developing an understanding of workplace health hazards will also be reviewed such as dose response relationships, types of toxic effects and the elimination and detoxification of chemicals and biological agents.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		
Introduction to Occupational Health & Safety	This course will introduce students to the scope of occupational health and safety practice (OHS) within Australia and internationally. Topics covered will include, the history of OHS, the role of risk management in OHS practice, the health and economic consequences of occupational injury and disease, national and international bodies with regulatory and advisory roles in OHS and the tools available to OHS professionals for the control and minimisation of workplace injury and illness. Students will be exposed to a range of OHS professionals and their roles in the prevention of injury and illness in the workplace.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	2		

Occupational Health	This course examines the epidemiology and aetiology of workplace induced illness and preventative measures, including the role of occupational health services, designed to eliminate or minimise illness. The course focuses on the impacts of work and the work environment on the human body. The teaching approach will utilise lectures, case studies and scenario based learning to examine the health impacts on bodily systems and functions including: the respiratory, reproductive, sensory, nervous, cardiovascular, musculoskeletal and renal systems, hepatic function and metabolism. Occupational infections and occupationally derived cancers will also be discussed. The role of chemicals in the development of occupational illness and disease will be discussed within the framework of the basic principles of toxicology.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		
Occupational Safety Science	This course extends and applies theoretical concepts gained from the physical and behavioural sciences into the applied area of occupational safety. The impact and influence of physical and mechanical exposures and influences within the workplace on the safety of workers will be discussed and assessed. The use of safety standards in providing a safe workplace will be reviewed. The concept of the hierarchy of control will be applied within the framework of legislative requirement.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		

Occupational Hygiene 1	This course presents students with the concepts and methodologies of occupational hygiene, including the anticipation, recognition, evaluation, communication and control of environmental stressors in, or arising from, the workplace that may result in injury, illness, impairment, or affect the well being of workers and members of the community. Through a range of lectures, practicals and field visits, students will develop a high level understanding of the techniques for measuring and monitoring exposure to hazardous chemicals in the workplace and how exposure information can be used to assess risk. As part of this learning, students will develop skills needed to present the results of atmospheric monitoring in a form useful for health risk assessment purposes. The course will present the principles of control of occupational health hazards, including chemical, biological and physical hazards, and will require students to critically appraise these strategies. There will be a focus on three major types of occupational hygiene hazards: particulates (dusts, fumes and fibres); metals; and gases and vapours. Toxicological principles relevant to developing an understanding of workplace health hazards will also be reviewed such as dose response relationships, types of toxic effects and the elimination and detoxification of chemicals and biological agents.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		

Physical Ergonomics	Ergonomics is the scientific discipline concerned with the fundamental understanding of interactions among humans and other elements of a system and the application of appropriate methods theory and data to improve human well-being and overall system performance. Derived from the Greek ergon (work) and nomos (laws) to denote the science of work, ergonomics is a systems-orientated discipline which now extends across all aspects of human activity. Ergonomics promotes a holistic approach in which considerations of physical, social, organisational, environmental and other relevant factors are taken into account. In particular the course provides students with advanced skills and knowledge to effectively identify, analyse and control risks arising from physically demanding work. Through a range of lectures, case studies and workshops students will master specific analysis techniques and will critically review the current strategies for the minimisation of work-related musculoskeletal disorders.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		
Risk Management	This course has been designed to consolidate students knowledge of OHS risk management principles and practices and introduce them to the broader application of risk management across all aspects of organisational risk. Students will obtain a comprehensive understanding of the risk management process as outlined in AS/NZS ISO 31000. Additionally they will develop advanced skills in the application of the various tools and techniques that may be used to communicate, consult, establish the context, identify, analyse, evaluate and treat organisational risks.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		

Occupational Hygiene 2	This course is designed to build on the occupational hygiene knowledge, principles and practices developed in OHSS3000. Through a range of lectures, practicals and field visits, students will develop advanced skills for measuring and monitoring exposure to physical and biological hazards in the workplace. In addition students will acquire the necessary theoretical and practical knowledge to evaluate exposure information in respect to assessing and managing risk. The course focuses on key physical and biological health hazards including: lighting, noise and vibration, heat and cold, and ionising and non-ionising radiation. The course will also introduce students to emerging issues in occupational hygiene and explore exposure to psycho-social hazards.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Occupational Health & Safety Management Systems	This course has been designed to provide students with high level skills and knowledge to develop, implement, evaluate and manage OHS Management Systems. The course also prepares students to undertake OHS related audits by evaluating and utilizing a variety of audit tools and criteria. Using a combination of underpinning theory and current practice the course will explore the various aspects of OHS management systems; including organisational theory, behaviour based safety, management system frameworks, the history of OHS management systems and future directions.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Professional Practice & Emerging Issues in Occupational Health & Safety	This course examines the emergence of OHS as a profession and discusses the implication of professional practice for graduates. Students will have an opportunity to reflect and discuss experiences and learnings from their industrial placements and apply this knowledge to ethics, leadership, organisational culture and industrial relations. Contemporary OHS issues such as worker demographics and globalisation of the labour market, work organisation, and fatigue will be discussed. Students will gain practical experience in developing and delivering OHS workplace training, a critical skill for the OHS graduate. In addition, students will have opportunities to prepare for life as a graduate through developing their written job application skills and interview techniques.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		

Research & Evaluation of Interventions in OHS	This course will develop the research & evaluation knowledge and skills required for OHS research and evaluation of OHS interventions in the workplace. This course will further develop research skills and evidence based practice by the critical evaluation of OHS research information, including the development of a journal article suitable for publication and the interpretation and critique of current OHS data to improve the management of OHS issues. Students will develop a workplace OHS intervention, including the application of a business case methodology and strategies for evaluating the effectiveness of the OHS intervention.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Industry Placement	This industry placement courses will be taken in the final year of the Bachelor of Occupational Health and Safety Science (Hons). This course will provide real industry experience in an approved workplace. Students will be expected to be present in the workplace during normal working hours and undertake OHS related work as agreed between the workplace supervisor and the placement coordinator. Over the duration of the placement it is anticipated that the student will be exposed to a range of OHS professional competencies and will reflect upon these in a work journal.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		
Industry Research Project in Occupational Health and Safety Science	Students in this course will conduct an OHS industry based research project supervised by an academic staff member and a supervisor from industry. As well as preparing you for entry into the workforce, this course will extend your independence as a researcher and provide the opportunity to plan, design, perform, analyse and report on industry research. The components of the course include developing as research plan, proposal and a research report outlining your findings.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		

Occupational Health	This course examines the epidemiology and aetiology of workplace induced illness and preventative measures, including the role of occupational health services, designed to eliminate or minimise illness. The course focuses on the impacts of work and the work environment on the human body. The teaching approach will utilise lectures, case studies and scenario based learning to examine the health impacts on bodily systems and functions including: the respiratory, reproductive, sensory, nervous, cardiovascular, musculoskeletal and renal systems, hepatic function and metabolism. Occupational infections and occupationally derived cancers will also be discussed. The role of chemicals in the development of occupational illness and disease will be discussed within the framework of the basic principles of toxicology.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		
Occupational Hygiene 2	This course is designed to build on the occupational hygiene knowledge, principles and practices developed in OHSS7002. Through a range of lectures, practicals and field visits, students will develop advanced skills for measuring and monitoring exposure to physical and biological hazards in the workplace. In addition students will acquire the necessary theoretical and practical knowledge to evaluate exposure information in respect to assessing and managing risk. The course focuses on key physical and biological health hazards including: lighting, noise and vibration, heat and cold, and ionising and non-ionising radiation. The course will also introduce students to emerging issues in occupational hygiene and explore exposure to psycho-social hazards.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		

Occupational Health & Safety Management Systems	This course has been designed to provide students with high level skills and knowledge to develop, implement, evaluate and manage OHS Management Systems. The course also prepares students to undertake OHS related audits by evaluating and utilizing a variety of audit tools and criteria. Using a combination of underpinning theory and current practice the course will explore the various aspects of OHS management systems; including organisational theory, behaviour based safety, management system frameworks, the history of OHS management systems and future directions.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		
Risk Management	This course has been designed to consolidate students knowledge of OHS risk management principles and practices and introduce them to the broader application of risk management across all aspects of organisational risk. Students will obtain a comprehensive understanding of the risk management process as outlined in AS/NZS ISO 31000. Additionally they will develop advanced skills in the application of the various tools and techniques that may be used to communicate, consult, establish the context, identify, analyse, evaluate and treat organisational risks.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		

Physical Ergonomics	Ergonomics is the scientific discipline concerned with the fundamental understanding of interactions among humans and other elements of a system and the application of appropriate methods theory and data to improve human well-being and overall system performance. Derived from the Greek ergon (work) and nomos (laws) to denote the science of work, ergonomics is a systems-orientated discipline which now extends across all aspects of human activity. Ergonomics promotes a holistic approach in which considerations of physical, social, organisational, environmental and other relevant factors are taken into account. In particular the course provides students with advanced skills and knowledge to effectively identify, analyse and control risks arising from physically demanding work. Through a range of lectures, case studies and workshops students will master specific analysis techniques and will critically review the current strategies for the minimisation of work-related musculoskeletal disorders.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		
Industry Research Project in Occupational Health and Safety	Students in this course will conduct an OHS industry based research project supervised by an academic staff member and a supervisor from industry. As well as preparing you for entry into the workforce, this course will extend your independence as a researcher and provide the opportunity to plan, design, perform, analyse and report on industry research. The components of the course include developing a research plan, proposal and a research report outlining your findings.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		
Professional Practice & Emerging Issues in Occupational Health and Safety	This course examines the emergence of OHS as a profession and discusses the implications of professional practice for graduates. Students will explore ethics, leadership, organisational culture and industrial relations in relation to OHS. Contemporary OHS issues such as worker demographics and globalisation of the labour market, work organisation and fatigue will be discussed. Students will also develop skills in preparing business cases and undertaking cost-benefit analyses for OHS interventions.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		

Advanced Discipline Readings	To provide a guided reading of the literature relevant to research area selected for student's honours dissertation.	Postgraduate Coursework	Semester 1, 2018	Dentistry School	1		
Oral Health Honours Dissertation	To provide knowledge & experience in formulating & presenting a research proposal, conducting a research investigation & presenting completed investigation as a dissertation & an article for publication.	Postgraduate Coursework	Semester 1, 2018	Dentistry School	2		
Communication and Organisation	Communication and Organisation is designed to give students a substantive understanding of major issues, topics and approaches to the academic study of organisational communication. It is structured around major themes in organisational communication research rather than specific topics in organisational communication. These themes include organisational structure, culture, networks, identity, change, power, and internal and external communication. A systematic study of these themes provides an understanding about how the climate and organisational culture shape organisational practices. Communication strategies for effective organisational practice and performance and the organisational structures that emerge to support these strategies are investigated and applied in organisational settings. The course will also explore some emerging themes in research such as contradiction, practice and communication flow. In addition, the course takes a problem-centered approach, focusing on typical communication difficulties organisations experience. Case studies are used to learn how to effectively apply communication theory to actual organisational situations. It will explore a range of issues and topics, from gender, diversity and justice, to temporary labour, work-family issues, and corporate mergers. The course is highly interactive, and students will be required to practice the skills they have learnt, and to critically reflect upon their experiences in relation to the skills and knowledge they have learned.	Postgraduate Coursework	Semester 2, 2018	Business School	1		

Introductory Philosophy	The questions of what philosophy is and what philosophers do are approached through a discussion of the work of philosophers such as Descartes, Locke, Hume, Camus, Sartre, and Beauvoir. The first section of this course is devoted to questions of what there is (metaphysics) and what it is to know (epistemology), and topics covered include scepticism, the relationship between mind and body, and the problem of personal identity. The second section provides an introduction to philosophy from existential and phenomenological perspectives concerning meaning, ethics, emotions, freedom and the Other.	Postgraduate Coursework	Semester 1, 2018	Historical & Philosophical Inq	1		
Critical Reasoning (Graduate)	Analyses thought & its expression in oral & written work from a structured & logical perspective. Aims to promote clearer thinking, foster better expression, & improve your analytic capabilities with a view to developing clearer & more persuasive argument skills.	Postgraduate Coursework	Semester 2, 2018	Historical & Philosophical Inq	1		
Biomedical Parasitology	This course provides basic information about protozoan, helminth and arthropod parasites causing disease in animals and people. It covers: parasite morphology (fundamental to taxonomy); host range (species specificity); site of infection (tissue/organ tropism); parasite pathogenicity (disease potential); modes of transmission (spread of infections); differential diagnosis (detection of infections); and treatment and control (cure and prevention). Relevant technologies encompass population, organismal, cellular and molecular biology; and the course is relevant to students majoring in biological and microbial sciences, medicine, veterinary science, and biomedical research.	Undergraduate	Semester 2, 2018	Biological Sciences School	2		

Introduction to Philosophy: What is Philosophy?	The questions of what philosophy is and what philosophers do are approached through a discussion of the work of philosophers such as Descartes, Locke, Hume, Camus, Sartre, and Beauvoir. The first section of this course is devoted to questions of what there is (metaphysics) and what it is to know (epistemology), and topics covered include scepticism, the relationship between mind and body, and the problem of personal identity. The second section provides an introduction to philosophy from existential and phenomenological perspectives concerning meaning, ethics, emotions, freedom and the Other.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	411		
Introduction to Ethics	An introduction to ethics and associated philosophical issues. Drawing on classical and contemporary ethical theories, this course introduces basic concepts and techniques of moral reasoning, raises critical questions, and encourages students to develop their own ideas and to understand the role of ethical thinking in everyday life. Topics include: justice, liberty and paternalism, democracy, environmentalism, feminism, cultural relativism, psychological egoism, duty and obligation, rights, and human and non-human animal experimentation. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Critical Reasoning	Analyses thought & its expression in oral & written work from a structured & logical perspective. Aims to promote clearer thinking, foster better expression, & improve your analytic capabilities with a view to developing clearer & more persuasive argument skills. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Representation & Reality: The Philosophy of Language	Philosophical questions concerning language & its connection to the world. Topics include: the nature of meaning, how language refers to the world, truth & metaphorical & other uses of language. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		

Philosophy of Modern Physics	Modern physics has arrived at a point where the picture it provides of natural phenomena is radically different from the picture stemming from our everyday experience. This course is delivered jointly by Physics and Philosophy and will give a non-specialist account of the main theories of modern physics---special and general relativity, quantum physics and cosmology?and introduce students to key metaphysical problems that these new theories suggest concerning the nature of matter, space, time and causation.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Rise of Modern Philosophy	This course traces the rise of modern philosophy as a reaction to dramatic changes in scientific thinking in the seventeenth century. It examines three major points of intersection between science and philosophy in the period in debates about (1) the ontology of nature; (2) causation; and (3) cognitive psychology. Philosophers examined include Descartes, Princess Elisabeth of Bohemia, Spinoza, Malebranche, Margaret Cavendish, Ann Conway, Ralph Cudworth, Leibniz, Hobbes, Locke, Berkeley and Hume.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Philosophy of Science: select topics in the foundations of scientific enquiry	Modern science emerged in the seventeenth century, deepening our understanding of our place in the world by means of theories that offered comprehensive explanations of how nature works. But what exactly is 'science'? This is a course for scientifically minded philosophers and philosophically minded scientists (and everyone in between!) that explores the historical development, logical structure, metaphysical presuppositions, and operational methodology of contemporary scientific practice..	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		

Formal Logic: an introduction to classical formal logic	This course in formal logic is intended as an introduction to the formal aspects of modern logic for students of philosophy, mathematics or computer science, or indeed anyone interested in logic. We assume that students have no previous background in logic. It begins with some discussion as to what logic is and what its role in philosophy might be. It will then move on to more formal aspects. Beginning with the notion of a formal language into which sentences and arguments are to be translated, we shall develop the syntax and semantics for a language of sentences or propositions ? classical propositional logic. Arguments can then be formalized and discussed with reference to the central notion of validity. The primitive language of classical propositional logic is then extended to accommodate the theory of quantifiers, which is formalisable in classical predicate logic, and the notion of validity is generalized to this extended language.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Kant & European Philosophy	This course examines the philosophy of Kant & his influence on the development of European philosophy in the 19th & 20th centuries. Kant's philosophy is pivotal for the subsequent developments of Idealism, Marxism, Existentialism & Phenomenology, & analytic philosophy. The course will be of interest to all students who want to deepen their understanding of the origins of some of the central issues in modern philosophy. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
European Social Philosophy	An exploration of the notion of the "political" within twentieth century French philosophy ands film. The philosophical work of writers such as Sartre, Althusser, Duras, Kristeva, Lyotard and Irigaray to be discussed. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		

Political Philosophy	An examination of some of the core concepts in political philosophy such as equality, community, liberty, ownership, state neutrality & autonomy. Different political philosophies & critical perspectives employing various interpretations of these concepts are also studied such as egalitarian, libertarian, feminist, & communitarian theories. Contemporary political issues are used to both illustrate the nature of the different theories & also as an aid in critically assessing them. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Philosophy & Art	An introduction to aesthetics - the study of art, beauty and aesthetic experience - within the tradition of European philosophy with reference to the aesthetic theories of Plato, Kant, Schiller, Hegel, Nietzsche, Heidegger, Benjamin & Adorno. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Philosophy and Education	This course is a practical approach to philosophy & education by drawing on philosophical methods of inquiry to address questions regarding education, as both formal educational provisions and teaching practices, and as learning which comes from social experience. It explores historical and contemporary approaches to education, the relation between philosophy, teaching and learning, and social and political issues. Issues addressed include: epistemology, pedagogy and curriculum; philosophy as a method of education; moral dimensions of education; education and citizenship; feminist approaches to education; and interculturality and Indigenous education, and moral development. The course also analyses the purpose, process, nature and ideals of education and the kinds of educational arrangements required to support democratic ways of life. Using as a starting point the idea of philosophical inquiry as an educational process, the approach will be multi-disciplinary.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		

Social and Economic Justice	Governments' 'economic' policies have a dramatic impact on people's income, wealth & employment prospects & so are of importance to most members of society. Rationally choosing from the enormous range of social & economic policies & reforms on offer involves weighing many arguments, very few of which are purely economic in nature. This course examines the essential moral components of these arguments. It examines different policies affecting the distribution of income, wealth & employment in society. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Philosophy Today	This course explores the cutting edge of recent and contemporary philosophy and how it relates to earlier philosophical traditions. The course will draw from the history of philosophy to address current issues. Topics will be drawn from questions in Epistemology and Metaphysics, Logic, European Philosophy and Moral and Political Philosophy.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Advanced Logic	While elementary logic courses focus on using particular types of logic, this module makes logic itself the subject of investigation. The course will investigate the very limits of reason; more specifically, it will tackle: Henkin's completeness proof for first order logic; and Godel's celebrated incompleteness theorem. Along the way, there will be preparatory discussion of elementary computability theory and model theory	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Advanced Topics in Metaphysics	An examination of one or more debates in metaphysics. Topics may be drawn from one or more of the following debates: being, causation, substance, time, essentialism, identity, or the nature of ideas. Offered by classroom seminars.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Contemporary European Philosophy	An exploration of contemporary themes and debates in recent European philosophy.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		

Advanced Topics in Moral & Political Philosophy	This course explores major themes in Anglo-American moral and political philosophy. The course aims to consolidate and integrate previous learning through addressing current issues. Topics will be drawn from concepts in social and political philosophy, environmental philosophy, philosophy of education, legal philosophy and social and economic justice. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Philosophy Honours Coursework 2	Weekly seminar program covering a range of topics with discussions introduced & led by a member of staff, designed to develop awareness & understanding of philosophy & its breadth.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Honours Research Thesis	Study program designed in conjunction with student, supervised & assessed by members of staff, to develop deeper understanding of philosophy in particular areas. Students commencing thesis work in First Semester enrol in PHIL 6005 in Semester 1 and PHIL6005 in Semester 2. Students commencing thesis work in Second Semester enrol in PHIL 6006 in Semester 2 and PHIL6006 in Semester 1 in the following year.Students will complete two theses, one in each semester (full-time equivalent).	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	2		
Honours Research Thesis	Study program designed in conjunction with student, supervised & assessed by members of staff, to develop deeper understanding of philosophy in particular areas. Students commencing thesis work in First Semester enrol in PHIL 6005 in Semester 1 and PHIL6005 in Semester 2. Students commencing thesis work in Second Semester enrol in PHIL 6006 in Semester 2 and PHIL6006 in Semester 1 in the following year.Students will complete two theses, one in each semester (full-time equivalent).	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	2		

Philosophy Honours Seminar 1	The course is based on a seminar program designed to develop awareness and understanding of the broad range of issues on the research agenda of contemporary philosophers, and also philosophers' methods of inquiry, along with the development of extended research, writing, and presentation skills. The seminar program will consist of 2x 2 hour seminars run weekly throughout the semester. Each five week module will be introduced and led by a different member of the philosophy program. Students will choose to write two 4,000 word essays and give a presentation on two of the module topics. The presentation is designed to develop skills in the presentation of a conference paper and to develop the ability to discuss philosophical questions in a professional manner.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Philosophy Honours Seminar 2	The course is based on a seminar program designed to develop awareness and understanding of the broad range of issues on the research agenda of contemporary philosophers, and also philosophers' methods of inquiry, along with the development of extended research, writing, and presentation skills. The seminar program will consist of 2x 2 hour seminars run weekly throughout the semester. Each five week module will be introduced and led by a different member of the philosophy program. Students will choose to write two 4,000 word essays and give a presentation on two of the module topics. The presentation is designed to develop skills in the presentation of a conference paper and to develop the ability to discuss philosophical questions in a professional manner.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		

Quality Use of Medicines, Drug Pharmacokinetics and Drug Pharmacodynamics	This online course aims to assist nursing students to develop comprehensive knowledge and understanding of the quality use of medicines and drug pharmacology in relation to pharmacokinetics and pharmacodynamics. The course will cover aspects of the Australian healthcare system, focusing particularly on the National Medicines Policy and Quality Use of Medicines. Equitable, effective, safe, judicious and appropriate medicines usage will be discussed. The course will also cover pharmacological principles around drug pharmacokinetics (absorption, distribution, metabolism and elimination), pharmacodynamics, adverse drug reactions and drug interactions. Examples will be given from different classes of drugs and students will be encouraged to consider how relevant information can be considered within their own context and scope of practice. Students will develop critical skills around safe and effective drug use, prescribing and administration which they can then apply when making client care decisions.	Postgraduate Coursework	Semester 1, 2018	Pharmacy School	1		
Advanced Skills for Clinical Pharmacy Practice	This course aims to develop specific skills which will enable the student to immediately improve their practice of pharmacy and will be integrated with knowledge gained in Pharmacotherapeutics I & II, including topics such as laboratory function tests, drug history and academic detailing. This course introduces the student to advanced clinical pharmacy practice, with a focus on critical appraisal, drug information and EBM in patient centred, pharmaceutical care. It also includes topics such as diagnostics and monitoring, pharmacogenomics and drug interactions. An optional intensive weekend workshop on motivational interviewing and application of EBM can be attended in lieu of some online content.	Postgraduate Coursework	Semester 1, 2018	Pharmacy School	2		

Evaluation and Research in Pharmacy Practice	This course develops knowledge and skills necessary for clinical pharmacists to critically appraise existing research and discusses evaluation and research as they apply to pharmacy practice. The course covers concepts of planning and design of studies, and introduces students to the basics of both qualitative and quantitative methodologies including interviewing and focus group research, survey design and analysis, as well as biostatistics and clinical epidemiology. The relevance of research and evaluation to pharmacists is supported by practical learning tasks linked to clinical practice and the workplace, including drug utilisation evaluation.	Postgraduate Coursework	Semester 2, 2018	Pharmacy School	1		
Introductory Pharmacy 1	Introduction to the pharmacy profession, roles and professional organisations; cultures and theories of learning; contemporary issues in pharmacy practice; professional ethics; pharmacy information sources; verbal communication; medicines regulation and scheduling; sale of non-prescription medicines; introduction to prescription medicines; the Australian health care system and health care teams; Medicare; PBS; principles of drug therapy and dosing; drug delivery; compounding.	Undergraduate	Semester 1, 2018	Pharmacy School	1		
Introductory Pharmacy 2	This course is designed to give you the foundation knowledge and skills in community pharmacy and over-the-counter (OTC) medicines. Pharmacy retail management; pain, inflammation and fever; smoking cessation; dermatology and wound care; complementary medicines; coughs and colds; allergies; ear care; pregnancy & maternal health; baby care; gastrointestinal conditions.	Undergraduate	Semester 2, 2018	Pharmacy School	1		
Pharmacy - Data Analysis & Professional Practice	This course provides foundational skills in numeracy to accurately perform pharmaceutical calculations used during practice. This course is also designed to provide knowledge and skills that will enable students to understand and contribute to statistical aspects of study design and analyse resulting data to answer scientific and managerial questions. These skills will progressively be developed throughout the program and may be used during practice, research or in managerial roles.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		

Quality Use of Medicines A1	This course introduces students to the knowledge and skills required of pharmacists. Students gain an understanding of the legal, professional and ethical aspects involved in dispensing and selling medicines and consulting with consumers in relation to their medicines and common ailments. Students will develop a process for safe and professional dispensing, and gain skills and confidence in communicating with consumers and other health professionals about medicines. Students will gain knowledge and skills in a number of core areas of pharmacy practice, including: assessing evidence and using resources to answer therapeutic questions, use of medicines during pregnancy and breastfeeding, nutrition, categorising and assessing adverse drug reactions and regulation of complementary medicines. The management of a number of common conditions are discussed including: the common cold, allergic rhinitis, gastro-oesophageal reflux and pain.	Undergraduate	Semester 1, 2018	Pharmacy School	1		
Quality Use of Medicines A2	This Course is the first in the series of three QUM courses (2nd semester in Year 2, and both semesters in Year 3) that teach new prescription drug content within our Program. Students will learn contemporary practice approaches in the areas of central nervous, gastrointestinal, and endocrine systems, further developing their skills, knowledge, and professional attributes as `practitioners-in-training'. They will build their individual capacity for learning through a variety of Course teachings - acquisition of key core knowledge, considerations around the QUM in practice, optimising communication and interpersonal skills, critical thinking, problem solving, and participation in experiential learning (community and hospital pharmacy placements).	Undergraduate	Semester 2, 2018	Pharmacy School	1		
Dosage Form Design A1	The study and application of physicochemical principles to the design, formulation and effective use of liquid and semi-solid dosage forms. The basic principles of biotechnology as they pertain to the pharmaceutical industry will be introduced.	Undergraduate	Semester 1, 2018	Pharmacy School	1		

Dosage Form Design A2	The study and application of physicochemical principles to the design, formulation and effective use of solid dosage forms. Factors influencing drug absorption, particularly from the gastro-intestinal tract, will be introduced. The lectures and practicals cover particle sizing and crystal structure, powder properties and mixing, powder flow and capsule filling, tablet formulation and manufacture, tablet properties and dissolution. Drug and dosage form stability will be presented, and consideration given to medicines packaging.	Undergraduate	Semester 2, 2018	Pharmacy School	1		
Social & Professional Aspects of Pharmacy A	Principles, concepts and factors which influence consumer behaviour in relation to health care. Development of professional socialisation and collegiality.	Undergraduate	Semester 1, 2018	Pharmacy School	1		
Drug Discovery A1	An introduction to medicinal chemistry and drug discovery.	Undergraduate	Semester 1, 2018	Pharmacy School	1		
Drug Discovery A2	Design strategies & structure activity relationships of drugs used to treat endocrine, inflammatory, allergic and psychiatric disorders. Theory & techniques of drug identification & analysis, including quantitative analysis of drugs. Concepts related to the control of doping in sport.	Undergraduate	Semester 2, 2018	Pharmacy School	1		
Biological Fate of Drugs A	This course will provide information on how drugs are absorbed, distributed and cleared from the body and will define and apply basic pharmacokinetic parameters. Knowledge on the basic principles of poisoning including medicines, natural substances and household products will also be provided.	Undergraduate	Semester 2, 2018	Pharmacy School	1		
Quality Use of Medicines B1	Optimal use of medication for cardiovascular and renal systems, apnoea and childhood obesity, including aspects of practice, dispensing & patient consultation.	Undergraduate	Semester 1, 2018	Pharmacy School	1		
Quality Use of Medicines B2	Optimal use of medication for respiratory systems, infection, immunisation, oncology and palliative care, and aspects of practice, dispensing & counselling.	Undergraduate	Semester 2, 2018	Pharmacy School	1		
Dosage Form Design B1	Specialised drug delivery systems; extemporaneous formulation, compounding & quality control; physicochemical incompatibilities.	Undergraduate	Semester 1, 2018	Pharmacy School	1		
Social and Professional Aspects of Pharmacy B1	Evidence based practice, critical appraisal of studies, study design, clinical epidemiology.	Undergraduate	Semester 1, 2018	Pharmacy School	1		

Social & Professional Aspects of Pharmacy B2	Understanding the Australian health care system (eg services, funding, workforce, rural challenges), Indigenous health, National medicines Policy, PBS listings (pharmacoeconomics), professonal orgnaisations	Undergraduate	Semester 2, 2018	Pharmacy School	1		
Drug Discovery B1	Design strategies & structure activity relationships of drugs involving the cardiovascular and renal systems. Pharmaceutical aspects of biotechnology.	Undergraduate	Semester 1, 2018	Pharmacy School	1		
Pharmaceutical Discovery & Microbiology	Pharmaceutical microbiology relating to the principles and practice of pharmacy. Drug design and structure activity relationships of drugs used for: i) the treatment or prophylaxis of infections, ii) the treatment or management of respiratory conditions, and iii) the treatment of cancers.	Undergraduate	Semester 2, 2018	Pharmacy School	1		
Biological Fate of Drugs B	Optimal drug dosage regimen design & mechanisms of toxicology. Disposition of drugs & factors affecting pharmacokinetic & pharmacodynamic variability.	Undergraduate	Semester 2, 2018	Pharmacy School	1		
Integrated Patient Centred Care 1	The course provides skill development in undertaking medication management reviews, medication dispensing, and management of minor ailments. There is a focus on building and integrating the knowledge and skills from different courses in the pharmacy program and applying these in the optimisation of medicine use in the individual patient. Upon successful completion of the course, students will achieve the Australian Association of Consultant Pharmacy (AACP) Stage One preparatory conditions by graduation. This course commences in week five of the semester.	Undergraduate	Semester 1, 2018	Pharmacy School	1		
Integrated Patient Centred Care 2	Build and integrate the knowledge and skills from different courses in the program and apply these in the optimisation of medicine use in the individual patient. New knowledge is acquired through evaluating evidence for drug use in all aspects of pharmacy and then integrated to develop the skills to identify and resolve drug related problems in consumers in a problem-based learning format. This course commences in week 5 of semester.	Undergraduate	Semester 2, 2018	Pharmacy School	1		

Integrated Pharmaceutical Development 1	Learning activities promote the advanced understanding of drug design, dosage forms and drug development. Working in a group, students will research, design and prepare a pharmaceutical product. This course is focused on integrating knowledge and skills related to dosage form design and drug discovery. This course commences in week 5 of semester.	Undergraduate	Semester 1, 2018	Pharmacy School	1		
Integrated Pharmaceutical Development 2	Learning activities foster advanced and integrated knowledge and skills in the areas of drug discovery, drug analysis, and dosage form design so that students acquire a deeper understanding of integrated pharmaceutical development. A focus of the course is formulation strategies and quality control analysis of pharmaceutical products, with case studies highlighting the importance of formulation design and quality control testing to support positive clinical outcomes. Students gain experience working in a team environment on a large practical project by undertaking quality control analysis of tablets and applying good laboratory practice with risk assessment. This course commences in week 5 of semester.	Undergraduate	Semester 2, 2018	Pharmacy School	1		
The Business of Health	This course combines business management with a consideration of the role of other health professions. Strategic, financial, inventory and human resource management are developed, encompassing aspects of community and hospital pharmacy. Students learn the essentials of strategic business planning and sustainable business. This course commences in week 5 of semester.	Undergraduate	Semester 1, 2018	Pharmacy School	1		
QUM Research Focussed Placement	Undertake a supervised placement in an experiential placement site that promotes the ideals and principles of Quality Use of Medicines (QUM), and conduct a relevant research project. The placement will take place during the first four weeks of semester.	Undergraduate	Semester 1, 2018	Pharmacy School	1		
QUM Research Focussed Placement	Undertake a supervised placement in an experiential placement site that promotes the ideals and principles of Quality Use of Medicines (QUM), and conduct a relevant research project. The placement will take place during the first four weeks of semester.	Undergraduate	Semester 2, 2018	Pharmacy School	1		

QUM Pharmacy Practice Placement	Undertake a supervised placement in an experiential placement site that promotes the opportunity to develop professional pharmacy practice knowledge attitudes and skills. The placement will take place during the first four weeks of semester.	Undergraduate	Semester 1, 2018	Pharmacy School	2		
Independent Research Project	This is a supervised independent research project which requires reading relevant literature, writing a hypothesis and aims, followed by involvement in experimental design, followed by analysis and interpretation. The results obtained will be used to prepare a research article following the style of a journal appropriate to the field of research.	Undergraduate	Semester 1, 2018	Pharmacy School	76		
Pharmacotherapy in Patient Care I	This course aims to advance the student in the practice of clinical pharmacy, integrating skills with knowledge to enable the pharmacist to take responsibility for patients medicines management in the healthcare setting. The appropriate application of evidence to individual patient care will be explored. Topics include up to date management of acute and chronic conditions including cardiology, respiratory disease, endocrinology, oncology and geriatrics.	Postgraduate Coursework	Semester 2, 2018	Pharmacy School	2		
Pharmacists in the Modern Health System	This course offers an introduction to social pharmacy, discussing issues on the use of medicines within society, health systems and for individuals. With a focus on important aspects of pharmaceutical care, e.g. effective patient and inter-professional communication, students will gain skills which underpin the application of clinical and therapeutic knowledge in attaining positive outcomes for patients. An optional intensive weekend workshop on interprofessional communication based on academic detailing principles and the application of EBM can be attended in lieu of some online content.	Postgraduate Coursework	Semester 2, 2018	Pharmacy School	1		
Leading and Managing the Future in Pharmacy Practice	This course offers students insight into management issues around pharmacy, pharmaceutical and health care, preparing them for leadership roles in their chosen field of clinical practice. Students will gain insight into leadership, management and organisational dynamics, quality assurance in health systems, human resource management basics, offering them skills and knowledge for advancing their career in the future.	Postgraduate Coursework	Semester 1, 2018	Pharmacy School	1		

Pharmacotherapy in Patient Care II	This course aims to advance the student in the practice of clinical pharmacy, integrating skills with knowledge to enable the pharmacist to take responsibility for patients medicines management in the healthcare setting. The appropriate application of evidence to individual patient care will be explored on topics including up to date management of acute and chronic conditions including mental health, infectious diseases and womens and mens health, palliative care, paediatrics, managing emergencies and dermatology.	Postgraduate Coursework	Semester 1, 2018	Pharmacy School	2		
Masters Research Project (P/T)	A supervised, structured research project in an area appropriate to clinical pharmacy practice. Part-time students commencing in sem 1 enrol in PHRM7071. Part-time students commencing in sem 2 enrol in PHRM7072.	Postgraduate Coursework	Semester 1, 2018	Pharmacy School	2		
Masters Research Project (P/T)	A supervised, structured research project in an area appropriate to clinical pharmacy practice. Part-time students commencing in sem 1 enrol in PHRM7071. Part-time students commencing in sem 2 enrol in PHRM7072.	Postgraduate Coursework	Semester 1, 2018	Pharmacy School	2		
Applied Pharmacy Practice 1	Further development of the technical, clinical, personal and professional skills acquired as a pharmacy graduate that form the basis of future practice. The unit explores the day-to-day practice of pharmacy including systematic problem solving, therapeutics, evidence based practice, patient monitoring and outcomes, symptomology, improving adherence, multiple medication management, pharmaceutical care, standards and competencies for pharmacy practice, ethics, legal aspects, multidisciplinary approaches to health care, primary care, over the counter medicines, communication and counselling, public health, pharmaceutical calculations, risk management and dealing with difficult clients. There are two, 2 day on-campus workshops which require attendance at the School of Pharmacy during semester.	Postgraduate Coursework	Semester 1, 2018	Pharmacy School	1		

Applied Pharmacy Practice 2	Further development of the technical, clinical, personal and professional skills acquired as a pharmacy graduate that form the basis of future practice. The unit explores the day-to-day practice of pharmacy including systematic problem solving, therapeutics, evidence based practice, patient monitoring and outcomes, symptomology, improving adherence, multiple medication management, pharmaceutical care, standards and competencies for pharmacy practice, ethics, legal aspects, multidisciplinary approaches to health care, primary care, over the counter medicines, communication and counselling, public health, pharmaceutical calculations, risk management and dealing with difficult clients. There are two, 2 day on-campus workshops which require attendance at the School of Pharmacy during semester.	Postgraduate Coursework	Semester 2, 2018	Pharmacy School	1		
Patient Focused Quality Use of Medicines 1	This course will provide an advanced level of clinical training in patient focused quality use of medicines. This integrates with workplace learning and consolidates the material delivered in PHRM7081 and PHRM7082, Applied Pharmacy Practice 1 & 2.	Postgraduate Coursework	Semester 1, 2018	Pharmacy School	1		
Patient Focused Quality Use of Medicines 2	This course will provide an advanced level of clinical training in patient focused quality use of medicines. This integrates with workplace learning and consolidates the material delivered in PHRM7081 and PHRM7082, Applied Pharmacy Practice 1 & 2.	Postgraduate Coursework	Semester 2, 2018	Pharmacy School	1		
Master of Clinical Pharmacy Placements	This course includes two experiential clinical placements of 40 hours each to further extend the practice of clinical pharmacy within a multidisciplinary team and the integration of pharmacotherapeutics into patient care. Under the guidance of experienced clinical preceptors pharmacists have the opportunity to develop knowledge, skills, attitudes and values necessary for competent and reflective pharmacy practice in their chosen clinical area.	Postgraduate Coursework	Semester 1, 2018	Pharmacy School	1		
Health Promotion, Participation and Preparation for Physiotherapy Practice	The course will provide students with the knowledge, skills and behaviours to promote optimal participation in work, leisure and sport in preparation for professional practice.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		

Foundations of Physiotherapy I: Fundamentals of Communication, Movement & Exercise	This course will provide students with fundamental knowledge relating to professional issues and communication in physiotherapy. Students will gain an understanding of the foundations of therapeutic movement and electrotherapeutic modalities and will gain clinical skills in soft tissue manipulation and task analysis.	Postgraduate Coursework	Summer Semester, 2	Health & Rehab Sci School	1		
Foundations of Physiotherapy II: Fundamentals of Examination & Measurement	This course will provide students with fundamental knowledge relating to physiotherapy examination and treatment techniques. Students will acquire skills relevant to patient assessment and will understand the role of patient examination in their overall management.	Postgraduate Coursework	Summer Semester, 2	Health & Rehab Sci School	1		
Physiotherapy Foundations I: Physiotherapy Profession & Basic Processes	Introduces the profession of physiotherapy. Issues of patients' rights & professional ethics & behaviour. Provides the student with basic vocabulary for describing human movement. Introduction to the clinical skills of communication, observation & palpation.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Introduction to Principles of Physiotherapy Assessment and Management	Emphasis on the importance of applied anatomy, physiology, biomechanics & psychology as key factors in physiotherapy diagnosis & treatment & introduction of a number of basic therapeutic movement, diagnostic & treatment skills.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Principles of Exercise in Physiotherapy Practice	This course will provide students with background knowledge relating to the place of exercise in maintaining health and well-being as well as in the prevention and management of disability. Testing procedures and models of therapeutic exercise and their relation to skill acquisition will be introduced.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		

Foundations of Physiotherapy Practice	This course provides fundamental knowledge and understanding to assess and manage patient conditions involving musculoskeletal pathology, injury and pain. The course is based on a client-centred framework, uses an interprofessional teamwork approach and includes management of occupational health and safety. As foundation for comprehensive and informed patient assessment and management, over three blocks the course covers: 1) Introduction to mobility aids, orthoses and amputee management; 2) Neuromusculoskeletal Physiotherapy: Tissue pathology repair processes, patient assessment and pain perception; 3) Medical and physiotherapy management of orthopaedic, vascular, burns and rheumatologic disorders; within a biopsychosocial framework.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Physiotherapy Specialities: Musculoskeletal IA (Lower Limb)	Focus on developing professional competencies in the areas of assessment, clinical reasoning, diagnosis & treatment selection relating to the physiotherapy management of musculoskeletal conditions of the lower limbs.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Physiotherapy Specialities: Musculoskeletal IB (Lumbar Spine & Pelvis)	The course will provide students with knowledge and understanding for the assessment and management of the client with musculoskeletal conditions of the lumbar spine and pelvis using a biopsychosocial framework.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Physiotherapy across the Lifespan A	Students in this course are prepared for practice as physiotherapists in the field of ageing through a comprehensive introduction to assessment, clinical reasoning and deductive choice for treatments suited to the individual patient. A basic introduction to medical psychology is also included in the course to enhance this capacity.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Physiotherapy Foundations II: Physiotherapy Practice and Modalities	This course provides an opportunity for students to learn the safe application of electrotherapeutic agents and to understand the role and clinical utility of new technologies in the assessment and management of clients.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Physiotherapy Specialities: Musculoskeletal C (Trunk)	Development of professional competencies in the areas of asessment, clinical reasoning, diagnosis & treatment selection relating to the physiotherapy management of musculoskeletal conditions of the lumbar spine & pelvis.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		

Physiotherapy Across the Lifespan B	This course deals with (1) assessment and management of clients from birth to 18 years, encompassing family centred practice within a multidisciplinary framework, & (2) women?s health.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Physiotherapy Specialities: Neurology	Development of knowledge & skills for the physiotherapist to use to manage neurological disorders. The assessment process, interpretation of findings, clinical reasoning, selection/application of techniques to progressively manage defined problems, & to quantify outcome is emphasised.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Physiotherapy Specialities: Cardiothoracics	Development of professional competencies in the areas of assessment & clinical management of patients with cardiorespiratory conditions	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Physiotherapy Specialties: Musculoskeletal IIB (Cervical and Thoracic Spine)	This course will provide students with knowledge & understanding of the musculoskeletal pathologies of the cervical & thoracic spines & craniomandibular region, the physical manifestations of cervical, thoracic & upper quadrant disorders, differentiation of cervical versus other origins of condition such as headache, dizziness & face pain, the clinical reasoning process in clinical assessment & diagnosis, physiotherapy treatment options, rationales & treatment selection.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Health Promotion, Participation and Preparation for Physiotherapy Practice	The course will provide students with the knowledge, skills and behaviours to promote optimal participation in work, leisure and sport in preparation for professional practice.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		

Professional Practice 1	Students will develop an ability to integrate the knowledge, physical skills, principles of evidence based practice & clinical reasoning, ethical & professional behaviours that are necessary to function competently as a physiotherapist. Students will undergo professional practice experiences using real-world and standardised patients and a range of learning tasks; such as: evidence based practice & clinical reasoning in complex cases & chronic disease management, defining the role of physiotherapists & other health care practitioners in the multiprofessional health-care team, as well as other physiotherapy practice related activities. Professional skills & reflective practice will be facilitated in order to prepare the student for challenges in health care service & delivery. Emphasis will be placed on developing student's knowledge & skills to function autonomously as primary contact health care practitioners in a range of contexts (e.g. hospital, community, ambulatory, & primary health care settings).	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Professional Practice 2	Students will develop an ability to integrate the knowledge, physical skills, principles of evidence based practice, clinical reasoning, and ethical & professional behaviours that are necessary to function competently as a physiotherapist. Students in this course will undergo a supervised full-time physiotherapy professional practice immersion. Professional skills & reflective practice will be facilitated in order to prepare the student for challenges in health care service & delivery. Emphasis will be placed on developing student's knowledge & skills to function autonomously as primary contact health care practitioners in a range of contexts (e.g. hospital, community, ambulatory, & primary health care settings).	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		

Professional Practice 3	Students will develop an ability to integrate the knowledge, physical skills, principles of evidence based practice, clinical reasoning, and ethical & professional behaviours that are necessary to function competently as a physiotherapist. Students in this course will undergo a supervised full-time physiotherapy professional practice immersion. Professional skills & reflective practice will be facilitated in order to prepare the student for challenges in health care service & delivery. Emphasis will be placed on developing student's knowledge & skills to function autonomously as primary contact health care practitioners in a range of contexts (e.g. hospital, community, ambulatory, & primary health care settings).	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	2		
Professional Practice 4	Students will develop an ability to integrate the knowledge, physical skills, principles of evidence based practice, clinical reasoning, and ethical & professional behaviours that are necessary to function competently as a physiotherapist. Students in this course will undergo a supervised full-time physiotherapy professional practice immersion. Professional skills & reflective practice will be facilitated in order to prepare the student for challenges in health care service & delivery. Emphasis will be placed on developing student's knowledge & skills to function autonomously as primary contact health care practitioners in a range of contexts (e.g. hospital, community, ambulatory, & primary health care settings).	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	3		

Professional Practice 5	Students will develop an ability to integrate the knowledge, physical skills, principles of evidence based practice, clinical reasoning, and ethical & professional behaviours that are necessary to function competently as a physiotherapist. Students in this course will undergo a supervised full-time physiotherapy professional practice immersion. Professional skills & reflective practice will be facilitated in order to prepare the student for challenges in health care service & delivery. Emphasis will be placed on developing student's knowledge & skills to function autonomously as primary contact health care practitioners in a range of contexts (e.g. hospital, community, ambulatory, & primary health care settings).	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	2		
Integrative Professional Practice 1	Students will develop an ability to integrate the knowledge, physical skills, principles of evidence based practice & clinical reasoning, ethical & professional behaviours that are necessary to function competently as a physiotherapist. Students will undergo a range of learning tasks; such as: evidence based practice & clinical reasoning in complex cases & chronic disease management, defining the role of physiotherapists & other health care practitioners in the multiprofessional health-care team, as well as other physiotherapy practice related activities. Professional skills & reflective practice will be facilitated in order to prepare the student for challenges in health care service & delivery. Emphasis will be placed on developing student's knowledge & skills to function autonomously as primary contact health care practitioners in a range of contexts (e.g. hospital, community, ambulatory, & primary health care settings).	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	2		

Integrative Professional Practice 2	In this course, students will integrate knowledge gained in previous years with ethical and professional behaviours and clinical reasoning to facilitate the transition into clinical practice. Coursework will focus on professional issues related to physiotherapy, communication with third party payers and be introduced to the systems that underpin health businesses. The learning activities will position the student to be a valued member of any organization to enhance employability.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Professional Practice 6	Students will develop an ability to integrate the knowledge, physical skills, principles of evidence based practice, clinical reasoning, and ethical & professional behaviours that are necessary to function competently as a physiotherapist. Students in this course will undergo a supervised full-time physiotherapy professional practice immersion. Professional skills & reflective practice will be facilitated in order to prepare the student for challenges in health care service & delivery. Emphasis will be placed on developing student's knowledge & skills to function autonomously as primary contact health care practitioners in a range of contexts (e.g. hospital, community, ambulatory, & primary health care settings).	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	2		
Theory, Practice & Research: Musculoskeletal Phty - Lower Limb	Focus on developing professional competencies in areas of assessment, clinical reasoning, diagnosis & treatment selection relating to the physiotherapy management & prevention of musculoskeletal pain, injury & conditions of the lower limbs.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Theory, Practice & Research: Musculoskeletal Phty - Lumbar Spine	Provides students with understanding of the musculoskeletal pathologies of the lumbar spine & pelvis, the clinical reasoning process for diagnosis & physiotherapy treatment options to effectively treat clients with low back pain, develop prevention programs & assist return to work.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Theory, Practice & Research: Phty across the Lifespan 2	This course deals with (1) assessment and management of clients from birth to 18 years, encompassing family centred practice within a multidisciplinary framework, & (2) management of women's health issues, including incontinence.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Theory, Practice & Research: Neurological Phty	Knowledge of a variety of neurological disorders & their management, assessment procedures, theories of clinical reasoning & their application.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		

Foundations of Physiotherapy III: Practice & Management	This course provides fundamental knowledge and understanding to assess and manage patient conditions involving musculoskeletal pathology, injury and pain. The course is based on a client-centred framework, uses an interprofessional teamwork approach and includes management of occupational health and safety. As foundation for comprehensive and informed patient assessment and management, over three blocks the course covers: 1) Introduction to mobility aids, orthoses and amputee management; 2) Neuromusculoskeletal Physiotherapy: Tissue pathology repair processes, patient assessment and pain perception; 3) Medical and physiotherapy management of orthopaedic, vascular, burns and rheumatologic disorders; within a biopsyshosocial framework.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Theory, Practice & Research: Musculoskeletal Phty - Upper Limb	Focus on developing professional competencies in the areas of assessment, clinical reasoning, diagnosis & treatment selection relating to the physiotherapy management of MS conditions of the upper limbs.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Theory, Practice & Research: Musculoskeletal Phty - Cervical & Thoracic Spine	Understanding of the musculoskeletal pathologies of the cervical & thoracic spines & craniomandibular region, the clinical reasoning process for diagnois & physiotherapy treatment options to treat clients with pain & dysfunction, to develop prevention programs & assist return to work.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Practice & Research in Physiotherapy Across the Lifespan 1	Students in this course are prepared for practice as physiotherapists in the field of ageing through a comprehensive introduction to assessment, clinical reasoning and deductive choice for treatments suited to the individual patient. A basic introduction to medical psychology is also included in the course to enhance this capacity.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Theory, Practice & Research: Cardiothoracic Physiotherapy	Provides students with opportunities to develop competencies in the areas of assessment & clinical management of patients with respiratory & cardiac conditions & undergoing abdominal, thoracic and cardiac surgery.	Postgraduate Coursework	Summer Semester, 2	Health & Rehab Sci School	1		
Clinical Practice & Professional Studies - Intro Musculoskeletal & Acute Care	An introductory supervised clinical placement with experiences of hospital placements in both acute (cardiorespiratory &/or orthopaedics) and outpatient musculoskeletal practice.	Postgraduate Coursework	Summer Semester, 2	Health & Rehab Sci School	1		

Clinical Practice & Professional Issues 1	With supervised practice, students will develop the core competencies & ethical & professional behaviours necessary to function as a physiotherapy clinician in a specified area.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Clinical Practice & Professional Issues 2	With supervised practice, students will develop the core competencies & ethical & professional behaviours necessary to function as a physiotherapy clinician in a specified area.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Clinical Practice & Professional Issues 3	With supervised practice, students will develop the core competencies & ethical & professional behaviours necessary to function as a physiotherapy clinician in a specified area.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	2		
Clinical Practice & Professional Issues 4	Throughout a physiotherapy professional practice immersion & a range of learning tasks, students will develop the core competencies & ethical & professional behaviours necessary to function competently as a physiotherapist within a multiprofessional health-care team. In order to prepare the student for challenges in health care service & delivery across a range of contexts, there will be emphasis on the integration of knowledge, physical skills, principles of evidence based practice & clinical reasoning, ethical & professional behaviours & reflective practice.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	2		
Integrative Practice and Professional Issues	In this course, students will integrate knowledge gained in previous years with ethical and professional behaviours and clinical reasoning to facilitate the transition into clinical practice. Coursework will focus on professional issues related to physiotherapy, communication with third party payers and be introduced to the systems that underpin health businesses. The learning activities will position the student to be a valued member of any organization to enhance employability.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Clinical Reasoning in an Evidence Based Practice Paradigm	Advances student's clinical reasoning knowledge, skills and application within an evidence based practice framework .	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Pain, Disability and the Biopsychosocial Model in Musculoskeletal and Sports Physiotherapy	Advances student's competency in pain, disability and the biopsychosocial model as it applies to sports and musculoskeletal physiotherapy.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		

Clinical Reasoning and the Biomedical Model in Musculoskeletal and Sports Physiotherapy	Advances student's clinical reasoning skills and knowledge in the fields of biological and medical sciences relevant to musculoskeletal sports physiotherapists.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Exercise is Musculoskeletal and Sport Physiotherapy		Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Advanced Musculoskeletal Physiotherapy Practice	Advances student's clinical practice technical skills of assessment and treatment for musculoskeletal physiotherapists.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Advanced Musculoskeletal Physiotherapy Clinical Science	Advances student's knowledge of biological and behavioural sciences relevant to musculoskeletal physiotherapy practice.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Clinical Practicum in Advanced Musculoskeletal Physiotherapy	Extends physiotherapists' knowledge & clinical expertise in evidence informed musculoskeletal physiotherapy of the spine & extremities.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Sports Physiotherapy Practice	Advances student's clinical practice technical skills of assessment and treatment for sports physiotherapists.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Sports Physiotherapy Clinical Science	Advances student's knowledge of biological and behavioural sciences relevant to sports physiotherapy practice.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Clinical Practicum in Sports Physiotherapy	Advances student's clinical reasoning skills and knowledge in evidence informed sports physiotherapy practice.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Research in Sports and Musculoskeletal Physiotherapy	Advances student's understanding of research in in sports and musculoskeletal physiotherapy. Develops student's research capabilities in the application of research into sports and musculoskeletal physiotherapy practice.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	2		
Sport Science (Anatomy, Biomechanics, Physiology)	Knowledge and understanding of the anatomy, biomechanics and physiology as it applies to the human body and its application to sports performance, training and injury. Application of principles and skills in understanding and assessing human performance in sports settings.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		

Statistical Mechanics	Theoretical understanding of the physical properties of samples of material of macroscopic size, on the basis of the known quantum mechanical behaviour of the constituent (microscopic) particles; micro-canonical, canonical, and grand-canonical ensembles; classical and quantum gases; photons and phonons; Planck distribution and black-body radiation; fermions and bosons; Fermi-Dirac distribution and Fermi energy; Bose-Einstein distribution and Bose condensation.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Condensed Matter Physics: Electronic properties of crystals	(Offered in odd years only) It will be shown how the electronic properties of crystals can be understood in terms of quantum mechanics and statistical mechanics. What distinguishes metals, semiconductors, and insulators? The course will be useful to students in physics, chemistry, and materials and electrical engineering.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Physiology for Human Movement Studies	This course extends students' basic understanding of cells & organisms to the level of systems physiology & pharmacology with an emphasis on the integrated regulation of the human body.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	2		
Physiology I	Systematic physiology for BPhty students. This course includes the study of cell biology and neurophysiology and the physiology of muscle, cardiovascular, pulmonary and renal function.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Physiology I	This course includes the study of cell biology and neurophysiology and the physiology of muscle, cardiovascular, pulmonary and renal function.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Physiology II	This course focuses on function of human gastrointestinal, endocrine, sensory &motor nervous systems in health & altered function in disease. The relevant pharmacology will also be addressed.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Physiology II	This course focuses on function of human gastrointestinal, endocrine, sensory & motor nervous systems in health & altered function in disease. The relevant pharmacology will also be addressed.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		

Human Function in Health & Disease A	Students will examine some basic properties of cells,the electrical and chemical communication between cells, the nature of pain and the role of respiration and the circulation in the delivery of nutrients to tissues. Each topic will include a brief introduction into common medicines used in the treatment of malfunction.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	1		
Human Function in Health & Disease B	PHYL2067 will provide an overview of human diseases in relation to physiological systems. Students will examine: 1) movement and its associated problems, 2) the role of hormones in physical disease and stress, 3) burns and pain, and 4) the absorption of nutrients and excretion of waste.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
Exercise Physiology	Physiological responses, mechanisms and adaptations in response to exercise and training. Physiological principles applied to evaluation and improvement of physical performance. Laboratory and field tests for the assessment of physical fitness and performance. Introduction to biophysical bases of human movement with specific focus upon growth & development of musculoskeletal, cardiorespiratory & neural systems in response to physical activity. This course had the previous code of HMST2730 which can be viewed in the archived area within the Course and Program site http://www.uq.edu.au/study/archive/index.html	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Advanced Exercise Physiology	Develop skills in reading, reporting and evaluating research on human physiological responses to exercise and training and to advance practical skills in major areas of measurement and programming. This course had the previous code of HMST3732 which can be viewed in the archived area within the Course and Program site http://www.uq.edu.au/study/archive/index.html	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Quantum Physics	Theoretical basic for the understanding of physical properties of systems, generally of macroscopic size, such as atoms, molecules or nuclei but also certain macroscopic systems, such as superfluids or superconductors.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		

Mechanics & Thermal Physics I	Nature of physics, kinematics, dynamics, conservation laws, rigid body rotation, oscillations, fluids and elasticity, thermodynamics, arrow of time, heat engines, laboratory experiments & error analysis.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Electromagnetism and Modern Physics	Electricity, magnetism, optics, quantum physics, relativity. Laboratory experiments.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	2		
Physical Basis of Biological Systems	An algebra-based introduction to Physics in a biological context. Topics include forces, motion, thermodynamics, waves, fluids, electricity and biomedical sensing.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	2		
Thermodynamics & Condensed Matter Physics	Theoretical understanding of general properties of macroscopic sized material systems that apply irrespective of the detailed behaviour of microscopic particles constituting the system. Understanding of matter in condensed (liquid or solid) states.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Quantum Physics	Quantum mechanics is a cornerstone of modern physics, describing physical phenomena on microscopic scales. This course provides an introduction to the basic theoretical concepts and formalism of quantum physics and covers laboratory experiments crucial to its development. It is the foundation for further studies of advanced quantum physics and quantum field theory, quantum statistical mechanics and solid-state physics.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Introduction to Fields in Physics	Introduction to field theory in physics. Topics include an overview of classical field theories, the mathematical description of field theories, and a detailed coverage of classical electromagnetism, including Maxwell's equations, and optics.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Space Science & Stellar Astrophysics	This course develops a broad understanding of the physical processes taking place in stars and solar systems. Topics include the orbits of planets and binary stars, the classification of stars, stellar atmospheres, star formation, supernovae, white dwarf stars and neutron stars. There is particular emphasis on the scientific techniques used to explore solar systems.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Dynamics, Chaos & Special Relativity	Introduction to Lagrangian & Hamiltonian mechanics including elementary treatment of chaos in Hamiltonian systems. Calculus of variations, constraints, generalised coordinates, geometrical methods. Introduction to Special Relativity including relativistic particle mechanics.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		

Advanced Dynamics and Special Relativity	Introduction to Lagrangian & Hamiltonian mechanics including elementary treatment of chaos in Hamiltonian systems. Calculus of variations, constraints, generalised coordinates, geometrical methods. Introduction to Special Relativity including relativistic particle mechanics. Advanced topics.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Electronics & Circuit Theory	Electric circuits & electronics designed for the laboratory scientist. Complex impedance & Laplace Transform methods. Elementary design of analogue & digital devices. Applications to signal processing & measurement systems.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Statistical Mechanics	Theoretical understanding of the physical properties of samples of material of macroscopic size, on the basis of the known quantum mechanical behaviour of the constituent (microscopic) particles; micro-canonical, canonical, and grand-canonical ensembles; classical and quantum gases; photons and phonons; Planck distribution and black-body radiation; fermions and bosons; Fermi-Dirac distribution and Fermi energy; Bose-Einstein distribution and Bose condensation.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Quantum Physics	Theoretical basis for the understanding of physical properties of systems, generally of microscopic size, such as atoms, molecules or nuclei, but also certain macroscopic systems, such as superfluids or superconductors.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Fields in Physics	This course consists of a survey of classical field theory in physics. The focus is on advanced electromagnetic theory, with detailed coverage of some important applications. Topics cover the mathematical structure of electromagnetic theory, including the mathematical basis of computational electromagnetics, radiation and scattering, photonics, and relativistic electrodynamics. Students will gain a sound understanding of classical field theory and electromagnetism, and topics relevant to research and practical application.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Computational Physics	Computational physics involving the Unix/Linux operating system environment and C programming. This is an introduction to computer programming & relevant numerical & graphical methods as applied to a range of physics problems. Topics include classical dynamics (ODEs), and Schrodinger's Wave Equation (PDEs).	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		

Extragalactic Astrophysics & Cosmology	This course examines galactic, extra-galactic, and cosmological astrophysics in detail. Topics to be covered include: the structure of the Milky Way, observational and theoretical aspects of galaxy formation and evolution, star formation rates, active galaxies and quasars, the cosmic microwave background, and the standard model of cosmology, including treatments of dark matter and dark energy.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Advanced Experimental Skills	The lecture component of this course deals with the design of instruments and experiments and includes an exercise in designing an instrument to solve a particular problem. The laboratory component develops several important experimental techniques with a range of classical and modern experiments. In the laboratory students will: gain experience in advanced laboratory physics by carrying out a variety of experiments including an open-ended project style experiment; learn special techniques of experimental physics, including analogue feedback control; and further develop skills in writing scientific reports and maintaining laboratory notebooks.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Perspectives in Physics Research	Perspectives in Physics Research is the Capstone course to be taken by all students completing a Major in Physics or Biophysics. This course will include elements of scientific communication, ethics in research and research experience.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Advanced Physics Research	This course will include elements of scientific communication, ethics in research and research experience. It serves as an introduction to research based activities at an advanced level.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Condensed Matter Physics: Electronic properties of crystals	It will be shown how the electronic properties of crystals can be understood in terms of quantum mechanics and statistical mechanics. What distinguishes metals, semiconductors, and insulators? The course will be useful to students in physics, chemistry, and materials and electrical engineering.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		

Advanced Quantum Theory	This course covers advanced topics from single-particle quantum mechanics, such as advanced quantum dynamics, path-integrals, and quantum decoherence. It will also cover introductory non-relativistic many-body quantum theory, relativistic quantum mechanics, and relativistic quantum field theory. We will look at selected applications from atom optics, condensed matter physics, and particle physics.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Laser Physics & Quantum Optics	This course provides an introduction to the physics of lasers, atom-light interactions, and the quantization of the electromagnetic field. The implications for the conceptual foundations of quantum mechanics and nonclassical effects which arise will be considered.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Advanced Computational Physics	This course covers advanced numerical simulation techniques used in computational physics and their application to several physical problems. Topics covered include the solution of few-body classical dynamics, quantum mechanical eigenproblems, Monte Carlo techniques, the Metropolis algorithm, and classical models of magnetism. The course will cover some topics in advanced C++ programming, including floating point numbers, vectorisation, optimisation, parallelisation, and debugging techniques. The course requires the use of C++, and this will be introduced from scratch.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Special Topics in Physics	Advanced physics topics, available only under special circumstances (for example, course to be given by a visiting lecturer in a specialty area that is not usually available). Endorsement of Head of Physics required for enrolment.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Physics Honours Research Project	Experimental or theoretical research project on topic in research field in department or another field recommended by supervisor and approved by head of department. Students commencing course in sem 1 enrol in PHYS6487 for sem 1 and sem 2; students commencing in sem 2 enrol in PHYS6488 for sem 2 and the following sem 1.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	2		

Physics Honours Research Project	Experimental or theoretical research project on topic in research field in department or another field recommended by supervisor and approved by head of department. Students commencing course in sem 1 enrol in PHYS6487 for sem 1 and sem 2; students commencing in sem 2 enrol in PHYS6488 for sem 2 and the following sem 1.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	2		
Advanced Research Literature Review	Advanced literature review of an area of experimental or theoretical physics or another field recommended by supervisor/s and approved by Head of Discipline. You will explore in-depth the cutting-edge literature of the area and write a review style article. The review article topic should be close to, but can be different from your thesis topic that is taken concurrently, and should ideally be on a topic where no such review article exists.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Advanced Physics Research Project	Advanced theoretical or experimental project in Physics or another field recommended by supervisor and approved by Head of Discipline. Students enrolling in course with #4/#6 split enrol in PHYS6501 if commencing in semester 1 or PHYS6502 if commencing in semester 2. Students enrolling in course with #6/#4 split enrol in PHYS6503 if commencing in semester 1 or PHYS6504 if commencing in semester 2. Students must enrol in the same course code in 2 semesters.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	2		
Advanced Physics Research Project	Advanced theoretical or experimental project in Physics or another field recommended by supervisor and approved by Head of Discipline. Students enrolling in course with #4/#6 split enrol in PHYS6501 if commencing in semester 1 or PHYS6502 if commencing in semester 2. Students enrolling in course with #6/#4 split enrol in PHYS6503 if commencing in semester 1 or PHYS6504 if commencing in semester 2. Students must enrol in the same course code in 2 semesters.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	2		
Laser Physics & Quantum Optics	This course provides an introduction to the physics of lasers, atom-light interactions, and the quantization of the electromagnetic field. The implications for the conceptual foundations of quantum mechanics and nonclassical effects which arise will be considered.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		

Computational Physics	Computational physics involving the Unix/Linux operating system environment and C programming. This is an introduction to computer programming & relevant numerical & graphical methods as applied to a range of physics problems. Topics include classical dynamics (ODEs), and Schrodinger's Wave Equation (PDEs).	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Fields in Physics	This course consists of a survey of advanced electromagnetic theory, with detailed coverage of some important applications. Topics cover the mathematical structure of electromagnetic theory, including the mathematical basis of computational electromagnetics, radiation and scattering, photonics, and relativistic electrodynamics. Students will gain a sound understanding of the theory of electromagnetism and topics relevant to research and practical application.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Advanced Computational Physics	This course covers advanced numerical simulation techniques used in computational physics and their application to several physical problems. Topics covered include the solution of few-body classical dynamics, quantum mechanical eigenproblems, Monte Carlo techniques, the Metropolis algorithm, and classical models of magnetism. The course will cover some topics in advanced C++ programming, including floating point numbers, vectorisation, optimisation, parallelisation, and debugging techniques. The course requires the use of C++, and this will be introduced from scratch.o cover some topics in advanced MATLAB programming, including vectorization, optimization, and debugging techniques.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Project A	This course provides a short introduction to research in physics. Students choose a topic and a supervisor, and submit a written report by the end of semester.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Extended Research Project	This course provides an introduction to research in physics. Students choose a topic and a supervisor, and submit a written report by the end of semester. Students commencing in sem 1 enrol in PHYS7743 for sem 1 and sem 2; students commencing in sem 2 enrol in PHYS7744 for sem 2 and the following sem 1. Students completing in single semester enrol in PHYS7745.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	2		

Extended Research Project	This course provides an introduction to research in physics. Students choose a topic and a supervisor, and submit a written report by the end of semester. Students commencing in sem 1 enrol in PHYS7743 for sem 1 and sem 2; students commencing in sem 2 enrol in PHYS7744 for sem 2 and the following sem 1. Students completing in single semester enrol in PHYS7745.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Perspectives in Physics Research	PHYS7900 is a capstone course that includes elements of scientific communication, ethics in research and research experience. The research component consists of a number of short research projects within research groups associated with Physics.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Planning Research Topic	This is a research-based course. Students investigate a relevant topic in the field of Planning/Development Planning, defined by the students in conjunction with their academic supervisor. The purpose of this course is to allow students to develop a deeper understanding of key Planning- related issues that interest them. Supervision is approved on a case by case basis by the course coordinator. Students will be encouraged to collaborate to facilitate their learning outcomes. In particular students will be required to identify a research or applied planning problem, specify a research question to investigate, outline measurable objectives, analyse relevant literature and present results that address the specified research question.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		
Urban Research & Evaluation Techniques	Introduction to broad range of research techniques relevant to planners. Research design, research validity and reliability, survey research, sampling, quantitative and qualitative analysis, stakeholder analysis, ethics.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		

Transport Planning	This is an introductory course on transport planning and management of transport systems. The course covers basic concepts on the interaction between transport and land use as well as with the overall urban context, integrated transport planning process, transport data and modelling, transport economics and finance, travel behaviour and travel demand management, public transport planning, active transport planning.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		
The Planning Challenge	Practical work addressing real world planning problems and the development of a range of important planning skills (e.g. graphical presentation, sieve mapping, place making, report writing, critical thinking and team work).	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		
Introduction to Planning	This course introduces students to the theories and disciplinary practice of urban planning. The course covers the challenges in International development planning as well as the Australian planning context at National, State, regional and local scales. Historical and contemporary issues, debates and contentious issues in planning are also addressed. The course will leave students with a clear understanding of &#34what is planning&#34 and some of the many challenges in shaping our cities and neighbourhoods.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		
Foundational Ideas for Planning	A survey of influential theories, concepts, and ideas from the social sciences that inform the historical and contemporary practice of planning. Economic concepts, social and behavioural theory, and systems of governance and administration will be examined and related to planning theory and practice. Students will select and explore one influential idea in-depth to creatively and cogently relate this topic to planning practice.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		

Teamwork and Negotiation for Planners	This course provides an introductory understanding of the concepts and practices of group work and teamwork, and of ways in which planners can achieve effective outcomes in negotiating and community consultation for desirable planning and development outcomes, especially as part of a planning team. Because urban planners work mainly in teams it is critical that students are aware of the issues that can arise in working within groups, including the approaches that different people take to decision-making and problem solving. The course will include a basic standard personality assessment and will then build on students' team experiences to include basic approaches to conflict management, ethical negotiation, community consultation and group dynamics.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Urban Design Studio	The PLAN2000 course will focus on developing a vision, design and implementation strategies for a specific (spatial) project area. The intention is to prepare a vision, design and precinct plan for the area. It is hoped that the experience will equip students to effectively align strategic intentions (a vision) with design outcomes, statutory rule sets (precinct plan and development codes) and associated strategies to deliver the vision.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Urban Design	This course introduces students to the design dimension of urban planning (urban design), in particular the concepts & principles which organize urban spatial components and human activity. A key concentration is the analysis of the structure, function and processes which shape contemporary cities. Students will explore the physical elements which constitute urban form, analysing aesthetic, socio-cultural, ecological & economic factors which impact upon urban design practice & policy making.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
History of the Built Environment	This course is an introduction to the history of urban settlements and their planning, focusing on critical elements, patterns, and time periods, as well as important innovations.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		

Transport Planning	This is an introductory course on transport planning and management of transport systems. The course covers basic concepts on the interaction between transport and land use as well as with the overall urban context, integrated transport planning process, transport data and modelling, transport economics and finance, travel behaviour and travel demand management, public transport planning, active transport planning.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Plan Making	Practical work on complex planning problems designed to integrate subject material covered in third year of program; generally involves projects dealing with metropolitan, regional or city centre planning issues.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Applied Research Methods	A course in basic research methods that covers development of research objectives, research design, sampling, quantitative and qualitative analysis, and evaluation research. Emphasis on social research methods including surveys, interviews, and group techniques. Development of practical and analytical skills using software for quantitative and qualitative data analysis.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		
Community Planning & Participation	This course examines public participation and community planning and policymaking. It will be of interest to students in the planning, policy, design, and environmental management fields. The course begins by asking: why involve the public in planning and policymaking? This leads to an examination of the politics of planning, the tension between local and professional knowledge in policy-making, and the many and varied understandings of "community". The course then considers the co-evolution of planning and public participation in national and international contexts.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		

Planning Theory	The focus of this course is on both the theory and practice of planning. In particular, this course intends to provoke students to think about what "good planning" means and of ways and means of improving the theoretical base and the practical operation of planning. Understanding planning theory will help future planners to understand how planning is practiced, why planning is done in particular ways, and provide them with a perspective about the roles that planners play. Critical questions will be explored, including: (a) should planners think like architects, social critics or private developers, (b) should plans be grand and comprehensive or cautious and incremental, (c) should planners assist or resist the private market, (d) should planners be neutral professionals or social advocates, (e) should planners create utopian visions of how cities could be or to pragmatically deal with cities as they are, and (f) should planners develop complex theories of urbanisation and decision-making, or simply deal with immediate practical and professional challenges? The course is structured around an exploration of recent approaches to planning theory, and how they have given shape to planning practice. It also considers the professional status of planning and the ethical standards of the profession.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		
Planning Thesis	Research thesis describing the background, methods and discussion of research work executed. Students will build upon the research proposal (GEOS6001) developed in their previous semester of studies.	Undergraduate	Semester 2, 2018	Earth and Environment Sc Schl	1		
Research Topic (Planning)	Advanced coursework, field study or research project to complement the planning specialisations. A research topic approval form must be submitted before enrolment can be completed. Contact School for details.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		

Advanced Planning Practice	This course is designed to equip final year planning students with advanced-level skills and expertise so they can contribute competently to the more complex professional situations they are likely to face in the workplace. It will build on previous courses, especially those concerned with planning law; and will cover matters such as making and assessing complex development applications for a variety of types and scales of land use (residential, commercial, master plan, etc), writing and using planning codes, given expert evidence in court, the role of planners in multi-professional teams, dealing with complex heritage, landscape and aesthetic planning issues, and producing professional reports. There will be a strong component of professional ethics and civic responsibility in the course. The course will make extensive use of up-to-date case studies.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		
Professional Planning Practicum	This course provides the opportunity for students to learn in a workplace environment. Students are responsible for finding and arranging a professional work placement, subject to Planning Program approval, that provides meaningful work experience in the planning profession. The course will require attendance, participation, observation, critical reflection, and report writing on workplace activities and experiences. The emphasis of critical reflection and report writing will be on identifying and describing aspects of professional relevance incorporating: planning practice; collaboration and teamwork; work place health and safety; professional ethics; and other aspects of the work place experience.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	2		
Planning Theory	The aim of this course is to introduce students to the purpose, theory and practice of planning and to show how and why it has developed into a recognised professional activity. The course is structured around an exploration of recent approaches to planning theory, and how they have given shape to planning practice. It also considers the professional status of planning and the ethical standards of the profession.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		

Community Planning & Participation	This course examines community planning and public participation. It will be of interest to students in the planning, policy, design, and environmental management fields. The course begins by asking: why involve the public in planning and policymaking? This leads to an examination of the politics of planning, the tension between local and professional knowledge in policy-making, and the many and varied understandings of "community". The course then considers the co-evolution of planning and public participation in national and international contexts.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		
Urban Design	This course introduces students to the design dimension of urban planning (urban design), in particular the concepts & principles that organize urban spatial components and human activity. A key concentration is the analysis of the structure, function and processes that shape contemporary cities. Students will explore the elements constituting urban form, analysing aesthetic, socio-cultural, ecological & economic factors, which impact upon urban design practice & policy making.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		
Strategic Metropolitan Planning	The strategic planning process in a framework of world urbanization and regional and metropolitan development. Finance and governance, demographic elements, infrastructure and key planning issues.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		
Plan Making	The course will integrate theories of urban planning, urban economics, and urban design. Students will learn how to: apply urban regeneration theory to a specific location; audit a site; develop a conceptual development plan or vision; develop a design proposal that is commercially viable; cost a development; and assess project feasibility.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		

Planning Practicum	This course provides the opportunity for students to learn in a workplace environment. Students are responsible for finding and arranging a professional work placement, subject to Planning Program approval, that provides meaningful work experience in the planning profession. The course will require attendance, participation, observation, critical reflection, and report writing on workplace activities and experiences. The emphasis of critical reflection and report writing will be on identifying and describing aspects of professional relevance incorporating: planning practice; collaboration and teamwork; work place health and safety; professional ethics; and other aspects of the work place experience.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	3		
International Field Course: Understanding Development Complexities	The course provides an opportunity for students to better understand and experience the issues and complexities of development in the Global South. The course will involve three pre-departure workshop sessions prior to the field trip (at UQ St Lucia campus), as well as a 10-day field trip to a selected country in the Asia-Pacific region. Additional fees payable. For further information, and to express your interest in applying for this course, please see field-trips. In the event that students complete the fieldwork and then subsequently withdraw from this course without financial liability, the School reserves the right to charge full cost recovery for this field trip.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		
Research Project (Planning)	Individual research studies. A research topic approval form must be submitted before enrolment can be completed. Contact School for details. Students completing the course over a single semester enrol in PLAN7400. Students completing over a year and commencing in sem 1 enrol in PLAN7410 for sem 1 and sem 2; commencing in sem 2 enrol in PLAN7420 for sem 2 and the following sem 1; commencing in summer sem enrol in PLAN7430 for summer sem and the following sem 1; commencing in sem 2 enrol in PLAN7440 and the following summer sem.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		

Research Project (Planning)	Individual research studies. A research topic approval form must be submitted before enrolment can be completed. Contact School for details. Students completing the course over a single semester enrol in PLAN7400. Students completing over a year and commencing in sem 1 enrol in PLAN7410 for sem 1 and sem 2; commencing in sem 2 enrol in PLAN7420 for sem 2 and the following sem 1; commencing in summer sem enrol in PLAN7430 for summer sem and the following sem 1; commencing in sem 2 enrol in PLAN7440 and the following summer sem.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		
Research Project (Planning)	Individual research studies. A research topic approval form must be submitted before enrolment can be completed. Contact School for details. Students completing the course over a single semester enrol in PLAN7400. Students completing over a year and commencing in sem 1 enrol in PLAN7410 for sem 1 and sem 2; commencing in sem 2 enrol in PLAN7420 for sem 2 and the following sem 1; commencing in summer sem enrol in PLAN7430 for summer sem and the following sem 1; commencing in sem 2 enrol in PLAN7440 and the following summer sem.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		
Research Project (Planning)	Individual research studies. A research topic approval form must be submitted before enrolment can be completed. Contact School for details. Students completing the course over a single semester enrol in PLAN7400. Students completing over a year and commencing in sem 1 enrol in PLAN7410 for sem 1 and sem 2; commencing in sem 2 enrol in PLAN7420 for sem 2 and the following sem 1; commencing in summer sem enrol in PLAN7430 for summer sem and the following sem 1; commencing in sem 2 enrol in PLAN7440 and the following summer sem.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		

Research Project (Planning)	Individual or group research studies. A research topic approval form must be submitted before enrolment can be completed. Contact School for details. Students completing the course over a single semester enrol in PLAN7400. Students completing over a year and commencing in sem 1 enrol in PLAN7410 for sem 1 and sem 2; commencing in sem 2 enrol in PLAN7420 for sem 2 and the following sem 1; commencing in summer sem enrol in PLAN7430 for summer sem and the following sem 1; commencing in sem 2 enrol in PLAN7440 and the following summer sem.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		
Research Project	Individual research project and/or field trip in an area of specialisation offered (on a discretionary basis) by staff members in their field of interest. Head of School consent is required. Prior to obtaining consent, intending students must discuss their project with, and obtain agreement to supervise that project from an appropriate member of academic staff. A consent form must be completed and submitted. Contact School for details. Students completing the course over a single semester enrol in PLAN7510. Students completing over a year and commencing in Semester 1 enrol in PLAN7520 for Semester 1 and Semester 2; commencing in Semester 2 enrol in PLAN7530 for Semester 2 and the following Semester 1; commencing in Semester 2 enrol in PLAN7540 and the following Summer Semester; commencing in Summer Semester enrol in PLAN7550 for Summer Semester and the following Semester 1.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		

Research Project	Individual research project and/or field trip in an area of specialisation offered (on a discretionary basis) by staff members in their field of interest. Head of School consent is required. Prior to obtaining consent, intending students must discuss their project with, and obtain agreement to supervise that project from an appropriate member of academic staff. A consent form must be completed and submitted. Contact School for details. Students completing the course over a single semester enrol in PLAN7510. Students completing over a year and commencing in Semester 1 enrol in PLAN7520 for Semester 1 and Semester 2; commencing in Semester 2 enrol in PLAN7530 for Semester 2 and the following Semester 1; commencing in Semester 2 enrol in PLAN7540 and the following Summer Semester; commencing in Summer Semester enrol in PLAN7550 for Summer Semester and the following Semester 1.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	2		
Research Project	Individual or group research project and/or field trip in an area of specialisation offered (on a discretionary basis) by staff members in their field of interest. Head of School consent is required. Prior to obtaining consent, intending students must discuss their project with, and obtain agreement to supervise that project from an appropriate member of academic staff. A consent form must be completed and submitted. Contact School for details. Students completing the course over a single semester enrol in PLAN7510. Students completing over a year and commencing in Semester 1 enrol in PLAN7520 for Semester 1 and Semester 2; commencing in Semester 2 enrol in PLAN7530 for Semester 2 and the following Semester 1; commencing in Semester 2 enrol in PLAN7540 and the following Summer Semester; commencing in Summer Semester enrol in PLAN7550 for Summer Semester and the following Semester 1.	Postgraduate Coursework	Semester 2, 2018	Earth and Environment Sc Schl	1		
Principles of Project Management	Rationale & environment of project management in terms of the core knowledge areas identified by the Australian Institute of Project Management: integration, scope, time, cost, quality, human resources, communication, risk & procurement.	Postgraduate Coursework	Semester 1, 2018	Business School	1		

Applications of Project Management	Reappraisal & reinforcement of core knowledge areas of project management; asset & operations applications of project management; group project & presentation.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Honours Research Thesis Part B	A 16,000 word thesis reporting the findings of a year-long research project. Students commencing in Semester 1 enrol in POLS6305 for two consecutive semesters.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		
Creativity and Design in Political Research	This year-long course is organised into four modules: 1) Political Science as a Discipline 2) Creativity and Theorising in Research 3) Methodological Argumentation and Evaluation 4) Methods. Students will learn how to undertake creative and interesting research, driven by good research questions, grounded in the discipline of political science, using illuminating methods appropriate to the central research question/s. Students commencing in Semester 1 enrol in POLS6315 for two consecutive semesters and Students commencing in Semester 2 enrol in POLS6316 for two consecutive semesters.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		
Frontiers of Research	This year-long course consists of six three-day masterclasses offered across Semesters 1 and Semester 2, presented by leading researchers in the School and Visiting Scholars. This course aims to bring Honours students into direct contact with cutting edge research and each masterclass will engage students in a current project of one of the leading researchers in the school. Students are required to take three of the masterclasses across the year and are encouraged to choose a breadth of offerings. Students commencing in Semester 1 enrol in POLS6325 for two consecutive semesters and Students commencing in Semester 2 enrol in POLS6326 for two consecutive semesters.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		

Introduction to Australian Politics	This course provides an introductory study of Australian system of government focusing on key political institutions such as parliament, cabinet, federalism, the constitution, High Court, parties, and the public service. POLS1101 explains how the Australian political system works, highlighting both the formal structures and informal practices characteristic of Australian politics. POLS1101 develops the research, writing and analytical skills required for further study in political science and related courses.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	2		
Introduction to International Relations	This course equips students with the conceptual tools for better understanding the changing nature of modern international relations. Topics covered include the 'traditional agenda' of war and peace, state sovereignty, nationalism, insecurity and war, nuclear weapons, international law, and the just war tradition; and the 'new agenda' of global governance and globalisation, non-state actors, terrorism, human rights and humanitarian intervention.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	2		
Introduction to Political Ideas	An introductory study of some important political ideas in the world today including liberalism, conservatism, nationalism, religious fundamentalism, socialism, multiculturalism, ecologism and Indigenous political thought.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	2		
Introduction to Peace & Conflict Analysis	Introduces students to peace and conflict studies. In particular, it focuses on the causes of war and violence, the relationship between security and development, human security, the ethical and legal restraints on war, the politics and practice of humanitarian aid, and the role of international institutions such as the United Nations and Red Cross. The course will focus on contemporary cases, focusing on - among other things - the genocide in Rwanda, emergency response to the tsunami, the debt crisis and global poverty, the challenges of rebuilding Iraq, the humanitarian disaster in Darfur, and the question of UN reform.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	1		
Power, Politics & Society	This course examines a number of key concepts including politics, power, citizenship, equality, freedom, rights and human rights, democracy, diversity, globalisation, protest and resistance. These concepts will be explored both theoretically and in relation to a number of current political issues.	Undergraduate	Semester 2, 2018	Politic Sc & Internat Studies	1		

Introduction to International Inequality & Development	This course introduces students to the relationship between development and inequality in world politics. It explores historical experiences of development, theories of development and contemporary issues, such as trade, hunger and the role of women in development. Throughout, the course focuses on critically investigating competing concepts and approaches to development, and considers those in the context of the struggles for justice.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	1		
Indigenous Politics & Policy	This course traces the political relationship between indigenous and non-indigenous peoples of Australia as an instance of wider global relations among indigenous societies, colonial powers and contemporary national and international regimes and institutions. Students will gain an understanding of government policies and the responses to these practices by indigenous peoples by critically evaluating the political frameworks and policy responses to these practices by indigenous peoples by critically evaluating the political frameworks and policy responses used to deal with indigenous-settler relations. The course will consider - among other topics - land, citizenship and identity, self-determination, "Close the Gap" and constitutional recognition.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	1		
Australian Foreign Policy	This course examines contemporary Australian foreign policy. We explore theories of foreign policy in international relations before examining the process of foreign policy formation and the role of history, culture and identity in influencing Australian foreign policy. We then apply these insights to Australian foreign policy in exploring Australia's key relationships (including the US, Asia-Pacific and UN system) and its engagement with key issues in global politics (including security, economics, development and environment).	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	1		

International Relations of East Asia	This course deals with the contemporary international relations of East Asia, including the sub-regions of Southeast Asia and Northeast Asia. It begins by analysing the region's historical development, colonisation and decolonisation process, and its influence on contemporary political, economic and security relations, especially as they impact on democratic reform and 'good governance'. It examines the sub-regional politics of Southeast Asia and Northeast Asia, before making a detailed analysis of prospects for institutionalisation and regionalisation in East Asia as a whole. The course also explores the foreign policies of major powers within the region including Japan, China, and Indonesia. Throughout the course, engagement with debates central to International Relations theory is promoted in order to understand the most significant economic and political factors that underwrite a dynamically evolving regional order.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Terrorism & Insurgency in World Politics	Terrorism and insurgencies are increasingly identified as a growing source of conflict in the post-Cold War world. This course analyses the development of terrorism as a form of political violence in the context of the rise of the modern state and international state system. It examines the dilemmas associated with, and limitations of, conventional counter terrorist responses in countries such as Australia and the United States.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	1		
Global Security	This course examines security in international relations. We examine debates about the meaning of security in international relations and debates about the role, origins and changing nature of warfare in the international system. We then explore key global security dynamics ranging from the arms trade to nuclear proliferation, ethnic conflict and terrorism, and the contours of a new global security agenda in which we explore the relationship between security and poverty, disease and environmental change.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	1		
International Organisations & Political Cooperation	Examines cooperation by states in international relations, focusing on political, economic, security and human rights regimes evident in international organisations,especially the United Nations, the European Community, the OSCE, NATO, ASEAN and APEC.	Undergraduate	Semester 2, 2018	Politic Sc & Internat Studies	1		

Humanitarianism in World Politics	Human security emerged in the 1990s as an alternative to the traditional state-based national security paradigm. It is based on the idea that individuals, rather than states, should be the primary referent point for security and consequently that the provision of security for civilian populations is a responsibility of both the state and the international state system. This pivotal shift is not without tensions and problems, the most significant of which is that threats to the individual may be significantly different than threats to the state and may even encompass the state itself.At the same time, the human security concept remains exposed to academic and policy debates around whether threats should be narrowly (the freedom from fear agenda) or broadly (the freedom from want agenda) defined. Thus the course will focus on these divisions and on how human security changes the role that different actors and the international community play in conflict; examining how conflict affects individuals -- including civilians, refugees, and internally displaced persons -- and how humanitarian actors respond; as well as recent developments at the UN level including the protection of civilians agenda and the Responsibility to Protect doctrine on humanitarian intervention.	Undergraduate	Semester 2, 2018	Politic Sc & Internat Studies	1		
Culture and World Politics	Cultural diversity is fundamental to the human condition, and an existential condition of world politics. But how should we understand cultural diversity, and how does it affect the play of politics globally? This course explores the complex and contested nature of culture, as well as the multiple axes of cultural diversity, and examines the effects of cultural identities, values, and practices on domestic and international politics. It begins by comparing constitutive, strategic, and institutional perspectives on culture, and then explores the following topics: culture and international order; religion in world politics; the `clash? of civilisations; and ethnicity and nationalism. It concludes by examining the challenges of cultural diversity for the modern international order, focusing on questions of sovereign equality, international law, and human rights.	Undergraduate	Semester 2, 2018	Politic Sc & Internat Studies	1		

Political Thought: Machiavelli to Modernity	The course examines the history of political thought in western Europe, from Machiavelli to Marx. Students will be introduced to the practice of intellectual history and encouraged to use its tools to understand political issues today.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	1		
Politics & the Economy	The course examines the economic importance of politics in Australia and elsewhere. Literature on the institutional determinants of economic performance will be presented in the context of the key institutions of economic policy advice and key economic policy debates. Students will be provided with an empirical background that will allow evaluation of conflicts over economic management and industrial restructuring and 'new' forms of decision making, as well as associated conceptual controversies in political economy and state theory.	Undergraduate	Semester 2, 2018	Politic Sc & Internat Studies	1		
Globalisation & International Political Economy	This course examines the political aspects of economic globalization. It introduces students to a classical and contemporary theoretical perspectives on international political economy. The course treats globalizing tendencies as distinct phenomena in their own right and as an influence on domestic public policies in individual nations. Key issues include the conflict between forces seeking to facilitate globalization and those seeking to resist it. The course allows students to draw connections between the School's offerings in international relations and in political economy.	Undergraduate	Semester 2, 2018	Politic Sc & Internat Studies	1		

The Political Dynamics of Development and Resistance	This course focuses on the politics of global development processes. It examines the contemporary development constellation and explores the way in which local and global contexts are increasingly interconnected in an era of globalisation. We investigate the diverse actors involved in the development process, from local groups through NGOs, national development agencies, private actors, and multilateral institutions (such as the IMF and the World Bank), and consider the political implications of their interactions. The course traces the relevance of historical legacies and considers their implications for the changing political contexts of development in the 21st century. We examine regional experiences of development, as well as the way in which development in an era of globalisation is transforming national development experiences. The final part of the course is dedicated to examining contemporary development and poverty reduction approaches, such as the Millennium Development Goals and the Poverty Reduction Strategy Paper initiatives.	Undergraduate	Semester 2, 2018	Politic Sc & Internat Studies	1		
International Relations of the Twentieth Century	This course examines the evolution of international relations from 1900 to the present, and is intended to provide students with a comprehensive understanding of the key developments that have shaped world politics and the discipline of international relations. This course is particularly targeted at students of international relations (IR), and provide those students with knowledge about the evolution of IR as a discipline, a sense of the relationship between IR theory and the major dynamics/ events of world politics, and provide context to the examination of contemporary world politics. Each week of the course, therefore, attempts to link key developments in world politics to the emergence/dominance of particular frameworks for thinking about international relations.	Undergraduate	Semester 2, 2018	Politic Sc & Internat Studies	1		

Conflict & Nonviolent Change	This course explores the philosophical underpinnings and practical application of nonviolence as a means for effecting social change. Making extensive use of case studies and primary sources, we study the relationship between violence and nonviolence in particular historical contexts, as well as examining debates over the ethics and efficacy of resistance. By focusing on nonviolence, as well as its ostensible opposite, we gain insight into the character of social relations and the distinct forms of violence and nonviolence which mark the everyday lived experiences of people across the world. Such insights allow us to think anew about the nature of contemporary conflicts and resistance movements, including, for example, consideration of the role of new technologies and social media in the pursuit of social change.	Undergraduate	Semester 2, 2018	Politic Sc & Internat Studies	1		
Theories of Peace and Conflict Studies	Peace and Conflict Studies is an interdisciplinary field of study with a commitment to the non-violent management and resolution of conflict from the local to the international level. To pursue this goal, core political concepts such as power, order, violence and justice are theorized in distinctive ways. This course develops an understanding of key theoretical approaches in peace and conflict studies research, and enables students to understand the relevance of theory to practice in this field. Students will engage in critical dialogue on questions such as how we identify actors in peace and in conflict, and how we can work against differing forms of violence and reconstitute just and participatory social and political order in the wake of violence.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	1		

Gender and Global Politics	This course explores the relevance of gender to the study of global politics. We approach gender as a complex and contested social construction that intersects with other axes of social identity to influence the way that we experience and understand the world. We examine how gender shapes and is shaped by the discourses, structures, and institutions of global politics, including those of development, health, the economy, human rights, war, peace, and colonialism. The course is designed to impart skills in gender analysis and to develop student capacity for independent research, critical thinking, and ethical reflexivity.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	1		
Principles of Research: Social and Comparative Perspectives	This course addresses controversies over the principles and practice of social science research. It provides an overview of contrasting approaches to research in the social sciences, the foundations that underpin them and contestations over their claims to knowledge and truth. Trends in social research are reviewed with particular focus on debates over the design and value of cross-national and cross-cultural research and the potential to inform evidence-based policy. The overall aims are to sensitise students to the contested nature of social research and to produce critical consumers with the skills necessary for interpreting claims from social science.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	1		

Governance & Australian Public Policy	This course is structured around four debates which characterize the study of governance and public policy. The first is the government to governance debate. Are we now in an era of governance in which state power and traditional modes of government have been hollowed out? The second debate is between representative democracy and more participative forms of policymaking. In the face of declining trust and support for traditional representative institutions, should we be searching for answers in mechanisms which include citizens more often in policymaking? The third debate is between structure and agency. How can we square this circle theoretically so that we might explain governance and policymaking with respect to both? Finally, rational versus post-rational knowledge. What types of knowledge and ways of knowing are best for the formulation and implementation of policy? As we weave through these debates we rely on a range of policy examples (environmental policy, water management, indigenous policy, disaster management) and invite policy practitioners from government into our class to discuss their experiences.	Undergraduate	Semester 2, 2018	Politic Sc & Internat Studies	1		
Advances in Political Psychology	Why do some disenfranchised groups engage in collective action, while others accept their inferior position? How could an authoritarian leader like Hitler acquire such a massive following? Why do some leaders become regarded as charismatic, while others are dismissed as uninspiring? Why are some people attracted to the political left, while others are drawn to the right? What can policy-makers do to secure lasting attitude- and behaviour change? These, and many other questions, are the province of political psychology, a field that uses qualitative and quantitative methods and psychological theories as tools to help understand political processes. In this advanced-level course, students are familiarized with the most prominent debates in political psychology, as well as with more contemporary perspectives that problematize the many assumptions about human behaviour and motivation underlying these classic perspectives.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	1		

Power and Order in Transnational Politics	How is change possible in the international system? How do actors bring it about, and which actors matter? 'Power is the production, in and through social relations, of effects that shape the capacities of actors to determine their own circumstances and fate'. Such a view is substantially different than that espoused by the realist school, which focuses primarily on the material capabilities of states. While the state is the primary actor in international relations, today its power is challenged along a number of directions: whether by changes at the domestic level; by international actors such as international and non-governmental organizations and transnational actors; by events outside its control, whether globalization, conflict, or state failure; and finally by the very structures of international society. This course will use the role of the state in the international system today to explore issues of agency, the emergence of new forms of global governance, and the rise of new transnational threats and problems	Undergraduate	Semester 2, 2018	Politic Sc & Internat Studies	1		
Policy Challenges of Asia-Pacific Security	The course considers the main security challenges in the Asia-Pacific - military & non-traditional - focusing on major debates over policy responses to them. The Asia-Pacific is the world&#x27s most economically dynamic region. It is also one of the world&#x27s worst hot-spots for a host of security problems: the rise of China is challenging American primacy in the Asia-Pacific, a key fixture since the end of World War II; on the Korean Peninsula, the threat of nuclear war is very real; and the region&#x27s rapacious and rapid economic development has generated or exacerbated a wide range of non-traditional security problems, such as pandemics, climate change and environmental degradation. This course considers the main security challenges in the Asia-Pacific - both military and non-traditional - focusing on major debates over policy responses to them. It seeks to equip students with the capacities to analyse security problems in the region and provide relevant policy advice.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	1		

Conceptions of World Politics	This course was previously offered as POLS2208. Students who commenced their program from 2014 should complete and obtain credit for this course as POLS3208. Please note: the course Levels are not interchangeable - if the course was completed as a Level 2 it cannot be credited as a Level 3. The principal purpose of this course is to introduce students to the various theoretical approaches to the study of world politics. The subject matter of political theory - who gets what, when, where and how on a global scale - is open to a number of contrasting interpretations. The course therefore helps students critically engage with the ways in which ideas shape the practices of global politics. The course examines rival paradigms such as realism, liberalism, constructivism and feminism, as well as key concepts such as power, the international system, the state, anarchy, sovereignty, security, governance and norms.	Undergraduate	Semester 2, 2018	Politic Sc & Internat Studies	1		
The Politics of Peacebuilding	There is a great deal of writing about war, violence, and trauma but often little about how such issues are addressed in post-conflict situations. Peacebuilding brings together the theory and practice of conflict resolution, humanitarian intervention, human rights and development. The development of peacebuilding is becoming one of the most pressing contemporary international issues as the world seeks answers to entrenched civil war conflict. Peacebuilding challenges confront organisations from the United Nations to international non-government organisations and states from Afghanistan to Australia. In this course we develop an understanding of contemporary theories of peacebuilding and critically engage with peacebuilding at both a theoretical and practical level.	Undergraduate	Semester 2, 2018	Politic Sc & Internat Studies	1		

Global Media, War and Peace	This course explores the origins and contemporary roles of media in international affairs, both as a source of information and, increasingly, as an important medium of war, peace, and diplomacy. The course is composed of three tracks. The first is foundational, focusing on the dual development of colonial and media empires from early days of the panorama, photography, print media, radio, TV, global news corporations, to today?s Internet (web 2.0) - thus covering the origins of and evolution from old to digital new media. The second is theoretical, using classical International Relations and critical theory to examine media as product and instrument of cultural, economic and political struggles. The third is practical, using second weekly 'Global Media Workshops' in which guest media practitioners (from war reporters, film documentary makers, bloggers, to social media activists) teamed with International Relations theorists will present classes in a variety of media, including print, photography, radio, cinema, television, and online convergences. Combining history, theory, critical viewing, and film screenings, and based on a retrospective study of news media, documentaries, and critical media theory, the course will map the complex contemporary global media environment where the satellite, Internet and cell phone, among other recent technologies, have created a new political panorama of messages, meanings and stratagems directly affecting international politics and questions of war and peace.	Undergraduate	Semester 2, 2018	Politic Sc & Internat Studies	1		

Internship	This is a restricted entry course. Internships undertaken to gain credit for POLS3801 must be pre-approved by the course coordinator. To be eligible to apply to POLS3801 students must (a) be enrolled in a program in which POLS3801 can be credited, (b) completed at least #12 units of POLS and/or PPES courses, and (c) achieved a GPA of 5 or higher for these courses. Eligible applicants are not automatically guaranteed a place in the course. The Internship is based on a mutually agreed partnership between the student and an external organisation. Interns are expected to carry out a project on a topic/issue of direct interest to the external organisation. Established internship partners include: Queensland Parliament, Queensland Government Departments, MPs and Senator?s Electoral Offices, and other national and international, government and non-government agencies. All additional costs incurred by students undertaking this course remain the responsibility of the student. Note ? The summer semester offering of this course is available to students accepted to participate in the Uni-Capitol Washington Internship Programme. BPPE(Hons) students may undertake the course for this purpose, however BPPE(Hons) students will not otherwise be able to enrol in the course. Further information including how to apply is available at https://polsis.uq.edu.au/student-support	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	2		
Independent Study	This is a restricted entry course and requires prior approval from the School. The independent study option allows students of exceptional ability to engage in a minor research project. This course can only be undertaken if the planned project is of immediate interest to a potential academic supervisor. Students would be expected to have completed the equivalent of 2 years of full-time study in their undergraduate degree, #12 units of POLS courses with a minimum gpa of 5.5 in these courses. Information about applying to the school to undertake this course is available at : https://polsis.uq.edu.au/student-support	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	2		

Landmarks of Political Science	This capstone course addresses foundational political questions such as: how should we organize our societies? What is justice? Whose responsibility is it to create a just society? What is the state and what power should it have in our lives? How do we understand and perform political identities around citizenship, subjecthood, gender and race? Students will engage with these ideas through contemporary examples and through their own reading of landmark texts.	Undergraduate	Semester 2, 2018	Politic Sc & Internat Studies	1		
Honours Research Thesis Part A	A 16,000 word thesis reporting the findings of a year-long research project. Students enrol in POLS6305 in both Semester 1 and Semester 2	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	2		
Writing Politics	This course aims to provide students with foundational knowledge and skills relevant to the study of politics across the areas of Governance and Public Policy, Peace and Conflict Studies and International Relations. Before one can write well in politics, one must be able to read well. Thus, the course begins with consideration of the importance of critically reading texts in order to recognize both argument and underlying assumptions. Doing so requires acknowledgment of the open-ended or essentially contested nature of many of the concepts that are used in political discourse and analysis. Such recognition equips us to be informed readers and therefore more skilful analysts and writers in our chosen field. Through close reading of texts, interactive class exercises and a number of written assignments students will have the opportunity to build their analytical and writing skills in this field.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	2		
Creativity and Design in Political Research	This year-long course and students enrol in two consecutive semesters. Students will learn how to undertake creative and interesting research, driven by good research questions, grounded in the discipline of political science, using illuminating methods appropriate to the central research question/s. The course consists of three parts: 1. Understanding political science as a discipline 2. Practical skills for undertaking research in the field 3. Examples of different methods and their application	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	2		

Frontiers of Research	This year-long course consists of six three-day masterclasses offered across Semesters 1 and Semester 2, presented by leading researchers in the School and Visiting Scholars. This course aims to bring Honours students into direct contact with cutting edge research and each masterclass will engage students in a current project of one of the leading researchers in the school. Students are required to take three of the masterclasses across the year and are encouraged to choose a breadth of offerings. Students commencing in Semester 1 enrol in POLS6325 for two consecutive semesters and Students commencing in Semester 2 enrol in POLS6326 for two consecutive semesters.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	2		
Foundations in Political Ideas	This course provides postgraduate students with no prior background in politics a necessary grounding in the study area. Students will be introduced to study of some important political ideas in the world today including liberalism, conservatism, nationalism, religious fundamentalism, socialism, multiculturalism, ecologism and Indigenous political thought.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	2		
Overview of Australian Political Institutions	An overview of Australian politics focusing on key political institutions such as parliament, cabinet, federalism, the constitution, pressure groups, parties, and the public service. The course explains the way in which Australian federal government works, highlighting both the formal foundations and informal practices characteristic of Australian politics. Suitable for international students and other students with a limited knowledge of Australian politics.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	2		

Dynamics of Governance	This course deals with the practices of modern governance. Governance can be defined as the tools, strategies and relationships used by governments to help govern. Interest in governance has in part been spurred by the view that governments should experiment more with `non-governmental' mechanisms in dealing with pressing problems, for example, through the use of market mechanisms, or by forging collaborative or partnership relationships with civil society or community organisations. A central argument in this course, however, is that the role of governments and state agencies remains central to governance strategies, and that governments have an important responsibility to oversee, steer, resource and render accountable all forms of governance. This notion of the `government of governance' can be termed `metagovernance'. The course also deals with questions of knowledge and rationality in policy and governance systems and about how ideas and discourses shape the world of policy and governance. The course also explores the impact of power and institutional arrangements in shaping governance practices.	Postgraduate Coursework	Semester 2, 2018	Politic Sc & Internat Studies	1		
Globalisation, International Political Economy and Development	This course examines the economic and political aspects of globalisation. It introduces students to a range of theoretical perspectives on international political economy, globalisation and development. Globalisation is conceived of as both a distinct phenomenon in its own right and as an influence on domestic and trans-national relations. Specific issues include consideration of the evolving international economic system and the new governance structures that seek to shape it, and the way such processes have influenced development outcomes.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		

Law, Policy and Governance	This subject examines law as an instrument of governance. The topics covered include constitutionalism and the rule of law, administrative law, freedom of information, judicial review, conceptions of justice, the courts and the adversarial system, Australian constitutionalism and the federal system, the judicialisation of politics, anti-discrimination, the law as an instrument in constructing social categories, and access to the law.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		
Dynamics of Public Policy	The course locates public policy processes within the wider political system and introduces the basic principles of the public policy process. The focus is on what governments and states do in policy terms, why they do it and what difference it makes. The components of the policy process are identified and examined in the context of case studies of particular policy areas from the country of origin of each student.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		
Comparative Public Policy	This course examines the strengths and limitations of a comparative approach to the analysis of public policies. It evaluates different methodological approaches used in the comparison of policies between and within countries, and critically assesses the potential for policy transfer. Selected policy areas of current or ongoing concern in contemporary political systems are used to illustrate the types of lessons that can be drawn from comparison. The course equips students with the ability to critically evaluate comparative policy studies and to engage effectively in current debates over policy directions.	Postgraduate Coursework	Semester 2, 2018	Politic Sc & Internat Studies	1		

Knowledge and Evidence in Public Policy	This course frames public policy as a cognitive and ideational process where actors/agents use ideas and mental schemas to understand and influence the policy world. In doing so, it contrasts data-driven "rational" decision making models with "post-positivist" approaches to decision making based on narratives and interpretive schemas. The course begins with an introduction to the theory and conceptual tools for understanding knowledge and evidence in the public policy process. We ask what is `useful? or `appropriate? knowledge for various actors? And what does it mean to be debating, negotiating and `muddling through?? We move on to explore the problems of conventional policy analysis in a complex world. We then apply these conceptual and theoretical tools to better understand how policy knowledges operate in practical situations. This is done through consideration of case studies drawn from such areas as health, welfare, and law and order (in Australia and elsewhere). The final part of the course takes a more `practical? look at the actual uses of knowledge and evidence in public policy cases, with the assistance of `practitioners?. We will invite guest lectures from senior policy practitioners to outline examples of the applied use of knowledge and evidence in various aspects of policy processes: advice; design; making; implementation; review; evaluation and audit.	Postgraduate Coursework	Semester 2, 2018	Politic Sc & Internat Studies	1		

Research Project (MGPP)	Access to this course is limited. Entry is initially restricted to students who have: 1) an exceptional record of achievement reflected in a high GPA; 2) completed #16 units of the Program; 3) completed a research report application form, which includes a detailed research report proposal. Completion of a research methods course, preferably POLS7701, is a recommended prerequisite. Where the number of applications meeting these criteria exceeds the supervisory capacity of the School, the Program Convenor will accept students into the course based upon the strength of their academic achievement in the Program and the quality of their application. project in consultation with their supervisor. Further information - including the application form and the application due date - is available from the POLSIS website : https://polsis.uq.edu.au/student-support Students are required to submit the application form and their research proposal by the relevant due date by email to polsis@uq.edu.au.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	2		

Research Project (MGPP) Part A	Access to this course is limited. Entry is initially restricted to students who have: 1) an exceptional record of achievement reflected in a high GPA; 2) completed #16 units of the Program; 3) completed a research report application form, which includes a detailed research report proposal. Completion of a research methods course, preferably POLS7701, is a recommended prerequisite. Where the number of applications meeting these criteria exceeds the supervisory capacity of the School, the Program Convenor will accept students into the course based upon the strength of their academic achievement in the Program and the quality of their application. Please note this report is conducted over two consecutive semesters. Students commencing in semester 1 enrol in POLS7121. Students commencing in semester 2 enrol in POLS7122. Further information - including the application form and the application due date - is available from the POLSIS website : https://polsis.uq.edu.au/student-support Students are required to submit the application form and their research outline by the relevant due date by email to polsis@uq.edu.au.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	2		
Internship (Master of Governance and Public Policy)	This is a restricted entry course and School consent must be obtained prior to enrolment. The Internship is based on a mutually agreed partnership between the student and an external organisation. The student agrees to carry out a research project on a topic/issue of direct interest to the external organisation. In return, the external organisation agrees to provide the support necessary for the project to be completed within a definite time-frame. Secondary supervision is also provided by an academic staff member from the School. Established internship partners include: the Queensland Government, the federal and Queensland parliaments, and a number of other national, government and non-government agencies. The availability of internships is limited. Applicants will be awarded places on academic merit taking into consideration their GPA and previous study history. All additional costs incurred by students undertaking this course remain the responsibility of the student.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	2		

Indigenous Politics within and beyond the state	This course examines the relationship between Indigenous and mainstream conceptions of political community, sovereignty, power, policy, rights, diplomacy and conflict to question, reflect, and expand upon dominant understandings of (international) politics. These themes are examined in the context of the development of transnational Indigenous activism in the late 20th Century and the challenges of ongoing conflicts between Indigenous peoples and settlers in settler-colonial societies. The course will increase your understanding of Indigenous peoples, advance creative thinking about alternative ways of constituting and maintaining political order, and enhance capacities for working across cultural difference.	Postgraduate Coursework	Semester 2, 2018	Politic Sc & Internat Studies	1		

Independent Study	This is a restricted entry course and requires prior approval from the School. The independent study option allows students of exceptional ability to engage in a minor research project. The course is particularly useful for postgraduate coursework students who wish to investigate a topic of interest not covered by other postgraduate courses. Prospective students must themselves identify and approach a potential supervisor and discuss their proposed research question; supervisors are not assigned by the School for this course. Student eligibility will be examined in the following areas: - Grade point average (GPA): successful applicants would be expected to have achieved a program GPA of 5.5 or better in their Masters program - Progression through degree : successful applicants would be expected to be in the final semester of their studies (or have completed at least #8 units in the program) - Viability of project : the project outline will be reviewed to determine its quality, viability and feasibility - Availability of supervisor : the research project must be of direct interest to an academic staff member within the school, who in turn must have the workload capacity to supervise a student. Further information, including the application form and application due dates, is available from https://polsis.uq.edu.au/student-support. Students are required to submit the application form and their independent study proposal by the relevant due date by email to polsis@uq.edu.au	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	2		

International Relations of the Asia- Pacific	This course explores the politics, economics and international relations of the Asia Pacific region at both the intra- and inter-regional levels. Particular attention is paid to influence of historical factors and domestic politics on the construction and evolution of foreign policies, and their impact on East Asian international relations. The course examines the possibility of hegemonic competition between the US, China and Japan in the evolving regional order, and the role of ASEAN in advancing East Asian forms of regionalism. The intention of the course is to: provide an understanding of East-Asia's post-war development; understand relations with the US; and critically reflect on how East Asian affairs and politics are incorporated in the discipline of International Relations.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		
International Security	Examination of the emerging international security order, including patterns of conflict and the War on Terror, and detailed studies of a range of key issues affecting global and regional security.	Postgraduate Coursework	Semester 2, 2018	Politic Sc & Internat Studies	1		
Evolution of the International System	This course examines the main developments in the evolution of the international system from renaissance Europe to the Second World War. The modern international system will be studied through a focus on Europe?s encounter with the non-European world, the Peace of Westphalia, the French Revolution, the emergence of nationalism and the rise of liberalism to explore the continuities and changes evident in the sovereign state and international system.	Postgraduate Coursework	Semester 2, 2018	Politic Sc & Internat Studies	1		

Strategic Studies	This course examines the nature, uses and limits of military power as an instrument of political influence in contemporary world politics. Part one of the course introduces students to conceptual debates on the role of military power in the world today. In particular, we focus on debates concerning the supposed transformation of both 'security' and war, and the implications of these debates for the management of violence in the international system. Part two of the course then examines the role of military power, relative to other instruments of statecraft, in shaping international relations between states. We focus here especially on themes of Great Power rivalry, alliances and collective security regimes, nuclear weapons proliferation, and energy security. In part three of the course, we then examine the uses and limits of military power as a means of managing 'new' security challenges, focusing particularly on transnational terrorism and asymmetric conflicts. In part four , we conclude with an extensive reflection of the future of war and military power in world politics.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		
Humanitarian Emergencies	The principal purpose of this course is to introduce researchers and practitioners to the decision-making and governance processes embedded in responses to humanitarian emergencies, illustrative of mass atrocity crimes, large-scale conflict, or environmental disasters. The course therefore equips graduates with a holistic understanding of the complexities of humanitarian emergencies, and respective responses, they will face in their future careers. The course uses the case-study method to examine different humanitarian emergencies with unlike causal pathways, varying timelines, but high levels of lethality to critically engage with the decision-making and governance complexities that influence responses to crises such as genocide, war, and natural disasters.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		

Theories in International Relations	This course is designed to interrogate the theoretical underpinnings of practices of explanation and understanding in International Relations (IR), and to provide learners with the means to formulate and use theories and theorems in their own investigations at an advanced level. We take a problem-driven approach to investigate, evaluate and reconstruct different theoretical approaches, and to unpacking their respective limits and potentials. Our focus is hence on `theories as practices?, as significant elements for building compelling political analyses.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		
Foundations in International Relations	This course aims to provide postgraduate students with no prior background in International Relations or Peace and Conflict Studies a necessary grounding in the subject. The course introduces students to the various theoretical approaches to the study of world politics, providing them with conceptual lenses through which to understand and analyse the major historical and contemporary issues at the core of the discipline. The course also aims to introduce students to the key issues in the in current international agenda, including sovereignty, international law, globalization, human rights, humanitarian intervention and terrorism.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	2		

Politics of International Law	Politics and law are inextricably related. This is evident in the establishment and evolution of various international laws, in the constraining effect that international laws have on states' behaviour, and in terms of codifying what is expected from governments and their citizens as duties towards the international community. International relations are increasingly being shaped by the growth of legal norms across a range of issue-areas: human rights protection, environmental concerns, weapons control, the use of force and the legitimacy of military action all come to mind as cases where the United Nations and other law-making bodies are shaping the world in which we live. There nevertheless is a tension between the establishment of global norms and the sovereign nature of independent states, where the latter may choose to contest or even disregard widely-accepted norms of behaviour. The course will cover these issues and use case related material to explore the politics of interantional law.	Postgraduate Coursework	Semester 2, 2018	Politic Sc & Internat Studies	1		
Politics of Development	This course focuses on the centrality of politics in development. It examines contemporary development processes in relation to historical trends, and explores the ways in which local and global contexts are increasingly interconnected in an era of globalisation. The course introduces and engages competing approaches to development, and considers the politics and political implications of everyday lived experiences of development policy. Throughout the course, we closely examine the politics of social change, and consider the legacies of historical political change and their implications for contemporary development processes and challenges.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		

International Crisis Management	This course provides students with an understanding of the policies and practices of crisis governance and the dynamics of post-crisis institutional reform, and emphasizes the participatory solutions which are now being proposed within this governance agenda. The course locates contemporary crises within an international development context, and, within this context, explores crisis causation, state-led crisis responses, and consequential reform efforts through governance, policy-analysis, and (participatory) democratic perspectives.	Postgraduate Coursework	Semester 2, 2018	Politic Sc & Internat Studies	1		
Economic Analysis & Public Policy	This course deals with the contributions of economic analysis to public policy and governance. The main rationale is to help students better understand how mainstream economists think and how they advise governments and other organisations involved in public policy and broader governance issues. After completing this course students should be able to more fully understand the language and major concepts of mainstream economic analysis as applied to governance and public policy. The course also engages in a critical evaluation of such contributions.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		
Conflict Resolution	This course provides an overview of the conflict resolution field and an understanding of core principles and processes for the creative, constructive and collaborative resolution of conflict. Distributive, integrative and transformative approaches to conflict resolution are considered in relation to key conflict resolution processes including dialogue and mediation. The course introduces practical skills including process design, preparing agendas, dealing with impasses, and reframing volatile exchanges. You will also gain an understanding of the qualities of constructive negotiators and interveners in conflict situations. Learning in the course builds upon scholarship, case studies, and practical exercises.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		

Ethics and Human Rights	This course addresses key ethical dilemmas in world politics. It begins by surveying the main ethical traditions in international relations, such as cosmopolitanism, communitarianism, feminism and postcolonialism. The course then engages a range of practical issues, including human rights, international law, humanitarian intervention and poverty. Lectures and seminar discussions alternate with alternative teaching methods, including participatory learning and simulation exercises.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		
Contemporary Peacekeeping	This course provides an in-depth study of peace operations and contains a unique peacekeeping simulation where students take on the role of UN peacekeepers, civilian staff, and non-governmental organisations to implement a peace agreement in a fictional country. During the course, students explore the historical evolution of peacekeeping, the different types of peacekeeping and peacekeeping actors as well as a range of contemporary problems such as transitional administrations and the use of force.	Postgraduate Coursework	Semester 2, 2018	Politic Sc & Internat Studies	1		
Peacebuilding	Peacebuilding is an extraordinarily complex cross-cultural international venture. Moreover, it has emerged only recently as a recognised domain of policy and risen rapidly into prominence. Drawing on scholarly writing, case studies and role plays, this course examines some of the elements that make up peacebuilding and explores some of the political, ethical and practical dilemmas that characterise efforts to rebuild the society and political community of others.	Postgraduate Coursework	Semester 2, 2018	Politic Sc & Internat Studies	1		
Arms Control & Disarmament	Addresses the political, strategic, legal and humanitarian issues directing arms control and disarmament processes. The course examines conventional weapons (such as landmines, small arms and light weapons) and weapons of mass destruction (nuclear, biological and chemical weapons). It draws on strategic analyses as well as on the range of international treaties, and examines traditional and current ways of viewing these weapons, looking especially at how the international community has sought to constrain or eliminate these.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		

Gender and the Global Politics of Development	This course examines the gendered impacts of a variety of development challenges in areas such as economic production, health, conflict, environmental resource extraction and political representation and how these are shaped by global political and economic conditions. While women's experience of the masculinist structures which regulate international politics and development are investigated, students will also consider how groups of men are made vulnerable or empowered through the privileging of particular masculine 'norms' within the international political and economic order.	Postgraduate Coursework	Semester 2, 2018	Politic Sc & Internat Studies	1		
Culture, Conflict and Reconciliation	Theories of culture, identity and difference; cultural conflict and multiculturalism; collective trauma and the politics of remembering and forgetting; different approaches to reconciliation.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		
Contested Peace: Critical Concepts in Peace and Conflict Studies	Peace and conflict resolution analysts and practitioners confront complex and challenging questions of authority and legitimacy. Existing forms of social and political order authorise ways of responding to conflict that can assist peace-processes and conflict resolution or, alternatively, incite and perpetuate conflicts. To develop capacities for navigating these complexities, this course critically and intensively investigates a selection of core concepts including (but not limited to) power, interests, and sovereignty. Concepts are examined in relation to case studies to reflect upon how to constructively support effective peace and conflict resolution efforts.	Postgraduate Coursework	Semester 2, 2018	Politic Sc & Internat Studies	1		
The Politics and Power of Nonviolence	Violence is often viewed as the ultimate manifestation of power. It permeates the societies we live in. In this course we challenge the ethical foundations of this view and explore how nonviolence can be an effective way of yielding power and promoting social change. Making use of historical and contemporary case studies, we examine a wide range of nonviolent strategies, from strikes and civil disobedience to street protests and everyday resistance. They reveal how nonviolence offers pathways to political transformation when normal institutionalised politics fails to provide justice.	Postgraduate Coursework	Semester 2, 2018	Politic Sc & Internat Studies	1		

Applied Fieldwork Experience	This is a restricted entry course and School consent must be obtained prior to enrolment. This course allows students to develop their research, analytical and communication skills while they acquire practical and professional knowledge in a workplace setting. The course is available to students in the Master of International Relations and Master of Peace and Conflict Studies programs. The AFE/Internship must be negotiated in advance and students should contact the course coordinator approximately twelve weeks prior to the beginning of semester in which they wish to undertake the AFE/Internship. All additional costs incurred by students undertaking this course remain the responsibility of the student.	Postgraduate Coursework	Semester 2, 2018	Politic Sc & Internat Studies	2		
Gender, Peace and Security in Global and Local Perspective	Going beyond commonplace perceptions that equate violence with men and victim-hood with women, this course examines how masculine and feminine roles are constructed and embodied in conflict and peacemaking. We examine the gendered expectations borne by men in conflict, the varied roles women play in the prosecution of conflict, the gendered face of conflict-related violence and the need for greater attention to gender in all efforts to build peace and resolve conflict. United Nations Security Council Resolution 1325 on Women, Peace and Security (and later follow-up resolutions), will form an important focal point for deliberation in this course, alongside other historical and contemporary case-studies. Students will gain enhanced gender analysis skills and an understanding of how and why these are pertinent to assessments of conflict, insecurity and peace-building.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		

Introduction to Peace and Conflict Studies	This course provides an advanced introduction to Peace and Conflict Studies, providing a broad overview of the different approaches to the field, the global context and emerging trends. In particular, it considers different theories about the causes of war and violence and the trends and patterns in violent conflict. It also examines the historical evolution of thinking about peace and different approaches to the question of peace. Students will also examine global efforts to restrain war and conflict through collective and common security, ethical and legal restraints on war and institutions. Finally, the course will turn to specific practices and politics associated with the pursuit of peace and management of war, looking at the ethics and laws of war the delivery of humanitarian aid, and transitional justice. The course will illustrate these themes through engagement with historical and contemporary cases including the major wars of the twentieth century and more recent armed conflicts such as the civil wars in Syria and Iraq.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		
Studying Peace and Conflict	This course provides postgraduate students with no prior background in peace and conflict studies a necessary theoretical grounding in the subject. The principal purpose of this course is to introduce students to the various theoretical approaches to the study of peace and conflict studies. In particular, it focuses on the causes of war and violence, the relationship between security and development, human security, the ethical and legal restraints on war, the politics and practice of humanitarian aid, and the role of international institutions.	Postgraduate Coursework	Semester 2, 2018	Politic Sc & Internat Studies	1		
Research Methods	This course provides an introductory overview of approaches to social science research. It will equip students with an understanding of research design and the different research methodologies required to undertake the most common forms of qualitative and quantitative data collection and analysis used in social science research.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		

Research Report	A 8000 word research report reporting the findings of a one semester research project. This is a restricted entry course and requires prior approval from the School. Prospective students must themselves identify and approach a potential supervisor and discuss their proposed research question; supervisors are not assigned by the School for this course. Student eligibility will be examined in the following areas: - Grade point average (GPA): successful applicants would be expected to have achieved a program GPA of 5.5 or better in their Masters program - Progression through degree : successful applicants would be expected to be in the final semester of their studies (or have completed at least #8 units in the program) - Viability of project : the project outline will be reviewed to determine its quality, viability and feasibility. - Availability of supervisor : research projects must be of direct interest to an academic staff member within the school, who in turn must have the workload capacity to supervise a student. Further information, including the application form and application due dates, is available from https://polsis.uq.edu.au/student-support. Students are required to submit the application form available from https://polsis.uq.edu.au/student-support, and their research proposal by the relevant due date by email to polsis@uq.edu.au.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		

Research Report	A 8000 word research report reporting the findings of a one semester research project. This is a restricted entry course and requires prior approval from the School. Prospective students must themselves identify and approach a potential supervisor and discuss their proposed research question; supervisors are not assigned by the School for this course. Student eligibility will be examined in the following areas: - Grade point average (GPA): successful applicants would be expected to have achieved a program GPA of 5.5 or better in their Masters program - Progression through degree : successful applicants would be expected to be in the final semester of their studies (or have completed at least #8 units in the program) - Viability of project : the project outline will be reviewed to determine its quality, viability and feasibility. - Availability of supervisor : research projects must be of direct interest to an academic staff member within the school, who in turn must have the workload capacity to supervise a student. Further information, including the application form and application due dates, is available from https://polsis.uq.edu.au/student-support. Students are required to submit the application form available from https://polsis.uq.edu.au/student-support, and their research proposal by the relevant due date by email to polsis@uq.edu.au.	Postgraduate Coursework	Semester 2, 2018	Politic Sc & Internat Studies	1		

Research Thesis	A 16,000 word thesis reporting the findings of a year-long research project drafted in consultation with an academic supervisor. Students commencing in Semester 1 enrol in POLS7705 for two consecutive semesters. Students commencing in Semester 2 enrol in POLS7706 for two consecutive semesters. This is a restricted entry course and requires prior approval from the School. Prospective students must themselves identify and approach a potential supervisor and discuss their proposed research question; supervisors are not assigned by the School for this course. Student eligibility will be examined in the following areas: - Grade point average (GPA): successful applicants would be expected to have achieved a program GPA of 5.5 or better in their Masters program - Progression through degree : successful applicants would be expected to be in the final semester of their studies (or have completed at least #8 units in the program) - Viability of project : the project outline will be reviewed to determine its quality, viability and feasibility. - Availability of supervisor : research projects must be of direct interest to an academic staff member within the school, who in turn must have the workload capacity to supervise a student. Students are required to not only be self-motivated and self-disciplined, but also to determine and develop their own project in consultation with their supervisor. Further information - including the application form and the application due date - is available from the POLSIS website : https://polsis.uq.edu.au/student-support Students are required to submit the application form and their research proposal by the relevant due date by email to polsis@uq.edu.au.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		

Research Thesis	A 16,000 word thesis reporting the findings of a year-long research project drafted in consultation with an academic supervisor. Students commencing in Semester 1 enrol in POLS7705 for two consecutive semesters. Students commencing in Semester 2 enrol in POLS7706 for two consecutive semesters. This is a restricted entry course and requires prior approval from the School. Prospective students must themselves identify and approach a potential supervisor and discuss their proposed research question; supervisors are not assigned by the School for this course. Student eligibility will be examined in the following areas: - Grade point average (GPA): successful applicants would be expected to have achieved a program GPA of 5.5 or better in their Masters program - Progression through degree : successful applicants would be expected to be in the final semester of their studies (or have completed at least #8 units in the program) - Viability of project : the project outline will be reviewed to determine its quality, viability and feasibility. - Availability of supervisor : research projects must be of direct interest to an academic staff member within the school, who in turn must have the workload capacity to supervise a student. Students are required to not only be self-motivated and self-disciplined, but also to determine and develop their own project in consultation with their supervisor. Further information - including the application form and the application due date - is available from the POLSIS website : https://polsis.uq.edu.au/student-support Students are required to submit the application form and their research proposal by the relevant due date by email to polsis@uq.edu.au.	Postgraduate Coursework	Semester 1, 2018	Politic Sc & Internat Studies	1		

Final Project	Based on the theory of problem-based learning (PBL), this course will introduce students to a development context and challenge. Students will work independently under the instruction and supervision of an academic staff member to research and analyse this context, leading to the proposal of a development assistance program. The semester involves the student working independently on their Project, with regular contact between students and their supervisor, and the preparation of an 8,000 -10,000 word report. The Final Project allows students to combine and consolidate their learning from the overall Program and to address a cutting-edge real-world development challenge. This results in self-directed, deep learning and the development of advanced research and problem solving skills.	Postgraduate Coursework	Semester 2, 2018	Humanities and Social Sciences	1		
Policy Development and Practice	This course provides students with insights into the real life operation of policy processes within government and the skills they will need to contribute to and shape them, either from within government or from outside of it. This course concerns both analysing the processes of social policy making and use and application of analytical techniques for and in policy making. The purpose is to develop intellectual as well as practical capacity to be an effective policy practitioner. Assessment is based on actual tasks performed by policy analysts. This course may not be run if there are fewer than 20 enrolments.	Postgraduate Coursework	Semester 1, 2018	Social Science School	1		
Clinical Psychology Dissertation Part A	Develops skills in research design, implementation and reporting for students completing postgraduate coursework degrees. Topic must be approved by Director of MPsychClin program and may be field or laboratory based. Students enrol in PSYC7011 for 2 semesters, Part A in their first semester and Part B for the final semester.	Postgraduate Coursework	Semester 1, 2018	Psychology School	2		

Child & Adolescent Behavioural Assessment & Therapy	This course aims to present a conceptual framework for guiding assessment and interventions targeting child and adolescent mental health problems. The conceptual framework integrates a range of contemporary theoretical perspectives that address the aetiology of psychopathology in children and adolescents, as well as family problems such as child abuse and neglect. The course will present assessment methods and provide an introduction to a range of treatment models. A combined academic and practical approach will be adopted with workshops scheduled in place of lectures to provide opportunities for experiential learning.	Postgraduate Coursework	Semester 2, 2018	Psychology School	1		
Australian Social Policy	This course provides a foundation for study of social policy and social administration. The course provides a critical introduction to historical developments and contemporary debates in Australian social policy. The course will introduce you to different ways of thinking about the means and ends of social welfare in Australian society. You will reflect on the contested concepts and principles that have informed social policy developments in Australia and other countries. Using a series of contemporary case studies you will develop knowledge and skills in analysing the politics of social policy. The knowledge base used for this course is drawn from political science, sociology, economics and social history.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Policy Development and Practice	This course provides students with insights into the real life operation of policy processes within government and the skills they will need to contribute to and shape them, either from within government or from outside of it.The focus is on applied skills in analysis and practice of social and public policy using real contemporary social policy concerns. Focus is on developing knowledge and skills to engage in social policy processes through accessing and analysing policy material, understanding policy processes and developing skills for participating in policy processes. Utilizes a problem based learning approach within an open workshop format. Assessment is based on actual tasks performed by policy analysts.	Undergraduate	Semester 1, 2018	Social Science School	1		

Behavioural Family Intervention	This course provides advanced instruction in the application of evidence-based parenting and family intervention procedures for the prevention and treatment of behavioural and emotional problems in children and adolescents. It covers the theoretical, scientific and practical foundations of behavioural family intervention and its application to a range of child behaviour problems from infancy to adolescence. To provide a solid foundation in the field of behavioural family intervention students will receive training in the delivery of Level 4 of the Triple P-Positive Parenting Program. Lectures will be run as a series of skills training sessions, where participants will undergo practical training in the assessment, diagnosis, and family-based treatment of various child and family problems.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		
Politics, Philosophy, Economics 1: A Short History	This course examines the development of political, philosophical and economic ideas and their interaction before the existence of today's disciplines of Political Science, Philosophy, and Economics. Key ideas studied include "the state", "happiness", and "the market". By adopting a historical approach to the development of these ideas and their domestication in rival academic disciplines, the course equips students with the ability to see where intellectual specialisation has been beneficial, and where it has hindered the analysis of social phenomena.	Undergraduate	Semester 1, 2018	Politic Sc & Internat Studies	1		
Politics, Philosophy, Economics 2	This course will contain several modules focusing on an integrated PPE approach towards addressing some of the world's 'wicked problems'. The course will be taught in lecture-seminar mode, using a range of policy documents and online materials. The modules will be taught by leading academics from across UQ schools and institutes, assisted by eminent international experts where appropriate as a means of facilitating their engagement with UQ teaching and learning.	Undergraduate	Semester 2, 2018	Politic Sc & Internat Studies	1		

Introduction to Psychology: Minds, Brains and Behaviour	The School of Psychology recommends only two of the three first year courses is undertaken in the first semester of study. Psychology is the scientific study of how people behave, think and feel. This course spans a variety of topics including basic psychological processes such as perception, consciousness, learning, motivation, memory, thinking and sexual behaviour as well as the cognitive or mental causes of these phenomena. Students will be given opportunities to participate in both classic state-of-the-art psychological research and to demonstrate their understanding of the research process.	Undergraduate	Semester 1, 2018	Psychology School	2		
Introduction to Psychology: Developmental, Social & Clinical Psychology	The School of Psychology recommends only two of the three first year courses is undertaken in the first semester of study. Psychology is the scientific study of how people behave, think and feel. This course spans a variety of topics including the development of thought, language and personality as well as issues in clinical psychology. The course also covers social issues including communication, aggression, and altruism, Students will be given the opportunity to participate in both classic and state-of-the-art psychological research and to demonstrate their understanding of the research process. Contact hours: Semester 1 and Semester 2: Flipped class model with a one hour timetabled activity per week. Summer Semester: accelerated Flipped class model with 1 x two hour tutorial and two on-line lectures per week. This course may not be offered over Summer if enrolment is less than 15 students.	Undergraduate	Semester 1, 2018	Psychology School	3		

Psychological Research Methodology I	The School of Psychology recommends only two of the three first year courses is undertaken in the first semester of study. Psychology is founded on the scientific method. This course introduces students to the theory and practice of research and report writing in psychology. Lectures will cover topics such as: science and the scientific method; research methodologies, techniques and designs; the practice and problems of measurement in psychology; exploring, displaying, describing and analysing research data; and report writing. Weekly workshops/tutorials will involve: experimental design; ethical concerns; collecting, handling, describing, analysing and reporting data; report writing; and exercises and questions relating to the entire course content. Semester 1: 2 hour workshop Semester 2: 2 hour lecture, 2 hour tutorial.	Undergraduate	Semester 1, 2018	Psychology School	2		
Psychology of Sport and Exercise	Introduction to the impact of psychological variables on participation and performance in sport and exercise and the influence of participation in sport and exercise on the psychological characteristics of the individual.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Psychological Research Methodology II	This course builds on the principles of behavioural science introduced in PSYC1040. The aim is to expand student's understanding of theory and practice of research methodology, data analysis and report writing in psychology. Topics covered include design and measurement issues, methods for analysing psychological data, procedures involved in the reporting of psychological research, and issues concerned with the interpretation of such research.	Undergraduate	Semester 1, 2018	Psychology School	2		
Neuroscience for Psychologists	All psychological phenomena are based in the brain and nervous system. This course overviews the rapidly expanding discipline of neuroscience as relevant to psychologists. Topics include neural changes during learning, cortical control of executive functions and language, control of movement and skilled actions as well as the biological bases of common mental disorders.	Undergraduate	Semester 1, 2018	Psychology School	2		

Developmental Psychology	This introduction to lifespan developmental psychology focuses on key issues in development and aging, including early social development, the role of early input in language acquisition, attachment and intimate relationships, child-rearing, moral reasoning, memory and problem-solving. A cross-cultural focus is adopted wherever possible.	Undergraduate	Semester 1, 2018	Psychology School	2		
Social & Organisational Psychology	How are your feelings and actions influenced by other people? This course explores how the social environment affects behaviour, thinking and attitudes of individuals and groups. Topics include love and hate, conformity and individuality, group processes, communication and psychology in the work environment.	Undergraduate	Semester 1, 2018	Psychology School	2		
Learning & Cognition	This course is concerned with how the mind works. Cognitive topics include memory, imagery, language, intelligence and comparative psychology. The course also focuses on learning including the experimental analysis of behaviour as derived from principles of associative learning. Laboratory sessions will focus on training of skills including gathering, analysing and presenting information, and in providing feedback.	Undergraduate	Semester 1, 2018	Psychology School	2		
Psychological Approaches to Complex Problems	The aim of this course is to teach students new ways to address and solve complex research problems in psychology. The course will focus on the study of amorphous social problems and will provide students with hands-on experience in hypothesis formation, data collection, and statistical analysis.	Undergraduate	Semester 2, 2018	Psychology School	1		
Psychology of Criminal Justice	Quota of 110 students. Enrolment will close once quota is reached. This course systematically explores the effectiveness of the law and justice system from a psychological perspective. By experiencing a fictional case first hand, you will learn about the psychology of law and some of the misconceptions commonly held about criminal justice. You will follow the fictional crime from when it is committed, during the investigation phase, through to the trial.	Undergraduate	Semester 1, 2018	Psychology School	1		

The Science of Everyday Thinking	This course explores the nature of everyday thinking. Why people believe weird things, how to deal with opinion change, and why expectations and emotions skew our judgements. We examine and debate topics such as subliminal persuasion, paranormal phenomena, alternative medicine, placebos and miracles. You will learn how to evaluate claims, understand why we consistently make the same kinds of "irrational" mistakes, and how to make better decisions.	Undergraduate	Semester 2, 2018	Psychology School	1		
Positive Psychology	Traditionally applied psychological research has focused on understanding the causes of psychopathology & the evaluation of therapies aimed at alleviating psychological distress. In more recent times attention has broadened to consider psychological well being as an important focus for applied psychologists. The field of positive psychology acknowledges that people maybe be "languishing" but not suffering from traditional mental disorders such as anxiety or depression. Importantly, this focus on positivity has attempted to identify a wide range of character strengths and virtues that promote creativity, cognitive flexibility, a sense of purpose or more generally promotes "flourishing". This course will explore both the theory & practice of positive psychology.	Undergraduate	Semester 2, 2018	Psychology School	1		
Research Experience I	This course provides an opportunity for students to gain experience in a research laboratory in the School of Psychology. Students will participate in the day to day running of a research laboratory, which may involve attending lab meetings, assisting with conducting research, and conducting literature searches (five hours per week). Enrolment is by permission only. Please consult the list of potential supervisors at <http://www.psy.uq.edu.au/current-students/undergraduate/> prior to seeking the agreement of an academic to supervise you. You must then contact the Deputy Head of School (Teaching and Learning) indicating which academic has agreed to supervise your research experience and seek permission to enrol.	Undergraduate	Semester 1, 2018	Psychology School	3		

Research Experience II	This course provides an opportunity for students to gain experience in a research laboratory in the School of Psychology. Students will participate in the day to day running of a research laboratory, which may involve attending lab meetings, assisting with conducting research, and conducting literature searches (five hours per week). Enrolment is by permission only. Please consult the list of potential supervisors at <http://www.psy.uq.edu.au/current-students/undergraduate/> prior to seeking the agreement of an academic to supervise you. You must then contact the Deputy Head of School (Teaching and Learning) indicating which academic has agreed to supervise your research experience and seek permission to enrol.	Undergraduate	Semester 1, 2018	Psychology School	3		
Applied Sport and Exercise Psychology	Expansion on theoretical and practical knowledge of basic sport and exercise psychology. Emphasis on theoretical basis of applied sport and exercise psychology and the development of practical skills that can be employed as teachers, coaches, fitness professionals and exercise scientists.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Psychological Research Methodology III	This course builds on aspects of psychological factorial design covered in PSYC2010. In it, students learn to extend one-variable designs to designs involving multiple independent variables. Methodological issues associated with the use of these designs in psychological research are explored. For example, lectures will be devoted to design-related confounds, measurement issues, and other interpretational concerns. In addition, the analysis techniques appropriate to these designs are addressed (especially factorial analysis of variance and multiple regression). Students gain experience in computer-based analysis using statistical packages.	Undergraduate	Semester 1, 2018	Psychology School	1		

Measurement in Psychology	Measurement is fundamental to both civilisation and science. In particular, the ability to evaluate people provides arguably one of the most challenging and yet potentially world-changing applications of measurement theory. This course will provide introductory training in the application of measurement techniques and principles required for research and practice in psychology. Diverse examples of practical applications of this knowledge within psychology and beyond will be provided in order to demonstrate its universal relevance. Topics that will be introduced include psychometric theory, measurement in behavioural research, competent and appropriate use of psychological tests, clinical neuropsychological assessment, personnel assessment, educational testing, intelligence testing, and personality testing. Students will receive hands-on training in how to create and validate their own behavioural measurement instrument. The aim of this course is to provide students with a foundation in how to apply measurement theory in their future careers, whether in the field of psychology or elsewhere.	Undergraduate	Semester 2, 2018	Psychology School	1		
Topics in Social Psychology	This course provides in-depth training in specific areas of social psychology. The course is intended to build on PSYC2040 (Social and Organisational Psychology) by exploring content from that course in greater detail (eg stereotyping and prejudice) and also by addressing new topic areas in social psychology not covered in that course (eg self-regulation and mental control).	Undergraduate	Semester 2, 2018	Psychology School	1		
Topics in Applied Psychology	This course provides coverage of advanced topics in the application of psychological theory to real-world settings. Emphasis is on the application of theories in social, organisational, and clinical psychology to practical issues of everyday life.	Undergraduate	Semester 1, 2018	Psychology School	1		

Psychological Research: Interpretation & Evaluation	In this course students learn how to critically evaluate empirical journal articles in psychology in terms of the appropriateness of the methods and the soundness of the conclusions. The major topics are the nature of psychological research over the domains of the discipline, the design and conduct of research studies, factors affecting the validity of causal inferences drawn from empirical relationships and finally, techniques to enhance the interpretability of results, and the sensitivity, construct validity and generality of research studies.	Undergraduate	Semester 2, 2018	Psychology School	1		
Judgment & Decision-Making	Every day we make decisions by relying on our personal theories about how things are supposed to work. But our reliance on these rules is paid for at the cost of accuracy. We tend to see what we expect to see and believe what we're told. One goal of this course is to figure out how everyday decision making can be improved.	Undergraduate	Semester 1, 2018	Psychology School	1		
Introduction to Human Factors	This course conveys fundamental principles of human factors psychology, which is the science and practice of understanding the fit between people and the systems they work with. In the course, human-system fit is analysed from perceptual, cognitive, social, and organisational points of view. The course also introduces key ideas underlying cognitive systems engineering, which views human-system fit as a complex adaptive system. During practical sessions, students investigate fundamental theories and principles underlying human factors psychology, perform and analyse small experiments, and assess case studies. Occasional guest lecturers visit from different kinds of complex safety-critical systems, such as road and rail transport centres, commercial aviation, aerospace, healthcare (medical, nursing, allied health), and emergency response centres.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Psychotherapies and Counselling	This course offers students a vibrant personalised and research-based introduction to the major psychotherapies that have been developed to relieve human suffering. This course offers students opportunities to experience personal change through personalised applications of psychotherapy strategies. Students will gain insight into the clinical reasoning and decision making involved in developing treatment plans for clients. Demonstrations of psychotherapy in action will be made available. Psychotherapies covered in the course include those that have been developed many years ago (e.g., Psychodynamic Therapy, Cognitive Behaviour Therapy and Person-Centred Therapy), and those that have emerged more recently (e.g., Acceptance & Commitment Therapy, Positive Psychology and mindfulness). Issues related to conducting ethical, culturally sensitive and productive therapy with clients are also discussed.	Undergraduate	Semester 2, 2018	Psychology School	1		
Psychopathology	The course provides an overview of the nature and history of abnormal behaviour and then examines the predominant models underlying our understanding of abnormality. Detailed descriptions and empirical research relating to a range of clinical problems form the core of the course. Topics include schizophrenia, mood disorders, anxiety disorders, personality, somatoform and dissociative disorders, and disorders of childhood. Presentations of clinical problems are supported by outside speakers or video based illustrations. There is an emphasis upon empirical evidence relating to the epidemiology, aetiology, and treatment of the clinical problems covered during the course. Students will also gain an introduction to the National Practice Standards for Mental Health Workforce.	Undergraduate	Semester 1, 2018	Psychology School	1		
Health Psychology	The mind and the body are intricately linked. In this course we will explore the links between mental processes and behaviours as related to health and illness. Topics include theories of healthy behaviour, health enhancing behaviour (eg exercise), health risk behaviour (eg smoking), and rehabilitation. This course will challenge you to critically evaluate the role that cognition, society and the environment play in the health of individuals.	Undergraduate	Semester 1, 2018	Psychology School	1		

Intergroup Relations & Group Processes	In this course you will learn about the social psychology of how groups operate and how groups relate to each other. Topics include conformity and obedience, cult behaviour, brainwashing, the psychology of war, the struggle between individual and group will, prejudice, stereotyping, and conflict management. These topics will be discussed with reference to theory and empirical research, but also with an eye to the applied implications for promoting positive change and resolving real-world conflict.	Undergraduate	Semester 1, 2018	Psychology School	1		
Sensory Neuroscience	The sensation of seeing, hearing, touching or smelling is a product of activity in your brain. Scientists who wanted to work out how this activity could generate conscious perceptual experiences established experimental Psychology as a discipline. In this course we will appraise contemporary evidence concerning these links. Students will be taught how to critically appraise empirical evidence, establish research hypotheses, and how to test those hypotheses.	Undergraduate	Semester 1, 2018	Psychology School	1		
Industrial & Organisational Psychology	The work environment is a challenging context in which to understand human behaviour. Organisational psychology is a growing field. This course overviews theories and empirical research in industrial and organisational psychology from individual and group views. Topics include work motivation, job attitudes, team conflict, leadership, personnel selection and training.	Undergraduate	Semester 1, 2018	Psychology School	1		
Evolutionary Approaches to Human Behaviour	This course is designed to give students a working knowledge of how to correctly apply evolutionary biology to the study of human behaviour. Evolutionary psychologists use evolutionary biology to make inferences about psychological mechanisms. There are several ways of reconstructing humans' evolutionary past, leading to different sorts of psychological hypotheses. The course covers what psychologists can learn from game theory, hominid archaeology, primate behaviour, and hunter-gatherer cultures, giving an overview of the major sources of hypotheses in evolutionary psychology. Throughout, we will balance theory with critical review of empirical studies in evolutionary psychology.	Undergraduate	Semester 1, 2018	Psychology School	1		

The Neuroscience of Social Behaviour	This course is designed to give students a working knowledge of current findings in the emerging field of social neuroscience, the study of brain systems underlying social behaviour. Students will cover basic neuroanatomy and will review research on brain systems underlying face recognition, emotion recognition, attachment, theory of mind, sexual attraction, love and neuroeconomics. Through this process students will learn about a variety of neuroscience methods involving social psychology paradigm: lesion studies, patient research, single-cell recording, and neuroimaging.	Undergraduate	Semester 2, 2018	Psychology School	1		
Developmental Perspectives on the Origins of Human Culture	We all prepare food, play cooperative games, romance each other, etc. But how we do so depends on our cultural background - we are, by far, the world's most "cultural animal". So what was the 'X-factor', the magic ingredient of culture that took humans out of the general run of mammals and other highly social organisms? By emphasising research in developmental psychology and integrating perspectives from comparative, social and evolutionary psychology this course explores contemporary answers to this question.	Undergraduate	Semester 2, 2018	Psychology School	1		
Parenting and Family Psychology	The family environment is critical for the development of children and for adult adjustment. In this course we will explore key theories and models of the development of parenting and family interactions. We will also look at functional and dysfunctional family relationships and behaviours, and effective ways to assess such interactions. Finally, the course will focus on applications of developmental models to intervention and clinical applications, and the role of parenting interventions in the prevention and management of social, emotional, behavioural and health problems.	Undergraduate	Semester 1, 2018	Psychology School	1		
Research Practicum II	Departmental consent required - please contact the School for permission to enrol. This course provides students with a greater understanding of the skills needed to conduct empirical research and understand the functions of a psychological laboratory. It also aims to provide students with a deeper knowledge of a particular field of psychological inquiry through the practice and refinement of research skills.	Undergraduate	Semester 1, 2018	Psychology School	1		

Applied Sport and Exercise Psychology	Expansion on theoretical and practical knowledge of basic sport and exercise psychology. Emphasis on theoretical basis of applied sport and exercise psychology and the development of practical skills that can be employed as teachers, coaches, fitness professionals and exercise scientists.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Psychological Research Methodology IV	This advanced methodology course builds on skills and knowledge developed in undergraduate psychology courses. We will first focus on preliminary data analyses, including missing data analysis; exploratory factor analysis; and confirmatory factor analysis. The next part of the course will focus on hypothesis-testing using advanced analytic techniques, including logistic regression; mediation analyses using bootstrapping; moderation analyses in regression and ANOVA; structural equation modeling; multi-level modeling; and multivariate analyses. Emphasis will be placed on conceptual understanding of analytic techniques; statistical decision-making; conducting and interpreting analyses using SPSS software; and critical evaluation of published empirical research reports.	Undergraduate	Semester 1, 2018	Psychology School	1		
Ethical Considerations for Psychologists	Ethical competence is fundamental to sound research and applied practice in psychology. This course provides students with an overview of ethical issues that arise in psychological research, teaching and practice. Relevant professional codes of conduct and institutional procedures are also covered. Note: Students doing 4th year part time must enrol in PSYC4060 in the same year as their thesis.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Individual Research Thesis	The individual research thesis is the largest single component of the Honours program. It is a year-long course and is intended to demonstrate the capability of students to conceive and carry out original, high level research. The individual research thesis, which is supervised by a member of the academic staff, is assessed on a number of grounds. These relate to the student's command of the chosen topic from initial conception of the problem, through its resolution via appropriate research strategies, to clear presentation and insightful interpretation of what has been discovered.	Undergraduate	Semester 2, 2018	Psychology School	2		

Group-Supervised Thesis	Students participating in the group-supervised thesis will work in a group, focusing on different aspects of a common research project, to create an independent research thesis. Participation in all steps involved in research, including the formulation of research questions, study design, data collection, and data analysis, will be required. The research question must be developed within the constraints offered by the common group project. Outside of the lectures and tutorials, students will work independently to collect and analyse data in order to test their research question. When possible according to the needs of the research project, lectures will focus on practical skills required for successful research and practice in psychology. Students will be assessed on the independent research thesis that they will write throughout the course.	Undergraduate	Semester 1, 2018	Psychology School	2		
Group Supervised Thesis	Students participating in the group-supervised thesis will work in a group, focusing on different aspects of a common research project, to create an individual research thesis. Participation in all steps involved in research, including the formulation of research questions, study design, data collection, and data analysis will be required. The individual research question must be developed within the constraints offered by the common group project. Outside of the lectures and tutorials, students will work independently to collect and analyse data in order to test their research question. When possible according to the needs of the research project, lectures will focus on practical skills required for successful research and practice in psychology. Students will be assessed on the individual research thesis that they will write throughout the course.	Undergraduate	Semester 1, 2018	Psychology School	2		
The Scientist-Practitioner Model	This course will critically examine the history and current status of the scientist-practitioner model with a particular emphasis on how practitioners can incorporate an evidence-based approach across a range of applied psychology disciplines. The course will be broadly divided into three components: Principles of Evidence-Based Practice; Principles of Assessment and Psychometrics; and the Scientist-Practitioner in Action.	Undergraduate	Semester 2, 2018	Psychology School	1		

Applied Social Psychology	The course will focus on the use of social psychological research paradigms to evaluate theory-based applications in areas such as health behaviour, psychology and law, inter-group relations and prejudice, and environmental issues. In 2018 the course will focus on the application of social psychological theory to key aspects of organizational life, with a focus on such topics as leadership, motivation, communication, productivity, space, stress, and industrial protest.	Undergraduate	Semester 1, 2018	Psychology School	1		
Improving Human Performance	In this course, you will learn how to improve human performance using evidence-based applied cognitive psychology, both through training and system design. The topics will include expertise, automaticity, knowledge acquisition, how to practice, and skill transfer.	Undergraduate	Semester 2, 2018	Psychology School	1		
From Classic to Contemporary Topics in Organisational Psychology	This course aims to provide students with an up-to-date understanding of classic studies in (organizational) psychology as relate to and have inspired contemporary knowledge of key topics organizational psychology.	Undergraduate	Semester 1, 2018	Psychology School	1		
Work and Research in Applied Psychology	The 2018 maximum quota for the course will be 50 students. Enrolment is required by 9 July 2018 The aim of this elective is to enable students to critically apply psychological knowledge to workplace contexts. Participation in this elective requires the completion of a period of approved work-integrated learning, in the form of work placement, to be conducted in an organisation that deals with issues relevant to psychology. This elective also aims to promote the translation of psychological knowledge into effective practice through on-campus workshops and assessment designed to help students critically reflect on their learning and workplace performance. This elective has a course quota of 50 students and is restricted to students undertaking PSYC4092 Group Supervised Thesis. Enrolment is required prior to the start of semester to ensure that a suitable placement can be arranged. Enrolment after this date will only be allowed with approval, please contact honours.psychology@enquire.uq.edu.au for further information.	Undergraduate	Semester 2, 2018	Psychology School	1		

Advanced Topics in Social Cognition & Group Processes	Quota of 20. Enrolment for 2018 will open on 15th February at 2pm. Enrolment will close once quota has been reached. This course will provide students with an understanding of current social psychological research in the study of social cognition, group processes, and inter-group behaviour. The material covered in this course will build on group processes, inter-group relations and social cognition in social psychology studied in third-year. The course will comprise 3 four-week blocks devoted to three separate topics.	Undergraduate	Semester 1, 2018	Psychology School	1		
Topics in Perception & Cognition	Quota of 20. Enrolment for 2018 will open on 15th February at 2pm. Enrolment will close once quota has been reached. The aim of this course is to explore how core theoretical and methodological constructs in psychology are represented in contemporary empirical investigations in perception and cognition.	Undergraduate	Semester 2, 2018	Psychology School	1		
Special Topics in Clinical Psychology	Quota of 20. Enrolment for 2018 will open on 15th February at 2pm. Enrolment will close once quota has been reached. This course will provide an in-depth theoretical understanding of a topic in clinical psychology.	Undergraduate	Semester 1, 2018	Psychology School	2		

Evolutionary & Comparative Perspectives in Psychology	Quota of 20. Enrolment for 2018 will open on 15th February at 2pm. Enrolment will close once quota has been reached. 2018 Topics. Semester 1: Evolutionary Psychology and Human Mating. This course will look at the variation and universalities in human mating behaviour, including sex differences, and will discuss the how our behaviour is a product of the interaction between genetic and cultural influences. Semester 2: Topic 1 - Contemporary Cognitive Psychology. This course will consider a range of topics in contemporary cognitive psychology with a particular focus on the role of mathematical modeling in theory development. This seminar series will be set up as a series of discussions and debates on contested research areas. Topic 2: Evolution by sexual selection favours ornaments for attracting mates as well as status signals and weaponry for competition with members of the same sex. This topic will cover the fundamental theories of sexual selection and their consequences to shaping morphology and behaviour among mammals, nonhuman primates and humans.	Undergraduate	Semester 1, 2018	Psychology School	2		
Advanced Topics in Child Development	Quota of 20.Enrolment for 2018 will open on 15th February at 2pm. Enrolment will close once quota has been reached. This course examines current topics in infant and child development. Students will debate contemporary topics and discuss their implications for children's learning and cognition, emotional development and well-being, and social adjustment.	Undergraduate	Semester 1, 2018	Psychology School	2		

Current Issues in Psychology II	This course provides students with the opportunity to gain in-depth knowledge of the theoretical & research basis of current issues in psychology. The psychology area covered will vary from year to year. 2018 Topic This course will provide students with the opportunity to gain indepth knowledge of the theoretical and research basis of current issues in the field of cognitive neuroscience. Topics to be covered include a history and overview of approaches to understanding brain/behaviour relationships; neural mechanisms underlying selective attention, including pathologies of attentional processes (spatial neglect, simultanagnosia, ADHD); characteristics of conscious versus unconscious perception; neural mechanisms underlying multisensory interactions, including syndromes of anomalous multisensory perception (eg synaesthesia); brain processes involved in face recognition and facial expression analysis; neural circuits involved in spatial navigation; executive control and its relation to addictive behaviour; the organisation and control of action; and mechanisms responsible for brain plasticity. The tutorials will provide students with an opportunity to critically evaluate recent research findings in each of the topic areas covered in the lectures.	Undergraduate	Semester 2, 2018	Psychology School	1		
Advanced Seminar in Psychology 1	Quota of 20 enrolments per Semester Enrolment for 2018 will open on 15th February at 2pm. Enrolment will close once quota has been reached. This course provides students with the opportunity to gain in-depth knowledge of the primary research literature within the context of the wider theoretical framework in relation to relevant topics that vary from year to year.	Undergraduate	Semester 1, 2018	Psychology School	2		
Advanced Seminar in Psychology II	Quota of 20 enrolments per semester. Enrolment for 2018 will open on 15th February at 2pm. Enrolment will close once quota has been reached. This course provides students with the opportunity to gain in-depth knowledge of the primary research literature within the context of the wider theoretical framework in relation to relevant topics that vary from year to year.	Undergraduate	Semester 1, 2018	Psychology School	2		

Advanced Seminar in Psychology III	Quota of 20 enrolments per semester. Enrolment for 2018 will open on 15th February at 2pm. Enrolment will close once quota has been reached. This course provides students with the opportunity to gain in-depth knowledge of the primary research literature within the context of the wider theoretical framework in relation to relevant topics that vary from year to year.	Undergraduate	Semester 1, 2018	Psychology School	2		
Assessment in Psychological Practice	Aims to familiarise students with the practical details of psychological test administration, interpretation and report writing relating to most commonly presenting assessment questions in clinical psychology. Hypothesis testing approach to clinical assessment is stressed. Students expected to achieve competence in administration and interpretation of limited number of commonly used assessment devices.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		
Clinical Psychopathology	The aims of the course are to provide students with (i) a working knowledge of descriptive psychopathology, a basic understanding of nosology, current aetiological theories of major psychiatric syndromes, and (ii) a set of practical skills for assessing adult psychopathology. On completion of the course, students should be able to demonstrate a critical appraisal of major classificatory systems, a critical appraisal of predominant models of aetiology and psychopathology and accurate and clear documentation of assessment. The course assessments, tutorials and lectures are integrated with clinical practice in the professional placement, therefore PSYC7191 must be undertaken concurrently with a placement course.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		
Clinical Skills	The course will provide complementary skills and information directly relevant to clinical practice in the clinical internship. The course focuses on basic skills pertaining to therapeutic change.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		

Ethical Practice and Research Approaches	The purpose of this course is to familiarise students with relevant codes of ethics and to examine ethical and professional issues and standards related to the practice of psychology within the areas of Clinical Psychology, Clinical Neuropsychology, Counselling Psychology, Health Psychology, and Sport and Exercise Psychology. The course also aims to examine a range of research approaches and issues and to train students to communicate about their research, both in terms of presenting papers on their thesis projects, and in writing research documents. A combined academic and practical approach will be adopted	Postgraduate Coursework	Semester 2, 2018	Psychology School	1		
Acceptance and Commitment Therapy	This course focuses on developing knowledge, skills and competency in Acceptance and Commitment Therapy (ACT). An overview of the scientific and theoretical underpinnings of ACT is provided. Instruction, guidance, practice and experiential learning in the core ACT therapy techniques and processes are provided. Specific ACT techniques addressed include metaphors, acceptance, mindfulness, defusion, and value-guided behavioural activation strategies. There is an emphasis on acquiring experiential knowledge of ACT and the application of ACT processes and techniques to one's own living as well as clinical practice. The course must be taken concurrently with a placement course as the application of ACT to clinical practice is integrated into PSYC7241.	Postgraduate Coursework	Semester 2, 2018	Psychology School	1		
Evidence-based Psychotherapies	Theoretical and practical training for clinical psychologists in the application of evidence-based therapeutic techniques and interventions for a broad array of clinical populations.	Postgraduate Coursework	Semester 1, 2018	Psychology School	2		

Business Skills for Consultants	The aim of this course is to develop the knowledge and skills that a consultant needs to work effectively in an organisational context. Issues addressed include consulting models; consulting in different business contexts; organisational systems & functions; diagnosis, intervention & evaluation; budgeting; project management; negotiation & conflict management; strategic thinking and judgment; report writing; and presentation skills. The course is structured using an action-learning approach. Students work in teams on a series of case studies throughout the semester under the supervision and guidance of an experienced consultant. This involves assessing the needs of the client, defining the scope of the project, developing a project plan (including milestones and deliverables), developing a budget, preparing the proposal or tender, and making a pitch to the client.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		
Organisational Psychology Dissertation Part A	Develops skills in research design, implementation and reporting for students completing postgraduate coursework degrees. Topic must be approved by the program director and should be field-based. Students enrol in PSYC7414 for 2 semesters, Part A in their first semester and Part B for the final semester.	Postgraduate Coursework	Semester 1, 2018	Psychology School	2		
Business Psychology Project A	The purpose of the Business Psychology Projects are to develop the skills required to work both as an internal and external consultant in the private, public and not-for-profit sector. Each student gets to work on a mix of projects covering different areas of practice and work settings. Types of settings may include small consultancy firms, large consultancy firms, publicly listed companies, government agencies, not-for-profit organisations, and independent practice. The projects are challenging, and require students to apply their skills to a wide range of complex problems. Projects typically involve a mix of internships and externships. During an internship, students work as a group on a consultancy project for a real client under the supervision of an experienced consultant. During an externship, students work in, or for, an external organisation.	Postgraduate Coursework	Semester 1, 2018	Psychology School	2		

Job & Organisational Design	Techniques for designing working environments (physical and psychological) to suit physical, mental and attitudinal characteristics of people operating in that environment.	Postgraduate Coursework	Semester 2, 2018	Psychology School	1		
Business Psychology Project B	The purpose of the Business Psychology Projects are to develop the skills required to work both as an internal and external consultant in the private, public and not-for-profit sector. Each student gets to work on a mix of projects covering different areas of practice and work settings. Types of settings may include small consultancy firms, large consultancy firms, publicly listed companies, government agencies, not-for-profit organisations, and independent practice. The projects are challenging, and require students to apply their skills to a wide range of complex problems. Projects typically involve a mix of internships and externships. During an internship, students work as a group on a consultancy project for a real client under the supervision of an experienced consultant. During an externship, students work in, or for, an external organisation.	Postgraduate Coursework	Semester 2, 2018	Psychology School	1		
Business Psychology Project C	The purpose of the Business Psychology Projects are to develop the skills required to work both as an internal and external consultant in the private, public and not-for-profit sector. Each student gets to work on a mix of projects covering different areas of practice and work settings. Types of settings may include small consultancy firms, large consultancy firms, publicly listed companies, government agencies, not-for-profit organisations, and independent practice. The projects are challenging, and require students to apply their skills to a wide range of complex problems. Projects typically involve a mix of internships and externships. During an internship, students work as a group on a consultancy project for a real client under the supervision of an experienced consultant. During an externship, students work in, or for, an external organisation.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		

Advanced Organisational Psychology	Applied contemporary topics in organisational psychology explored by drawing from examples of recently published research useful for practitioners. Emphasises connection between theory, methodology and practice within each research topic.	Postgraduate Coursework	Semester 2, 2018	Psychology School	1		
Applied Research Methods	Qualitative and quantitative research methods and their application in applied contexts are covered. Enables students to develop their thesis/placement research topic, as well as review and present relevant literature for academic and practitioner audiences.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		
Advanced Personnel Training	The purpose of this course is to familiarise students with the process of conducting training in organisational settings. More specifically, the course should assist students in a) gaining knowledge regarding the theory and empirical research regarding the training process, b) gaining the knowledge and skill required to design and deliver a training intervention and c) critically evaluating various components of training in light of the specific context. The course will provide a brief overview of training issues in applied psychology and focus on specific topics of relevance to the design and implementation of training in organisational settings.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		
Advanced Personnel Assessment	The aim of this course is to develop an understanding of advanced personnel assessment issues, from both theoretical and applied perspectives. It assumes that students have knowledge of principles of measurement and psychometrics and theories and techniques of selection in an occupational setting. The course pays particular attention to psychological testing (cognitive ability, personality, and vocational interests), and behavioural assessment (job interviewing, work samples, and multi-method strategies associated with assessment centres). It also explores contemporary issues in recruitment, selection, and appraisal that offer special challenges to the personnel practitioner.	Postgraduate Coursework	Semester 2, 2018	Psychology School	1		

Organisational Psychology Practicum A	Practicum courses develop professional skills in organisational psychology. Theories and techniques are applied in organisational settings under supervision of placement supervisors and organisational psychology staff.	Postgraduate Coursework	Semester 1, 2018	Psychology School	2		
Organisational Psychology Practicum B	Practicum courses develop professional skills in organisational psychology. Theories and techniques are applied in organisational settings under supervision of placement supervisors and organisational psychology staff.	Postgraduate Coursework	Semester 2, 2018	Psychology School	1		
Organisational Psychology Practicum C	Practicum courses develop professional skills in organisational psychology. Theories and techniques are applied in organisational settings under supervision of placement supervisors and organisational psychology staff.	Postgraduate Coursework	Semester 1, 2018	Psychology School	3		
Organisational Psychology Practicum D	Practicum courses develop professional skills in organisational psychology. Theories and techniques are applied in organisational settings under supervision of placement supervisors and organisational psychology staff.	Postgraduate Coursework	Semester 1, 2018	Psychology School	2		
Psychological Skills Training Techniques in Sport	Practical and theoretical components of psychological skills training programs designed for athletes, coaches and officials in a wide variety of sports for use with novices to elite. Consideration of various populations.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Sport Psychology Placement B	Provides practical experience for MPsych students within a closely supervised university setting.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	2		
Sport Psychology Placement D	Supervised professional practice in a sport or exercise psychology setting.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	2		
Introduction to Applied Practice in Sport & Exercise Psychology	Introduce students to issues related to the professional practice of applied sport and exercise psychology. Includes observation of group sessions, reflection on case studies, discussion of practical concerns and presentation of topical material.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		

Applied Psychology Dissertation Part A	The Applied Psychology Dissertation (PSYC7800) is an essential part of the MAppPsych program, requiring students to conduct an empirical research project of no less than 5000 words and up to maximum of 10,000 words. Each student's topic must be approved by the program director and should be field-based. Students enrol in PSYC7800 for 2 semesters, Part A in their first semester and Part B for the final semester.	Postgraduate Coursework	Semester 1, 2018	Psychology School	2		
Interpersonal Skills in Counselling 1	This course will introduce students to the basic foundational knowledge and skills of counselling. Students will be introduced to the various foundational counselling skills through direct teaching and demonstrations as well as being given supervised practice in the performance of these skills and their integration into a respectful approach to counselling. A link between skills and theoretical underpinnings is an important part of the course. It encourages the student to consider the balance between the science and the practice of psychology, and the value of interviewing skills in the the process of assessment and case formulation. A satisfactory level of proficiency is expected before students can pass this course.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Foundations of Psychological Intervention	This course aims to develop foundational professional skills relevant to practicing psychology. This includes introductions to risk assessment, case formulation, treatment planning and evidence-based psychological interventions.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		
Relationship Counselling	This course will introduce students to current theory and practice in the field of relationship counselling. It will recognise the importance of relationships to our ongoing life satisfaction and wellbeing. It will also examine the complexities of family and culture of origin issues as these pertain to relationship dynamics. Students will be introduced to evidence-based realtionship approaches, with an emphasis on the administration and interpretation of assessment for couples counselling.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		

Counselling and Mental Health	This course will focus on various paradigms for conceptualising mental wellbeing and psychopathology. A biopsychosocial model for assessing the mental health and wellbeing of clients will be emphasised. Students will be encouraged to consider the use of psychological testing in counselling and the major classificatory systems for mental disorders as well as develop an understanding of the major disorders. They will be required to apply psychopharacology, and to administer, score and interpret self-report instruments such as the BDI.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		
Working with Children and Young People in Therapy	This course examines the theory underlying counselling children and young people and a range of therapeutic strategies and approaches for counsellors working with children and young people in various settings and confronting various issues. It considers the issue of evidence-based practice, and provides experience in the application of interventions and treatment based on formal diagnosis.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Understanding and Caring for Those Affected by Loss	The course explores in a thematic and theoretically integrated manner common issues of loss and grief that are inherent in many aspects of human functioning and adverse life events. The influence of loss on reactions to a situation as well as approaches to intervention are considered. Throughout the course, students are encouraged to apply the knowledge gained to their personal experiences and work practices. They also learn how to present their assessments in the form of professional reports. The course aims to enhance the ability of practitioners to empower those dealing with loss through a) the encouragement of individual, familial, community and system strengths, and b) the prevention of the escalation of problems associated with failure to address issues of loss and grief incumbent in a particular situation.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Health and Capacity Challenges and Therapy	The purpose of this course is to develop student understanding of the issues and counselling approaches associated with challenges as the result of health conditions or capacity changes. As such, it considers areas including acute health conditions and emergencies, chronic health conditions, terminal and life-limiting conditions as well as capacity issues associated with disability, chronic mental health issues, addiction, and ageing. It equips students to balance evidence-based health psychology approaches with an appreciation of the lived-experience of the person during assessment and case formulation.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Applied Psychology Placement A	Supervised practicum course to develop professional skills in applied psychology. Theories and techniques are applied in either the general area of psychology or GDPsyPrac student's chosen specialist stream. There is a possibility that students may be required to undertake site workshops prior to placements and these workshops may incur a fee which is payable to the placement provider.	Postgraduate Coursework	Semester 1, 2018	Psychology School	3		
Master of Psychology Dissertation	The Master of Psychology Dissertation is an essential part of the MPsych program, developing skills in research design, implementation and reporting. Each student's topic must be approved by the program director and should be field-based. Students enrol in PSYC7811 for 2 consecutive semesters	Postgraduate Coursework	Semester 1, 2018	Psychology School	2		
Applied Psychology Placement C	Supervised practicum course to develop professional skills in applied psychology. Theories and techniques are applied in either a general area of psychology or in the student's chosen specialist stream. There is a possibility that students may be required to undertake site workshops prior to placements and these workshops may incur a fee which is payable to the placement provider.	Postgraduate Coursework	Semester 1, 2018	Psychology School	2		
Clinical Health Placement B	Supervised practicum course to develop professional skills in applied psychology. Theories and techniques are applied in the specialist area within Health psychology.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		
Health Promotion Placement D	Supervised practicum course to develop professsional skills in applied psychology. Theories and techniques are applied in the specialist area within Health psychology.	Postgraduate Coursework	Semester 2, 2018	Psychology School	1		

Counselling Placement B	Supervised practicum course to develop professional skills in applied psychology. Theories and techniques are applied in the specialist area within Counselling psychology. There is a possibility that students may be required to undertake site workshops prior to placements and these workshops may incur a fee which is payable to the placement provider.	Postgraduate Coursework	Semester 2, 2018	Psychology School	2		
Counselling Placement D	Supervised practicum course to develop professional skills in applied psychology. Theories and techniques are applied in the specialist area within Counselling psychology. There is a possibility that students may be required to undertake site workshops prior to placements and these workshops may incur a fee which is payable to the placement provider.	Postgraduate Coursework	Semester 2, 2018	Psychology School	1		
Dissertation	The purpose of the professional doctorate in psychology is to provide advanced postgraduate research training in Clinical Psychology, Clinical Neuropsychology and Clinical Psychology or Clinical Psychology and Clinical Geropsychology.	Postgraduate Coursework	Semester 2, 2018	Psychology School	2		
Dissertation	The purpose of the professional doctorate in psychology is to provide advanced postgraduate research training in Clinical Psychology, Clinical Neuropsychology and Clinical Psychology or Clinical Psychology and Clinical Geropsychology.	Postgraduate Coursework	Semester 2, 2018	Psychology School	1		
Doctor of Psychology Dissertation Part A	The purpose of the professional doctorate in clinical psychology is to provide advanced postgraduate research training in clinical psychology. The thesis should be equivalent in depth, scope and length to a master's research thesis and may be field or laboratory based. Full time students enrol in PSYC8011 Doctor of Psych Dissertation A in their first semester and PSYC8011 Doctor of Psych Dissertation B in the second semester of study. Part time students enrol in PSYC8012 Doctor of Psych Dissertation A for 3 semesters and PSYC8012 Doctor of Psych Dissertation B for the fourth semester of study.	Postgraduate Coursework	Semester 2, 2018	Psychology School	1		

Doctor of Psychology Dissertation Part A	The purpose of the professional doctorate in clinical psychology is to provide advanced postgraduate research training in clinical psychology. The thesis should be equivalent in depth, scope and length to a master's research thesis and may be field or laboratory based. Full time students enrol in PSYC8011 Doctor of Psych Dissertation A in their first semester and PSYC8011 Doctor of Psych Dissertation B in the second semester of study. Part time students enrol in PSYC8012 Doctor of Psych Dissertation A for 3 semesters and PSYC8012 Doctor of Psych Dissertation B for the fourth semester.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		
Public Health Psychology	Public health psychology encompasses the critical application of psychology at a population level. It focuses on maintenance of well-being from a perspective that considers the influence of systemic and economic factors on individual behaviour and well-being, and acknowledges the effects of gender, ethnicity, age, and other sociocultural factors on individual choice. It complements the individual focus of PSYC8111 Advanced Clinical Health Psychology. It uses lectures and discussion to provide in-depth knowledge and ethical and social understanding of the issues.	Postgraduate Coursework	Semester 2, 2018	Psychology School	1		
Advanced Clinical Health Psychology	The goal of this course is to provide students with a theoretical and working knowledge of health psychology, its application in health care settings and new developments on the social perspectives of health. A range of topics in health psychology are presented in the context of addressing issues of primary prevention, treatment adherence and intervention, with students gaining an understanding of different approaches to health, including the newly developed social identity approach.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		
Neuroanatomy for Neuropsychologists	The course aims to provide a knowledge base in neuroanatomy, neuropathology and brain-behaviour relationships. The practical components are designed to introduce the application of knowledge to the practice of clinical neuropsychology.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		

Diagnosis and Management of Neuropsychological Disorders	This unit addresses the diagnosis management of developmental and adult neuropsychological disorders. Specifically, the material will cover developmental disabilities, epilepsy and acquired brain injury, focusing on the diagnosis of disorders of attention, memory, language and movement. To follow from PSYC8161 Neuroanatomy for Neuropsychologists , the teaching material will be based on human neuroanatomy and diagnostic neuroscience principles. The theoretical perspective will include principles of cognitive neuropsychology. The first three seminars will cover topics on paediatric disorders. Thereafter, the emphasis will be on rehabilitation of adult neuropsychological disorders. This unit serves as an introduction to the diversity of neuropsychological disorders and their causes.	Postgraduate Coursework	Semester 1, 2018	Psychology School	1		
Cognitive Neuroscience of Clinical Neuropsychology	Building upon PSYC8161 Neuroanatomy for Neuropsychologists and PSYC8171 Diagnosis and Management of Neuropsychological Disorders, this course pursues a theoretical perspective for the manifestation of neuropsychological disorders such as attention, memory, language and movement. The teaching material will focus on the findings of recent paradigms which combine neuroscience techniques (imaging, behavioural and physiological recordings) with cognitive psychology and neuropsychology. The aim of this course is to provide a sound understanding of the cognitive mechanisms underlying neuropsychological disorders.	Postgraduate Coursework	Semester 2, 2018	Psychology School	1		
Clinical Leadership and Supervision	This course is a capstone course in the clinical psychology professional doctorate program. It brings together the skills of clinical work as well as ethical and interpersonal competencies and extends these into leadership and supervision roles. Lectures on strategy and management in health care settings, empirically-based approaches to supervision, effective interdisciplinary functioning and effective promotion of clinical psychology as a discipline are included. Assessment is practical and competency based.	Postgraduate Coursework	Semester 2, 2018	Psychology School	1		

Applied Gerontology	This course offers an opportunity to study applied theory and practice relating to ageing in terms of positive ageing, assisting those with age-related illnesses, and the successful negotiation of life transitions. It will be particularly useful for mental health workers hoping to improve their knowledge and skills in working with older persons.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	1		
Internship and Professional Practice 1	Supervised 250 hours professional experience. Internships conducted largely within the UQ Psychology Clinic, designed to extend skills in psychological assessment, therapy and report writing, and to develop understanding of professional issues.	Postgraduate Coursework	Semester 1, 2018	Psychology School	2		
Internship and Professional Practice 2	Supervised 250 hours professional experience. Internships conducted largely within the UQ Psychology Clinic, designed to extend skills in psychological assessment, therapy and report writing, and to develop understanding of professional issues.	Postgraduate Coursework	Semester 1, 2018	Psychology School	2		
Externship Placement 1	A minimum of 250 hours professional experience in field placements under supervision. Provides opportunity to develop skills in area of specialisation to level suitable for effective practice.	Postgraduate Coursework	Semester 1, 2018	Psychology School	2		
Externship Placement 2	A minimum of 250 hours professional experience in field placements under supervision. Provides opportunity to develop skills in area of specialisation to level suitable for effective practice.	Postgraduate Coursework	Semester 1, 2018	Psychology School	2		
Externship Placement 3	A minimum of 510 hours professional experience in field placements under supervision. Aims are to gain depth in clinical psychology skills or to consolidate skills in specialist areas. Enrolment in the external offering is by special arrangement only.	Postgraduate Coursework	Semester 1, 2018	Psychology School	2		
Public Health Research Methods	This course imparts knowledge of and skills in basic qualitative and quantitative research methods used in public health research.	Postgraduate Coursework	Semester 1, 2018	Public Health School	1		

Mental Health Across the Globe: Challenges & Opportunities	This course is designed to provide an overview of the mental health field in Australia and overseas. It is concerned with understanding mental health epidemiology and burden, policy, economics and current directions in mental health service reform. It explores challenges and opportunities in reducing the burden associated with mental disorders in low, middle and high income countries and for special populations.	Postgraduate Coursework	Summer Semester, 2	Public Health School	1		
Introduction to Public Health	PUBH1102 is a core course in the Bachelor of Health Sciences and introduces a number of key concepts and ideas that will be taken up in more detail by other core and elective courses. The course helps students gain a broad understanding of the history and overarching principles of public health, and the role of the discipline in improving health and reducing health inequities. In this course, students study the multiple and interacting factors which impact on human health, including bio-physiology; behaviour; culture; societal structure (social, political, economic, and built context); and the natural environment. Students are also introduced to the concepts and tools used to assess and measure the health status of populations, analyse the determinants of health, and determine the effectiveness of interventions. PUBH1102 will provoke interest and discussion, leaving students with an appreciation of the wider context in which human health occurs. Whether students are inspired to pursue a career path in public health at the graduate level, or are going on to further study in public health or the other health sciences, this course provides them with a solid, broad foundation upon which to build.	Undergraduate	Semester 1, 2018	Public Health School	1		

Health Systems & Policy	This course examines the actors and relationships in the Australian health system and the exchanges that take place between them. Health policy drives the system; how and why policy is created will be examined. The economic context in which health care is provided is examined and students develop the skills necessary to analyse issues relating to health systems from different perspectives. Policies and reforms initiatives in the Australian health system are used to illustrate the application of theoretical concepts. Students will have the opportunity to apply the principles learnt to current issues facing health systems and debate the alternatives.	Undergraduate	Semester 2, 2018	Public Health School	1		
Understanding Health Behaviours	The course provides an overview of behavioural risk factors for major chronic diseases at a population level: their prevalence and variations, and the social and environmental factors that may be influencing them. This provides key elements of the knowledge base for evidence-based population health programs and policies.	Undergraduate	Semester 2, 2018	Public Health School	1		
Health Research Methods	This course will introduce the main statistical methods used in health care research.	Undergraduate	Semester 2, 2018	Public Health School	1		
Major Diseases & their control	This course aims to give the students a global snapshot of the major non-communicable diseases (NCDs) affecting the human population. Basic epidemiology concepts pertaining to NCDs and their risk factors will be covered along with an introduction to prevention and control strategies for managing these different conditions.	Undergraduate	Semester 1, 2018	Public Health School	1		
Health Policy in Practice	This course introduces students to some of the major challenges faced by the Australian health system and examines some of the policy responses that have been developed to address those challenges. The course aims to develop basic skills relevant to both the development and analysis of policy responses, with particular emphasis on the gathering, analysis and synthesis of evidence from multiple sources and perspectives.	Undergraduate	Semester 1, 2018	Public Health School	1		

Influencing Health Behaviours	This course provides an overview of an evidence-based approach to the development, implementation and evaluation of health behaviour interventions. PUBH3005 will develop and extend students' abilities in critically appraising, understanding and applying scientific evidence in the development, implementation and evaluation of population health intervention programs.	Undergraduate	Semester 1, 2018	Public Health School	1		
Alcohol in Contemporary Society	This course will examine patterns of alcohol use and patterns of alcohol related harm from a national and international perspective. Historical, social and economic factors influencing alcohol use and legislative controls are critically analysed as are alcohol control policy, intervention programs and services that have developed in response to community and individual harms associated with alcohol use.	Postgraduate Coursework	Semester 2, 2018	Public Health School	1		
Health Promotion in Public Health	This course is designed to introduce students to the history, principles, central concepts and theories of health promotion in the context of public health. Students will gain an understanding of how to identify health promotion priorities and strategies across the disease prevention continuum from local to global. Frameworks for health promotion action will be presented, so that students gain an understanding of the scope of health promotion. Students will be introduced to the basic theories of communication and the role communication skills play in health promotion action.	Postgraduate Coursework	Semester 2, 2018	Public Health School	1		
Health Promotion Planning	In this course, students will critically appraise evidence to understand how to set priorities for health promotion actions for disease prevention. Students will be introduced to the processes, frameworks and tools that are fundamental in the development and planning of health promotion.	Postgraduate Coursework	Semester 2, 2018	Public Health School	1		
Health Promotion Implementation and Evaluation	This course will introduce students to frameworks and tools for evaluation in health promotion. Students will gain the skills to develop comprehensive evaluation plans that facilitate the evidence needed to inform sustainable health promotion actions.	Postgraduate Coursework	Semester 1, 2018	Public Health School	1		

Communicable Disease Management & Control	This course covers the management and control of communicable diseases affecting human populations. The core components of communicable disease management and control such as surveillance, screening, case finding and diagnostics, vector elimination, immunisation, and outbreak control in the domestic and international settings will be discussed. Diseases will be discussed according to their common modes of transmission and how this impacts on the implementation and effectiveness of management and control strategies. The global distribution, epidemiology, life cycle, clinical manifestations, treatment, prevention, control and surveillance of selected communicable diseases will be discussed in detail to assist students to apply the principles of communicable disease management and control covered in this course. For diseases that have vectors or intermediary hosts, factors affecting disease transmission, vector ecology and environmental control options will also be discussed. This course may not be offered if the enrolment is less than 15 students.	Postgraduate Coursework	Semester 2, 2018	Public Health School	1		
Health Aspects of Disasters	This course covers the common types of disasters and effects on health, nutrition and mortality; public health and medical responses; infectious disease and nutritional emergencies; refugee camps; co-ordination of Donor and Aid agencies; disaster preparedness and minimization of health hazards. This course may not be offered if the enrolment is less than 10 students.	Postgraduate Coursework	Summer Semester, 2	Public Health School	1		

Public Health Practice	PUBH7120 prepares students for working in the public health field. Knowledge acquired throughout the Master of Public Health program is further developed to fine-tune cross-cutting skills in leadership, communication and advocacy, systems thinking and knowledge translation. Learning activities and assessment items have been designed to reflect the nature of public health work environment and to provide students with the ability to make a more effective and efficient contribution to it in the future. Students will have the opportunity to prepare advice for a Minister of Health on an important public health issue and work collaboratively to critically analyse public health cases.	Postgraduate Coursework	Semester 1, 2018	Public Health School	2		
Tobacco Cessation & Control	This course covers: the health aspects of tobacco use worldwide; demographic patterns of tobacco use; strategies for tobacco control including behavioural and pharmacological support for individuals, legislation to restrict sales and use; taxation and population education. This course may not be offered if the enrolment is less than 10 students.	Postgraduate Coursework	Summer Semester, 1	Public Health School	1		
Introduction to Epidemiology	This course covers: definition and history of Epidemiology; measures of disease prevalence, incidence and risk; study designs; measures of association between exposure and disease; chance, bias, confounding, mediation and effect-modification; association and causation; critical appraisal and integration of the evidence; outbreaks and surveillance; disease prevention; screening; current challenges and future directions.	Postgraduate Coursework	Semester 1, 2018	Public Health School	2		
Epidemiology in Practice	This course will provide in-depth exposure to the fundamental concepts, research designs and analytic strategies of epidemiology. It aims to develop a coherent understanding of the principles of epidemiology. This course has prerequisite of PUBH7600 Introduction to Epidemiology and students must have successfully completed this course before enrolling in PUBH7611.	Postgraduate Coursework	Semester 2, 2018	Public Health School	1		

Health Systems	The course provides students with a theoretical and practical understanding of the building blocks of health systems, their global and national contexts, design and operation. We look at issues of how policies and resources shape health systems, drawing on national examples and global health policy.	Postgraduate Coursework	Semester 1, 2018	Public Health School	1		
Social Perspectives in Public Health	The course provides essential foundations in public health through an introduction to the social sciences and an investigation of its contribution to knowledge, understanding and practice in public health. Through the course students will investigate health (in)equalities, a fundamental challenge in public health, and develop core critical thinking, writing and social analysis skills.	Postgraduate Coursework	Semester 1, 2018	Public Health School	1		
Introduction to Biostatistics	This course covers data collection, management and presentation; sampling and sample selection; sampling variability and statistical inference including estimation, confidence-intervals, hypothesis testing and sample size calculation; statistical computing; planning and reporting statistical analyses.	Postgraduate Coursework	Semester 1, 2018	Public Health School	2		
Practical Regression Analyses	The course covers Normal-theory regression (for continuous and categorical predictor variables), Poisson regression, logistic regression and survival analysis. Goodness-of-fit issues are discussed, as are model-building strategies. Developing a structured plan of analysis, to incorporate specific analytical tools around a set of research objectives, with an appropriate report structure is emphasised. This course may not be offered if the enrolment is less than 10 students.	Postgraduate Coursework	Semester 2, 2018	Public Health School	1		
Clinical Epidemiology	This course covers the principles of epidemiology as applied to clinical questions, thereby providing the framework for finding the best answers to "real world" questions about clinical practice and health care. Individuals taking this course will acquire the basic skills required to understand the fundamental questions about the effectiveness of clinical therapies, usefulness of screening and diagnostic tools, prognosis and disease causation.	Postgraduate Coursework	Semester 1, 2018	Public Health School	1		

Methods of Clinical Epidemiology	The course builds on PUBH7650 (Introduction to Clinical Epidemiology) by taking students from the basic concepts underpinning clinical epidemiology to more advanced consideration of topics that are important for evidence based health care. In this course, students will develop a practical understanding of the following areas of interest to clinical epidemiologists: diagnosis, prognosis and treatment, and review and meta-analysis.	Postgraduate Coursework	Semester 2, 2018	Public Health School	1		
Project	Students engage in a guided research activity in a selected area of population health. The project is designed to be flexible, with the specific setting, activities and outcomes which include a comprehensive written report, negotiated between the student and advisor(s). Students can enrol in this course in Semester 1, 2 or Summer Semester. Before enrolling students must obtain permission from the program coordinator and have achieved a minimum GPA of 5.5 across at least 8 units of coursework, including at least 4 units from Part A.	Postgraduate Coursework	Semester 1, 2018	Public Health School	2		
Project	Recognising the importance of postgraduate research development within a student's specialist field of public health study at the workplace, this course enables students to undertake a workplace practicum, guided study or a minor research project under the guidance of university staff and a workplace advisor. Students enrolling in this course as full-time students must enrol in PUBH7900. Students enrolling in this course as part-time students and commencing in sem 1 must enrol in PUBH7901. Students enrolling in this course as part-time students and commencing in sem 2 must enrol in PUBH7902. Students must obtain permission from their program coordinator before they can enrol.	Postgraduate Coursework	Semester 1, 2018	Public Health School	2		

Project	Recognising the importance of postgraduate research development within a student's specialist field of public health study at the workplace, this course enables students to undertake a workplace practicum, guided study or a minor research project under the guidance of university staff and a workplace advisor. Students enrolling in this course as full-time students must enrol in PUBH7900. Students enrolling in this course as part-time students and commencing in sem 1 must enrol in PUBH7901. Students enrolling in this course as part-time students and commencing in sem 2 must enrol in PUBH7902. Students must obtain permission from their program coordinator before they can enrol.	Postgraduate Coursework	Semester 2, 2018	Public Health School	1		
Dissertation (full time study)	The dissertation allows students to consolidate and extend the knowledge and skills acquired during the coursework and apply these in a scientific way in a public health or (clinical) epidemiological context. It can form the basis of a paper publishable in a (inter)national peer-reviewed journal in the dissertation's topic area. Before enrolling, students must obtain permission from the program coordinator and have achieved a minimum GPA of 5.5 across at least 8 units of coursework, including at least 4 units from Part A. Students completing dissertations are unlikely to have their degree conferred until the end of the semester following submission of their dissertation. This course code is for full-time students who will complete the dissertation in one semester. Part-time students should enrol in PUBH7955 (if commencing in semester 1) or PUBH7957 (if commencing in semester 2).	Postgraduate Coursework	Semester 1, 2018	Public Health School	2		

Dissertation (part time study)	The dissertation allows students to consolidate and extend the knowledge and skills acquired during the coursework and apply these in a practical way in a public health setting. It can form the basis of a paper publishable in a major public health journal. Before enrolling students must obtain permission from the program coordinator and achieved a minimum GPA of 5.5 across at least 8 units of coursework, including at least 4 units from Part A. Students completing dissertations are unlikely to have their degree conferred until the end of the semester following submission of their dissertation. This course code is for the year-long part-time dissertation which is commenced in Semester 1 and completed in Semester 2 of the same year. Full-time students should enrol in PUBH7950. Part-time students commencing in semester 2 should enrol in PUBH7957.	Postgraduate Coursework	Semester 1, 2018	Public Health School	2		
Dissertation (part time study)	The dissertation allows students to consolidate and extend the knowledge and skills acquired during the coursework and apply these in a practical way in a public health setting. It can form the basis of a paper publishable in a major public health journal. Before enrolling students must obtain permission from the program coordinator and achieved a minimum GPA of 5.5 across at least 8 units of coursework, including at least 4 units from Part A. Students completing dissertations are unlikely to have their degree conferred until the end of the semester following submission of their dissertation. This course code is for the year-long part-time dissertation which is commenced in Semester 1 and completed in Semester 2 of the same year. Full-time students should enrol in PUBH7950. Part-time students commencing in semester 2 should enrol in PUBH7957.	Postgraduate Coursework	Semester 2, 2018	Public Health School	2		

Public Transport Introduction	(course runs for 3 days intensive - total 20 hours) This foundation course aims to provide basic skills and knowledge for public transport professionals to understand the context in which they work and how it impacts roles and responsibilities. The course provides a broad overview of public transport including context, strategies, demand, evaluation, modes, market perspectives, funding, data collection and managing performance.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		
Public Transport Planning	(course runs for 3 days intensive - total 20 hours) This course aims to enable students to apply leading practice principles for an integrated approach to public transport planning. This course covers strategy and planning, stakeholder and community engagement, developing options, resourcing programs, policy and regulatory framework, policy options, organisations and institutions and delivery.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		
Public Transport Operations	(course runs for 3 days intensive - total 20 hours) This course aims to provide students with the basic skills and knowledge to plan and operate public transport services. After completing this course, students will understand the context within which planning occurs, and be familiar with the terminology, principles, methods, tools, and issues involved in designing networks and planning for public transport services.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		
Public Transport Funding	This course provides an introduction to the funding of public transport, including financial and economic analysis and the factors affecting funding. This course will cover fare policy, revenue generating and cost reduction initiatives, managing financial performance, investment appraisal and business case development.	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	1		
Review of Public Transport	This course provides students with an introduction to data collection and analysis for planning, developing, operating, managing and monitoring public transport systems. The course provides a systematic framework to be able to describe and measure the impact of public transport infrastructure and services, including quality of service, surveys and reporting, stakeholder involvement and measuring transport system performance.	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	1		

Transport Research Methods	(course runs for 3 days intensive - total 20 hours) This course aims to provide basic skills and knowledge to undertake successful research projects in transport, covering skills needed to conduct research planning and design, defining the research question, research methodology, reviewing literature, collection and analysing data and report writing for transport research projects.	Postgraduate Coursework	Semester 1, 2018	Civil Engineering School	1		
Public Transport Project	This course aims to demonstrate the application of public transport theory and practice to a specific topic or issue within an industry setting. The course involves specifying and developing a research project on a specific public transport topic or issue, systematically plan, manage and provide a report on the outcome.	Postgraduate Coursework	Semester 2, 2018	Civil Engineering School	1		
Foundation Knowledge for Mental Health Practice	This course is designed to provide foundation knowledge for effective mental health practice drawing on areas of knowledge common to most forms of mental health practice. There are no elective learning activities or assessment items. Topics covered include: human development and mental health practice; systems theory and mental health practice; cultural considerations in mental health practice; ethical issues in mental health practice; legislative and policy framework for mental health practice; training and regulation of mental health practice; principles of assessment, diagnosis and treatment planning in mental health practice; prinicples of evidence-based practice.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		
Foundation Skills for Mental Health Practice	This course provides a clinical skill foundation for effective mental health practice. The course focuses on the clinical skills that underpin contemporary best practice in mental health. The course content is set and there are no elective learning activities or assessment items. Course content includes: assessment skills (observation, interviewing, use of standardised procedures and measures, risk assessment), diagnosis and formulation, counselling microskills, working alliance formation, collaborative treatment planning, and report writing.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		

Application of Foundation Skills in Mental Health Practice	This course enables students to apply the knowledge and skills developed during PXMH7023 and PXMH7024 courses in a mental health practice environment. Students will undertake 200 mental health practice hours; of which a minimum of 50 take the form of providing direct mental health services to clients. The remaining hours may be completed by observation of the practice of more experienced mental health practitioners, participation in team meetings and clinical case discussions and record keeping. Students receive a minimum of 10 hours of clinical supervision from an approved on-site supervisor while completing their practice hours. The 200 practice hours may be undertaken in the student's workplace or other workplace subject to access to appropriate practicum experience and suitable supervision arrangements.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		
Application of Specialist Psychotherapy Skills in Mental Health Practice A	This course enables students to implement knowledge and skills developed during specialist psychotherapy knowledge and skill courses. Students undertake 200 hours of psychotherapy practice, of which a minimum of 50 takes the form of provision of psychotherapy to clients. Suitable activities for the remaining hours include observation of the practice of more experienced psychotherapists, participation in individual or group supervision or clinical case presentations, record keeping and administrative tasks. Students receive a minimum of 15 hours of clinical supervision from an approved supervisor and participate in a weekly supervision group provided by the university. The 200 practice hours may be undertaken in the student's workplace or other workplace subject to access to appropriate practicum experience and suitable supervision arrangements.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		

Core Knowledge for Mental Health Practice	This course provides the knowledge required for provision of a range of mental health interventions to a broad range of treatment applications. The course will also provide essential knowledge required for working with different age groups, families, groups and people from different cultural backgrounds. This course includes elective learning activities and choice with respect to assessment items (e.g. essay topics). Students enrolled in a specialist study plan or seeking recognition by a professional body should consult the study plan handbook when making decisions about elective learning activities and choice of assessment items. These courses cover topics such as: expressive therapies, cognitive behaviour therapies, systemic therapies, psychodynamic therapies, psychodynamic therapies, psychopharmacology, working with children and adolescents, working with families, working with groups, working with older people, working with minorities, case management in mental health. The course creates the foundation for the development of specialist practice knowledge during the second year of the program.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	1		
Core Skills for Mental Health Practice	This course develops clinical skills that underpin the delivery of evidence based treatments to people who have mental health problems in individuals and group contexts. These include assessment, therapeutic interventions and treatment evaluation skills. Students develop the capacity to design assessment strategies and interventions that take into account client developmental factors and characteristics such as cultural background.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	1		

Application of Core Skills in Mental Health Practice	This course enables students to implement the knowledge and skills developed during PXMH7028 and PXMH7029, in an appropriate mental health practice environment. Students undertake 200 hours of mental health practice, of which a minimum of 50 take the form of providing direct mental health services to clients. The remaining hours may be completed by observation of the practice of more experienced mental health practitioners, participation in team meetings and clinical case discussions and record keeping. Students receive a minimum of 10 hours of clinical supervision from an approved on-site supervisor. The 200 practice hours may be undertaken in the student's workplace or other workplace subject to access to appropriate practicum experience and suitable supervision arrangements.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	1		
Art Therapy in Clinical Practice	This course is designed to prepare students for clinical practice in art therapy. The focus on developing a theoretical framework for practice, having reference to international perspectives and models, and on clinical skills in application of this framework. Topics include: client assessment, design of art therapy interventions; relationships between art therapy and other psychotherapy approaches, and individual, group and family contexts for provision of art therapy.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		
Art Therapy with Special Populations	This course provides training for advanced practice in the art therapy field. It requires students to research and develop art therapy interventions with emphasis on group interactions and the use of a range of art media. Students are expected to be able to develop interventions that take into account the needs and attributes of specific clinical populations. Students are required to present their work using both oral and written techniques suitable for communication with professional colleagues.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		

Application of Specialist Art Therapy Skills in Mental Health Practice A	This course is designed to enable students to implement knowledge and skills developed during specialist art therapy knowledge and skill courses. Students undertake 200 hours of art therapy practice, of which a minimum of 50 takes the form of provision of art therapy to clients. Students are expected to consult closely with the practicum supervisor regarding assessment, treatment plans and implementation of treatment. Other activities appropriate for this course include observation of the practice of more experienced art therapists, participation in individual group supervision or other clinical case discussions and record keeping. Students receive a minimum of 15 hours of clinical supervision from an approved supervisor and, in addition, participate in a weekly supervision group provided by the university. The full 200 hours or some proportion thereof may be undertaken in the student's own workplace, subject to access to appropriate practicum experience and suitable supervision arrangements.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		
Application of Specialist Art Therapy Skills in Mental Health Practice B	This course is designed to enable students to implement knowledge and skills developed during specialist art therapy knowledge and skill courses. Students undertake 200 hours of art therapy practice, of which a minimum of 50 takes the form of provision of art therapy to clients. During this practicum, students are expected to demonstrate capacity to provide art therapy services under general supervision but with substantial autonomy. Other activities appropriate for this course include observation of the practice of more experienced art therapists, participation in individual or group supervision or other clinical case discussions and record keeping. Students participate in a weekly supervision group provided by the university. The full 200 hours or some proportion thereof may be undertaken in the student's own workplace, subject to access to appropriate practicum experience and suitable supervision arrangements.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		

Clinical Practice in Systemic Family Therapy	This course provides students with the opportunity to develop specialist knowledge and skills for application in family therapy practice. The focus is on the acquisition of knowledge and skills relevant to working systemically with individuals, couples and families. Students are expected to develop knowledge of several theoretical perspectives and capacity to apply these therapeutically. Students develop a capacity to work as part of a family therapy team.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		
Advanced Clinical Practice in Systemic Family Therapy	This course provides students with the opportunity to develop specialist knowledge and skills for application in family therapy practice. The focus is on the application of systemic principles and techniques to family therapy with individuals and couples and there is some consideration of the application of systemic principles and techniques in organisations. Students develop further experience working in teams and are expected to take on increasing responsibility within the team. Students are also expected to develop greater capacity to utilise understanding of personal systemic influences and how these impact on their work as family therapists. Please note: Students must contact course co-ordinator before enrolling in this course.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	1		

Application of Specialist Family Therapy Skills in Mental Health Practice A	This course is designed to enable students to implement knowledge and skills developed during specialist family therapy knowledge and skill courses. Students undertake 200 hours of family therapy practice, of which a minimum of 50 takes the form of provision of family therapy to clients. Students are expected to consult closely with the practicum supervisor regarding assessment, treatment plans and implementation of treatment. Other activities appropriate for this course include observation of the practice of more experienced family therapists, participation in individual or group supervision or other clinical case discussions and record keeping. Students receive a minimum of 15 hours of clinical supervision from an approved supervisor and, in addition, participate in a weekly supervision group provided by the university. The full 200 hours or some proportion thereof may be undertaken in the student's own workplace, subject to access to appropriate practicum experience and suitable supervision arrangements.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		
Application of Specialist Family Therapy Skills in Mental Health Practice B	This course is designed to enable students to implement knowledge and skills developed during specialist family therapy knowledge and skill courses. Students undertake 200 hours of family therapy practice, of which a minimum of 50 takes the form of provision of family therapy to clients. During this practicum, students are expected to demonstrate a capacity to provide family therapy services under general supervision but with substantial autonomy. Other activities appropriate for this course include observation of the practice of more experienced family therapists, participation in individual or group supervision or other clinical case discussions and record keeping. Students receive a minimum of 15 hours of clinical supervision from an approved supervisor and participate in a weekly supervision group provided by the university. The full 200 hours or some proportion thereof may be undertaken in the student's own workplace, subject to access to appropriate practicum experience and suitable supervision arrangements.	Postgraduate Coursework	Semester 2, 2018	Medicine Faculty	1		

Brief Psychotherapy Interventions	This course provides students with specialist knowledge and skills for intervention in the provision of time limited approaches in psychotherapy practice. The course focus is on the acquisition of knowledge and skills to provide evidence based brief psychotherapeutic interventions to suitable clients. Training is provided in interventions such as cognitive behaviour therapy and brief psychodynamic therapy.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		
Exploratory Psychotherapy Interventions	This course provides students with specialist knowledge and skills for intervention in the provision of exploratory approaches in psychotherapy practice. The course focus is on the acquisition of knowledge and skills relevant to working with clients with more complex difficulties, using longer term and more exploratory interventions.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		
Application Psychotherapy Practice B	This course is designed to enable students to implement knowledge and skills developed during specialist psychotherapy knowledge and skill courses. Students undertake 200 hours of psychotherapy practice, of which a minimum of 50 takes the form of provision of psychotherapy to clients. Suitable activities for the remaining hours include observation of the practice of more experienced psychotherapists, participation in individual or group supervision or clinical case presentations, record keeping and administrative tasks. Students receive a minimum of 15 hours of clinical supervision from an approved supervisor and participate in a weekly supervision group provided by the university. The 200 practice hours may be undertaken in the student's workplace or other workplace subject to access to appropriate practicum experience and suitable supervision arrangements.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		

Independent Mental Health Project A	This course provides students with basic training in preparation and planning to successfully undertake an independent research project. Students are required to formulate a research question, undertake a literature review and design and write up a research project. The size of the research project will be limited so that it can be completed in one semester. Students will receive intensive training in research design and participate in fortnightly group supervision throughout the duration of their projects. They also have access to a tutor who can provide advice as required. It is however expected that the student will demonstrate capacity to work independently.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	1		
Independent Mental Health Project B	This course builds on PXMH7067 and students will undertake their independent research project. Students analyse information obtained during their research and prepare a report suitable for publication. Students participate in fortnightly group supervision to guide the implementation of their project, analysis of data and plan the write up of results. Students also consult with a tutor who can provide more specific advice as required. It is however, expected that the student will demonstrate capacity to work independently.	Postgraduate Coursework	Semester 1, 2018	Medicine Faculty	2		
Research Process in Business	The purpose of this course is to expose you to the full spectrum of the research process relating to business. On completing the course students will have the knowledge and skills relating to: pitch new research ideas; understand research design trade-offs; identify value-adds to their research; craft their research writing; present their research at conferences, symposia and workshops; be effective discussants at conferences; understand the journal refereeing process; and have strategies for sustainable publishing success.	Postgraduate Coursework	Semester 1, 2018	Business School	2		

Research Project	Research report on topic of student's choice requiring approximately 26 hours study & permission of Head of School. (If enrolling in this course across 2 semesters: Students commencing in sem 1 must enrol in RBUS7982 for both semesters. Students commencing in sem 2 must enrol in RBUS7983 for both semesters. Students enrolling in a single sem must enrol in RBUS7981).	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Research Thesis	Students required to complete research thesis on selected topic within their area of major interest. Topic to be approved by Head of School. For details consult Head of School. (If enrolling in this course across 2 semesters: Students commencing in sem 1 must enrol in RBUS7991 for both semesters. Students commencing in sem 2 must enrol in RBUS7992 for both semesters. Students enrolling in a single sem must enrol in RBUS7993).	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Business Research Methods	Introduction to qualitative & quantitative research methods in organisational contexts. Exploratory, quasi-experimental, survey, evaluation & action research methods. Sampling theory. Research process & report writing. Ethics in business research.	Undergraduate	Semester 1, 2018	Business School	2		
Special Topics in Business	Special topics are offered by academic staff or distinguished visitors.	Undergraduate	Semester 2, 2018	Business School	1		

Integrated Commerce in Practice	The course is based around the theory of the firm which provides an explanation of how the firm fits into the economic system and creates value. The course relies on the paradigm of financial economics to provide an understanding of the broad range of determinants of firm value. These include accounting information which is generated for management purposes, particularly cost and value drivers, and external reporting, which considers the value effects of financial structures and control. Value created from the information systems environment in the firm is considered and the value effects of mergers, capital structure and distribution are also addressed. The course focuses on the role of governance in creating value and how ethics and reputational capital operate in a market economy. The course relies heavily on case material and written and oral communications are emphasised as important outcomes from the course.	Undergraduate	Semester 1, 2018	Business School	2		
Business Industry Placement	In this course, students consolidate their knowledge and skills by engaging in a short placement in an organisation. Further information can be found on the BEL Faculty website.	Undergraduate	Semester 1, 2018	Business School	2		
Qualitative Business Research Methods	Within an applied, managerial focus, the course provides the student with a set of skills in designing & undertaking qualitative research.	Undergraduate	Semester 2, 2018	Business School	1		

Quantitative Business Research Methods I	Research in business is characterised by an increasing sophistication in methods and models. This course provides students with an introduction to the fundamentals of structural equations with latent variables. Latent variable structural equation modelling (SEM) is a very general and flexible modelling framework with much application to research in the applied business disciplines (e.g., accounting, business information systems, international business, management, marketing, etc.). SEM subsumes many statistical models as special cases (e.g., factor analysis and linear regression) and is especially designed to incorporate latent variables, which in typical applications represent attitudes or other latent ?constructs.? This course focuses on the fundamental theory of latent variable SEM and is not particularly mathematical. Emphasis is placed on the concepts and statistical theory of SEM, including model notation, model estimation and identification, and SEM sub-models. The fundamentals of the full generalised SEM model, and applications and extensions of the model are discussed, including applications to cogent social science disciplines (e.g., applied economics and applied psychology). This practical and applied course is lab-based with a mix of short seminar style presentations and instruction in the use of statistical packages for specifying and estimating SEM models.	Undergraduate	Semester 1, 2018	Business School	1		
Commerce Honours Seminar	Research seminar in topics relevant to commerce, for example management of Intellectual Property.	Undergraduate	Semester 1, 2018	Business School	1		
Research Process	The objective of the course is to encourage the design and conduct of rigorous research. To achieve this aim students will be introduced to the fundamentals of designing and analysing experimental and non-experimental data. A central aim of the course is to provide students with fundamental knowledge to develop a substantive research proposal and undertake research in Business thus preparing the student for their PhD or MPhil confirmation process and dissertation.	Postgraduate Coursework	Semester 1, 2018	Business School	1		

Scientific Method in Commerce	The scientific method and social science traditions are the particular focus of this course. Special attention is given to the application of scientific and social research methods to substantive research problems and issues in accounting, finance and management information systems. (If enrolling in this course across 2 semesters: Students commencing in semester 1 must enrol in RBUS6921 for both semesters. Students commencing in semester 2 must enrol in RBUS6922 for both semesters. Students enrolling in a single semester must enrol in RBUS6920).	Undergraduate	Semester 1, 2018	Business School	2		
Scientific Method in Management	The scientific method and social science traditions are the particular focus of this course. Special attention is given to the application of scientific and social research methods to substantive research problems and issues in marketing, management and international business. (If enrolling in this course across 2 semesters: Students commencing in semester 1 must enrol in RBUS6931 for both semesters. Students commencing in semester 2 must enrol in RBUS6932 for both semesters.)	Undergraduate	Semester 1, 2018	Business School	2		
Honours Thesis	Independent research thesis in any relevant field of management. Research supervised by academic staff & involves application of current models to investigate challenges facing modern organisation & its leaders. Students commencing in sem 1 enrol in RBUS6991 in both semesters. Students commencing in sem 2 enrol in RBUS6993 in both semesters. Students completing in one semester enrol in RBUS6994.	Undergraduate	Semester 1, 2018	Business School	2		
Business Industry Placement	In this course, students consolidate their knowledge and skills by engaging in a short placement in an organisation. Further information can be found on the BEL Faculty website.	Postgraduate Coursework	Semester 1, 2018	Business School	2		

Valuation of Industrial and Commercial Property	Introduction to the valuation of industrial and commercial property. Valuation methods, principles and their application. The roles and responsibilities of a professional valuer. Application of valuation methodology to industrial and commercial real estate. Applied computer modelling for income producing properties.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Valuation for Statutory Purposes	Application of valuation methodology within a framework of legal precedents and statutory law. Land Court decisions and the role of an expert witness. Assessment of compensation for the compulsory purchase of land. The valuation of land for land tax and local government rating purposes.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Valuation of Specialist Properties	Valuation of complex urban properties. An introduction to the valuation of rural property. Application of advanced computer based cash flow modelling and other software to the valuation of multi-tenanted real estate. Valuation of specialised properties with emphasis ongoing concerns, retail property and land with development potential.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Valuation Principles	Valuation methodology & valuation principles & their application. Overview of the role of a valuer & professional responsibilities. Application of valuation methodology to non-complex real estate.	Undergraduate	Semester 2, 2018	Business School	1		
Building Construction Management & Economics	Construction history, construction techniques for domestic and commercial projects, building economics & time management, procurement methods, contract administration and value engineering.	Undergraduate	Semester 1, 2018	Business School	1		
Real Estate Investment	Nature of financial markets. Property as an investment medium. Modern portfolio theories & strategic portfolio management. Analysis of property trusts & other investment vehicles.	Undergraduate	Semester 1, 2018	Business School	1		
Investment Method of Valuation	The investment method of valuation and its application to industrial and commercial property. Valuation methods, principles and their application. Applied computer modelling for income producing properties and the preparation of valuation reports.	Undergraduate	Semester 1, 2018	Business School	1		
Statutory Valuation	Application of valuation methodology within a framework of legal precedents & statutory law. Role of an expert witness with respect to valuation & assessment of compensation for compulsory purchase of land.	Undergraduate	Semester 1, 2018	Business School	1		

Advanced Valuation	Valuation of urban properties such as shopping centres and land with development potential as well as urban property of a specialised nature e.g. motels/hotels, fast food restaurants, airports, self- funded retirement villages. An introduction to the valuation of rural properties. Application of advanced computer based cash flow modelling and other software to the valuation of multi-tenanted real estate and the preparation of related valuation reports.	Undergraduate	Semester 2, 2018	Business School	1		
Real Estate Development Planning	Philosophies of planning & development. Industrial planning, feasibility, development & environmental impacts. Economics of real estate investment & development, including risk and efficiency.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		
Development Appraisal Project	Detailed interdisciplinary investigation of a project in one or more property sectors. Investment, valuation, design, planning, development & legal considerations. Preparation of financial & marketing reports.	Undergraduate	Semester 2, 2018	Business School	1		
International Property Investment	International property market analysis. Property as an investment class. Australian and international investment in direct and indirect property assets. Strategic portfolio management and Modern Portfolio Theory. Real Estate Investment Trusts (REITS) and other securitised property investment vehicles.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Property Development	Philosophies of planning & development. Industrial planning, feasibility, development & environmental impacts. Economics of real estate investment & development, including risk and efficiency.	Postgraduate Coursework	Semester 1, 2018	Earth and Environment Sc Schl	1		

Introduction to Second Language Learning and Teaching	This course equips Masters students with a basic understanding of the processes of second language learning in the classroom. Students explore different methods of language teaching and learning, and analyse their own language learning in terms of these methods. A range of theoretical models of second language acquisition is examined and evaluated in relation to recent empirical findings, enabling students to develop the ability to think critically about findings in second language classroom research. The course also traces the evolution of the field of second language learning, focusing on developments in communicative approaches over the past twenty years, recent developments in teaching methodology and the use of technology in language teaching.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	1		
Structure of Language	Introduction to linguistics for applied linguists. Basic concepts in phonetics, phonology, morphology, and syntax, plus language acquisition, processing, and use, with emphasis on real-world data from a wide variety of world languages. This course may be cancelled if there are fewer than 20 enrolments.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		
Concepts in Applied Linguistics	Introduction to applied linguistic concepts and to basic literature, with special emphasis on applications of linguistic theory to problems of first and second language acquisition and to language in social contexts.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	1		
World Religions	The course offers an introduction to the major faith traditions of the world and other spiritualities and modern expressions of religion.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	2		
Belief & Unbelief	This course provides a survey of arguments for and against religious belief. Issues such as theistic arguments, psychology and belief, the problem of evil, religion and science, and religious pluralism will be covered. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
The History of the Supernatural	This course explores the world of the supernatural and paranormal from both historical and contemporary perspectives.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	2		

The idea of the sacred: texts, places and festivals	All the major religious traditions have texts, places or occasions that have been invested with 'sacrality'. Why should this be so? How did the Bible, the Buddhist canonical material, the Koran or the Veda become the sacred canons of their traditions? Why are Easter, the Kumbh Mela, Thaipusam or Hanukkah so significant for their participants? What compels pilgrims to travel great distances to have religious experiences? What does it mean when we call something 'sacred'? How does something - a text, a place, an event, or even a person - become sacred? This unit will explore these and related questions from the perspective of a variety of religious traditions.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Spirituality in the Everyday	This course explores the way people with various religious and spiritual commitments express their spirituality in their everyday world. Particular emphasis is given to Christian spirituality, along with significant engagement with Buddhist philosophy and practice. Themes such as health & wellness, self-actualisation, vocation, psychological wholeness, prayer & meditation, & personal & social ethics will be developed. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Playing God: Religion & Science	This course examines the interaction between two significant components of modern society: science and religion. It offers a historical perspective on the emergence of the concepts and boundaries between these two ways of understanding the universe in order to explore the enduring complexities of science-religion discourse.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Rituals, Priests & Kings: A History of Hinduism	Ancient and highly diverse, the Hindu tradition defies easy categorisation. Filled with uncountable gods and goddesses yet showing tendencies towards monotheism, manifold practices and beliefs contest and sometimes confound a unified conception of Hinduism. In exploring the roots of and key developments in the Hindu tradition, students will be introduced to its texts, conceptions of the divine, yoga, tantra and contemporary developments.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Buddhism	Origin, doctrinal development & geographical expansion of Buddhism. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		

Religion, Peace and Violence	The course introduces students to violence and fundamentalisms in the world's religions, including Judaism, Christianity, Islam, & Hinduism. The aim is to discover root causes and the variety of expressions of violence in various religions. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
The Bible: Narratives & Interpretations	The course aims to introduce students to the Bible, to the different ways it is read, and to some of the common problems associated with interpreting it. This course may not run if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
The Future of Religion: An Advanced Study of Contemporary Issues	In this course, students will be given the opportunity to explore at an advanced level the various issues that religious traditions and spiritual movements are currently interested in, and to become familiar with the scholarly approaches related to these issues.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Independent Study Unit	This course allows the student to pursue at some length a topic of interest negotiated with an appropriate supervisor.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	2		
Advanced Study of Religious Texts A	Advanced study of selected religious texts.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Advanced Study of Religious Texts B	Advanced study of selected religious texts.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Methodology of Studies in Religion	Practical introduction to methods & procedures applied in researching religion & theoretical examination of major methodological issues currently debated within the discipline.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Individual Honours Study Unit 1	Study program developed for & by individual student, supervised & assessed by member of staff after approval by Postgraduate Coordinator (Studies in Religion). Full-time students enrol in RELN6001; Part-time students enrol in RELN6002.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		
Honours Research Thesis	Supervised work on thesis with class teaching in scholarship & bibliography. Full-time students enrol in RELN6003; Part-time students enrol in RELN6004.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Second Language Acquisition	This course provides an overview of second language development and use in formal and naturalistic settings. Key linguistic, cognitive and social factors that contribute to second learning are examined.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	1		

Research Methods	This course is an introduction to research methodology in language learning and teaching. It covers the skills needed to plan and carry out various types of postgraduate research, ranging from course papers to the dissertation.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	2		
Introductory Russian I	Russian language for beginners. Develops basic language skills & introduces key grammatical concepts & structures.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Introductory Russian II	RSSN1110 continued, with consolidation & further development of basic skills.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Russian Language III	Development of language skills at intermediate level to extend range of linguistic performance.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Russian Language IV	RSSN2110 continued. Consolidation of communication skills.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Contemporary Russian: Use & Usage	Consolidates and extends Russian language skills through the systemic and practical study of advanced grammatical and communicative practices of modern Russian.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Russian VI	Consolidates and extends Russian language skills through the analysis and discussion of contemporary cultural materials.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		

Advanced Theory and Practice in Science	This course provides an in-depth introduction to the broad range of mathematical, analytical, conceptual and computational tools employed by scientists to develop, analyse and interpret a range of models that are useful in modern science. To emphasize the importance and generality of these tools, a number of key contemporary topics in science will be studied, including climate, population dynamics, pharmacokinetics, epidemics, energy, kinematics and life. The course will demonstrate how and why mathematical models underpin modern science, and students will learn how to develop and analyse such models using a variety of mathematical techniques. The course also makes extensive use of computer programming (using the language Python) as a vital tool in modern scientific modelling. Students will be introduced to some fundamental philosophical issues in science and gain an appreciation of some of the assumptions that underlie science and the supposed scientific method. Students will explore the importance of critical thinking, creativity, communication, problem-solving and quantitative scientific skills in great depth.This course is restricted to Bachelor of Advanced Science (Honours) students.	Undergraduate	Semester 1, 2018	Biological Sciences School	2		
Introduction to Science Research	SCIE1200 aims to promote the breadth of scientific endeavour, the integrated nature of scientific disciplines, and the importance of scientific process and critical thinking. Students will work in groups, examining a series of real scientific issues, dealing with medical, environmental and social issues. Students will learn more about the associated scientific research, integrate expert knowledge, and build on their own new university knowledge and experiences. This is a face-to-face course, using a combination of scientific discussion, self-directed learning, student presentations, class activities and a practical component.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	2		

Perspectives in Science	Introduces the breadth of scientific endeavour, the integrated nature of scientific disciplines, and the importance of scientific process and critical thinking. Students will work in groups, examining a series of real scientific issues, dealing with medical, environmental and social issues. Students will learn more about the associated scientific research, integrate expert knowledge, and build on their own new university knowledge and experiences. This is a face-to-face course, using a combination of scientific discussion, self-directed learning, student presentations, class activities and a practical component. Entry is by application and is limited to 40 places.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	1		
CSI UQ: Introduction to Forensic Science	The gathering and analysis of evidence is fundamental to successfully solving crime. Forensic science techniques are used extensively in police, customs and insurance investigations. Each forensic investigation is a puzzle where the first steps involve the identification and quantification of a wide variety of substances. This course examines the role of interdisciplinary scientific inquiry in the criminal investigations and introduces the most commonly used analytical techniques in forensic science, which span a range of traditional scientific disciplines including microbiology, chemistry, physics, biochemistry and genetics, to name but a few. Through case studies and hands-on experience students will learn methods for the analysis of chemical and biological materials (including DNA, blood, paint, dust, gun shot residues and documents) and investigate their use in the examination and interrogation of the evidence of crime.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Introduction to Bioinformatics	If you are interested in biology, computing or mathematics, then this could be an ideal course for you to take. You will find out about technologies and methods for analysing the expression, structure and function of DNA, RNA and proteins, and an understanding of the relationships between species. In the process, you will develop practical skills which will help you develop expertise to solve real problems at the forefront of science.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	1		

Perspectives in Science Research	Students will be immersed in a research group & laboratory situation, in order to gain a perspective on scientific research. Students learn generic skills & knowledge relevant to scientific research, applying them & presenting their findings to peers.	Undergraduate	Semester 1, 2018	Biological Sciences School	2		
STEM Research	Students undertaking this course will have a unique opportunity to develop core research skills relevant to a wide spectrum of STEM topics, including written and oral communication, scientific observation, and recording and analysing data by participating in an individual or group research project associated with a discipline of interest to them.	Undergraduate	Semester 1, 2018	Science Faculty	1		
Science Industry Placement	The Science Industry Placement course enables students to acquire practical skills and experience in an authentic work environment. Through the completion of 120 hours of placement in a science-related workplace, students will gain an understanding of the real world application of their learning. They will also learn about the nature of careers in science, identify possible career pathways, and reflect on their own professional skills and personal development.Course Quota: 40 studentsStudents are responsible for securing their own suitable work placement related to their studies, subject to Faculty of Science approval. Students interested in taking this course should complete the Expression of Interest form on StudentHub by not later than the Thursday before the semester 2 mid-semester break. Eligible students will be invited to a Careers Workshop during mid-semester break to assist with identifying opportunities and preparing application documents. All enquiries for this course should be addressed to the Faculty of Science (enquire@science.uq.edu.au).	Undergraduate	Summer Semester, 1	Agriculture Food Sciences Schl	1		

Research Topic in Geographical Science	Individual or group research project and/or field trip in an area of specialisation offered (on a discretionary basis) by staff members in their field of interest. Departmental consent is required. Prior to obtaining consent, intending students must discuss their project with, and obtain agreement to supervise that project from, an appropriate member of academic staff. A consent form must be completed and submitted.	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		
Biomedical Science Research Skills	This course will present students with the oportunity to develop core research skills in the field of biomedical science. Students will develop vital research skills such as safe laboratory techniques, proper record keeping, different forms of communication in science and ethics in science. They will also carry out a research project under the supervision of a researcher in their research laboratory.	Undergraduate	Semester 1, 2018	Biomedical Sciences School	2		
Biomedical Science Research Project	This course will present students with the opportunity to undertake an undergraduate research project in the field of biomedical science, under the supervision of a researcher. The research project will be carried out over 6 to 8 weeks in the summer semester.	Undergraduate	Semester 2, 2018	Biomedical Sciences School	2		
Advanced Biomedical Science Research Project	This course will present students with the opportunity to undertake a 4 unit undergraduate research project in the field of biomedical science, under the supervision of a reseacher.	Undergraduate	Summer Semester,	Biomedical Sciences School	2		
Advanced Biomedical Science Research Project	This course will present students with the opportunity to undertake a 4 unit undergraduate research project in the field of biomedical science, under the supervision of a researcher.	Undergraduate	Summer Semester,	Biomedical Sciences School	1		
Introduction to Research in Geological Sciences	This course provides students with the opportunity to conduct their own research project. Through this project students will develop important research skills such as safe laboratory and field work practices, proper record keeping, analysis and interpretation of results, and presentation of scientific ideas orally and in writing. Students wishing to do this course must discuss their project with the relevant academic staff member and gain approval before requesting enrolment through the school (by permission only).	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	2		

Research Project II in Geological Sciences	This course provides students with the opportunity to conduct their own research project. Through this project students will develop important research skills such as safe laboratory and field work practices, proper record keeping, analysis and interpretation of results, and presentation of scientific ideas orally and in writing. Students wishing to do this course must discuss their project with the relevant academic staff member and gain approval before requesting enrolment through the school (by permission only).	Undergraduate	Semester 1, 2018	Earth and Environment Sc Schl	1		
Introduction to Research in Biology	Students undertaking this course will have a unique opportunity to develop core research skills relevant to a wide spectrum of biological research, including written and oral communication, skills in making scientific observations, and recording and analysing data by participating in an individual or group research project associated with a discipline of interest to them.	Undergraduate	Semester 1, 2018	Biological Sciences School	2		
Special Project in Biology	Students undertaking this course will investigate a project in a research environment under supervision of an experienced scientist. This will give them a unique opportunity to develop core research skills relevant to a wide spectrum of biological research, including written and oral communication, skills in making scientific observations, and recording and analysing data.	Undergraduate	Semester 1, 2018	Biological Sciences School	3		
Introduction to Research in Mathematics/Physics	This course is an introduction to research in Mathematics and/or Physics. It provides generic skills and knowledge relevant to further progress in their studies. It allows students the opportunity to apply those skills to a research project in their discipline of interest.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	2		
Introduction to Research in Mathematics/Physics	This course is an introduction to research in Mathematics and/or Physics. It provides generic skills and knowledge relevant to the discipline and will allow students the opportunity to apply those skills to a research project in their discipline of interest.	Undergraduate	Summer Semester, 1	Mathematics & Physics School	1		

Mathematics & Physics Industry Project	Students will take part in an industry internship under the supervision of industrial partners of the School of Mathematics and Physics. During the internship students, supervised by STEM professionals in the respective industry will experience work placed based learning. Students will also be required to reflect on the problems, methods and solutions experienced in their industry placement with respect to theory and methodology learned in other statistics, data science, mathematics and physics courses.	Undergraduate	Summer Semester, 2	Mathematics & Physics School	1		
Introduction to Research in Chemistry, Biochemistry & Microbiology (A)	Students undertaking this course will have a unique opportunity to develop core research skills relevant to a wide spectrum of chemical or biological research, including written and oral communication, skills in making scientific observations, and recording and analysing data by participating in an individual or group research project associated with a discipline of interest to them.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	3		
Introduction to Research in Chemistry, Biochemistry & Microbiology (B)	Students undertaking this course will have a unique opportunity to develop core research skills relevant to a wide spectrum of chemical or biological research, including written and oral communication, skills in making scientific observations, and recording and analysing data by participating in an individual or group research project associated with a discipline of interest to them.	Undergraduate	Semester 1, 2018	Chemistry & Molec Biosciences	3		
Introduction to Research in Agriculture and Food Science (A)	Students should have adequate background in the area of their topic as assessed by the project supervisor and course co-ordinator. Students are recommended to have completed #4 of level 3 courses.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	2		
Introduction to Research in Agriculture and Food Science (B)	Students should have adequate background in the area of their topic as assessed by the project supervisor and course co-ordinator. Students are recommended to have completed #4 of level 3 courses.	Undergraduate	Summer Semester, 2	Agriculture Food Sciences Schl	1		

Introduction to Second Language Learning & Teaching	The objectives of this course are to: 1. gain basic understanding of the processes of second language learning in classroom; 2. understand wide issues surrounding classroom second language learning; 3. relate understanding of the process of second language learning to their own language learning; 4. develop the ability to think critically about findings in the second language classroom research. NB. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Introduction to Language and Technology	This course is designed to introduce students to the use of technology in language teaching and learning. This will include both theoretical and practical aspects, based on the rich CALL literature and on current pedagogical approaches to language learning. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Classroom Second Language Acquisition: Theory, Research & Practice	To understand the processes of second language learning in classroom; understand wide issues surrounding classroom second language learning & research; develop the ability to think critically about finding in the second language classroom research; understand the relationship between SLA research & second language instruction; design a classroom-based research.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		
Teaching Languages in a Global Context	Current approaches to TESOL & second language teaching in context of current understanding of second language acquisition.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	1		
Second Language Writing	This course is an introduction to reading and writing in a second language. Linguistic and cognitive foundations of second language literacy are examined, with attention given to second language literacy skills in alphabet and non-alphabet-based languages, and in traditional and electronic print media.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	1		

Second Language Reading	This course is an introduction to the development of second language reading skills with a particular focus on the role of vocabulary in skilled reading. Basic reading processes will be presented and compared across alphabet and character-based languages. Implications for teaching reading will be discussed for traditional and computer-mediated learning contexts. This course may be cancelled if there are fewer than 20 enrolments.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	1		
Language Testing & Assessment	Introduces principles of language testing & assessment. Goals & rationale for different types of testing are surveyed & experience provided in developing & critiquing classroom test materials.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		
Portfolio & Synthesis	The course consists of a folio of the student's assessed work during their program, plus a 3,500-4,000 word Synthesis Essay which brings together key theoretical and empirical aspects of the program in critical perspective. The course is undertaken in the final semester of the coursework MA. This course may be cancelled if there are fewer than 20 enrolments.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	2		
Dissertation	A #6 course for students who intend to undertake a postgraduate research degree.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	2		
Qualitative Research Methods in Applied Linguistics	A critical coverage of the principles and applications of qualitative research methods for language investigations, including: action research, case studies, ethnographic methods and grounded theory; surveys, observation, fieldwork, focus groups and experimental approaches; text and discourse markup, analysis and interpretation, all with special reference to language learning and use. This course may be cancelled if there are fewer than 20 enrolments.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	1		
Quantitative Research Methods in Applied Linguistics	This course introduces basic statistical techniques used in quantitative research in applied linguistics and linguistics. The rationale and assumptions for various techniques will be presented and practice given in applying them to data using SPSS.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		

Language and Technology	This course introduces the role and function of digital technologies in language learning both in-class and out-of-class. It includes such technologies and topics as technology-mediated communication, materials design, online dictionaries, mobile technologies, podcasting, games and web-based applications all used in a variety of ways for the purposes of learning a second language. Relevant theories, principles and models for design and evaluation are discussed.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		
Independent Reading Course A	Advanced level study of a special subject, allowing students to pursue a course of readings & tutorial discussion related to their applied linguistic profession.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	2		
Language and Intercultural communication	Aspects of language & language-related phenomena across cultures; communication & mis-communication, politeness, verbal and non verbal communication. NOTE: Course may be cancelled if fewer than 20 students enrol.	Postgraduate Coursework	Semester 2, 2018	Languages & Cultures School	1		
Introduction to Development: Theories and Practice	Implementing development theories with project planning and appraisal using a range of methods.	Postgraduate Coursework	Semester 1, 2018	Social Science School	1		
Social Impact Assessment: applied social research and development	Integration and application of various methods in context of social impact assessment (SIA) for social planning and policy formulation. Emphasis on practical experience in implementation and practices of SIA methods. Postgraduate students will be required to attend advanced undergraduate classes during the semester but will have appropriate postgraduate level assessment and discussion in a separate third hour of teaching.	Postgraduate Coursework	Semester 2, 2018	Social Science School	1		

Advanced Issues in Qualitative Inquiry	Overview of qualitative approaches to sociological inquiry and corresponding methodological procedures. The course covers research design and practice, including use of the NVivo data analysis package. It introduces the methods, methodology and epistemology of various analytical approaches including content and thematic analysis, grounded theory, PAR, symbolic interactionism, phenomenology, discourse, narrative and conversation analysis. The course also explores some of the contemporary theoretical approaches and debates including interpretivism, social constructionism, positivism, postmodernism, posthumanism, feminism and post-colonial approaches.	Postgraduate Coursework	Semester 1, 2018	Social Science School	1		
Introducing Quantitative Research	Quantitative research methods are the most commonly used research methods in the social sciences. They are widely used by academic researchers, government agencies, private companies, and community organizations. This course provides an introduction to quantitative methods in the social sciences. It emphasises how social scientists use simple quantitative techniques to investigate research questions coming from social science theory, prior research and applied problems. The course focuses on the link between theory and research in social science, the logic of quantitative empirical analysis, and techniques for describing quantitative data and drawing inferences (generalizations) about larger populations. The course also introduces Stata statistical software for simple quantitative analysis.	Postgraduate Coursework	Semester 2, 2018	Social Science School	1		
Community Development Method & Analysis	Comprehensive introduction to community development method and the use of analysis in community development practice. Examination of a range of assessment: paradigms and approaches, skills, techniques and structures of community development. Students completing the Graduate Certificate in Community Development, or the Community Development field of study in the Development Practice suite, are encouraged to complete this course close to the beginning of their study.	Postgraduate Coursework	Semester 2, 2018	Social Science School	1		

Introduction to Health, Illness and Society	Concepts in sociology with applied emphasis related to field of health & disease. Socialisation norms and roles (in health and disease), class, gender, interpretation of health statistics, health over the early life course, social factors impacting on chronic and acute disease.	Undergraduate	Semester 2, 2018	Social Science School	1		
Introduction to Sociology	Drawing upon sociological theories and concepts, this introductory course provides an overview of the processes of change affecting social life in Australia and abroad. Central to many of these trends is globalisation and we examine its impacts upon a range of issues at both the global and local levels. Topics include: class and inequality, race and ethnicity, gender and sexuality, health and illness, along with media, urban sociology and sociology of the environment.	Undergraduate	Semester 1, 2018	Social Science School	2		
Gender, Sexuality and Society: An Introduction	This course will introduce students to key concepts and perspectives in sociology through a focus on sexuality and gender. The course covers a wide range of topics such as classical and contemporary theories of gender and sexuality, how gender and sexuality are constructed through sport, and body work (such as tattoo and bodybuilding), how issues such as fat and work/family are gendered, and how gender intersects with other social statuses (including a case study of Aboriginal Australia). Ultimately, the course grapples with the issues surrounding the social construction of gender and sexuality over time and across cultures and place.	Undergraduate	Semester 2, 2018	Social Science School	1		

Introduction to social research	This course provides students with an introduction to social research. It emphasises the common standards for both qualitative and quantitative research approaches, and their varied roles in social research. Students will cover some introductory or foundational issues (e.g. epistemology, the purposes of research, research ethics and politics), and be introduced to research design and the logic of research. Other topics to be covered include conceptualisation and measurement, causal inference, experimental methods, observational and quasi-experimental methods, sampling, different approaches to data collection (interviews, surveys, ethnography). A key objective of the course is to equip students to become more critical and discerning consumers of social research, to be able to evaluate projects in terms of research design, and to choose appropriate methods of data collection and analysis for the purposes of conducting their own research projects.	Undergraduate	Semester 1, 2018	Social Science School	1		
Families, Households and the Life Course	This course aims to introduce students to the sociological study of families. The structure and meaning of family life is changing throughout the world. A key focus of the course will be on identifying some of these changes and exploring their consequences for individuals and society at large. To that end, the course will introduce students to a number of contemporary social issues including cohabitation, same-sex marriage, fertility decline, unwanted childbearing, transnational family relationships, the links between paid work and family work, and family violence. Students will develop an understanding of the life-course perspective and other key theoretical perspectives relating to the scientific study of families.	Undergraduate	Semester 1, 2018	Social Science School	1		
Sex, Drugs and Disease: Health of the Marginalised	Examines changing patterns of illness, human sexuality and psychosocial aspects of treatment and care; trends in developed and developing countries; special needs and concerns of high risk groups.	Undergraduate	Semester 1, 2018	Social Science School	1		
Sociology of Sport	Examines sport from a sociological perspective, with a focus on gender, sexuality, race, violence, commodification, deviance, nationalism, globalisation and the mass media.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Introducing Quantitative Research	Quantitative research methods are the most commonly used research methods in the social sciences. They are widely used by academic researchers, government agencies, private companies, and community organizations. This course provides an introduction to quantitative methods in the social sciences. It emphasises how social scientists use simple quantitative techniques to investigate research questions coming from social science theory, prior research and applied problems. The course focuses on the link between theory and research in social science, the logic of quantitative empirical analysis, and techniques for describing quantitative data and drawing inferences (generalizations) about larger populations. The course also introduces Stata statistical software for simple quantitative analysis.	Undergraduate	Semester 2, 2018	Social Science School	1		
Sociology of the City	This course draws on classic and contemporary sociological theories to examine the dimensions of urban change, both in Australia and globally. Topics include the social origins of the modern city, megacities, the postmodern city, suburbanisation, gentrification and the emergence of private or gated communities.	Undergraduate	Semester 2, 2018	Social Science School	1		
Thinking sociologically: contemporary and classical approaches to social life and social thought	Sociology involves the study of society in both its empirical and conceptual manifestations. In sociology there are a range of `big' ideas, key concepts and modes of knowledge that enable us to think about society. They range from ideas about the central dynamic of social relations (including social conflict, order and disorder), notions of social difference and hierarchy, the role of individuals and the self, and the position of non-humans. This course will explore, play with and critically examine some of these big ideas and how they help us to be engaged with social analysis and critique of our everyday social world and social institutions.	Undergraduate	Semester 1, 2018	Social Science School	1		

Medicine, Markets and Health: Sociological Perspectives on Health and Illness	This course draws on a range of social science perspectives to provide an understanding of the experience of health and illness in contemporary society. The course will demonstrate the ways that the financing of health care systems, the operation of markets, and social and political values and policies are highly consequential for how individuals and societies experience health and illness. We will examine various aspects of the social context of the politics, policy and funding of health care at the global level. In addition, we will examine various aspects of the social meaning of health and illness to further heighten our insights into medicine, markets and health today.	Undergraduate	Semester 2, 2018	Social Science School	1		
Applied Quantitative Research	Skills in quantitative data analysis are highly sought after by employers and are widely used by researchers in academia, government agencies, private companies and community organizations. This course teaches some of the most important quantitative data analysis techniques to equip students to undertake their own research and to assess the research of others. The course is ideal for those who are planning to undertake a quantitative honours thesis or work in an area that requires evaluating or undertaking quantitative research. Topics covered include revision of descriptive and inferential statistics; bivariate linear regression; multiple linear regression; scaling and index construction, logistic regression; use of Stata statistical software for data analysis.	Undergraduate	Semester 2, 2018	Social Science School	1		

Independent Study in Sociology	Independent study allows third-year students who have excelled in their studies to undertake a semester-long piece of research and writing under the supervision of a member of the sociology staff. The course is reserved for those who have enrolled in the extended major in sociology and/or who meet the listed prerequisites. Students should contact a member of the sociology staff at least four weeks before the start of semester, providing a one-page outline of their proposed research and writing. The topic must be approved by the supervisor. Once the topic is approved, the student should contact the Head of Sociology and indicate their intention of enrolling in SOCY3050. Before granting permission to enrol, the Head of Sociology will consider the value and scope of the project, along with the workload implications for the supervisor. Independent study is not normally approved if other electives are available to the student.	Undergraduate	Semester 1, 2018	Social Science School	2		
Current Issues & Debates in Sociology	This course will provide an in-depth examination of a number of important theoretical and methodological issues and debates of concern to contemporary sociologists.	Undergraduate	Semester 2, 2018	Social Science School	1		
Qualitative Social Research	Overview of qualitative approaches to sociological inquiry and corresponding methodological procedures. The course covers research design and practice, including use of the NVivo data analysis package. It introduces the methods, methodology and epistemology of various analytical approaches including content and thematic analysis, grounded theory, PAR, symbolic interactionism, phenomenology, discourse, narrative and conversation analysis. The course also explores some of the contemporary theoretical approaches and debates including interpretivism, social constructionism, positivism, postmodernism, posthumanism, feminism and post-colonial approaches.	Undergraduate	Semester 1, 2018	Social Science School	1		
Honours Research Thesis	Independent research and thesis preparation under the guidance of a supervisor.	Undergraduate	Semester 1, 2018	Social Science School	2		

Development Practice Thesis	Students work by themselves, under the individual supervision of a member of the academic staff of one of the following schools: School of Social Science; School of Political Science and International Studies; or School of Earth and Environmental Sciences. This allows students of exceptional ability to engage in a substantial research project. Students need to be self-motivated and self-disciplined and will determine and develop their own project in consultation with their supervisor. At the outset of their research, it is vital for students to swiftly identify and focus upon a clear research question. The semester then involves independent reading and research, regular contact between student and supervisor, and the preparation of a 10,000 to 12,000-word report. This course can only be undertaken if the planned project is of immediate interest to a supervisor in one of the three Schools. Prospective students must themselves identify and approach a potential supervisor and discuss their proposed research question; supervisors are not assigned by the Program Director, however they can assist in facilitating potential supervisors, if necessary. This is a restricted entry course and requires prior approval from the Program Director. Students interested in this course should in the first instance download and read through the Expression of Interest form available on the School of Social Science website. Starting from Semester 2, 2017 the minimum GPA for enrolment has been increased to 5.5.</P> Full time students wishing to complete the thesis in one semester should enrol in SOSC7100. Part time students wishing to complete the thesis over two semesters should enrol in SOSC7101.	Postgraduate Coursework	Semester 1, 2018	Social Science School	2		

Development Practice Thesis Part A	Students work by themselves, under the individual supervision of a member of the academic staff of one of the following schools: School of Social Science; School of Political Science and International Studies; or School of Earth and Environmental Sciences. The research report allows students of exceptional ability to engage in a substantial research project. Students need to be self-motivated and self-disciplined and will determine and develop their own project in consultation with their supervisor. At the outset of their research, it is vital for students to swiftly identify and focus upon a clear research question. The semester then involves independent reading and research, regular contact between student and supervisor, and the preparation of a 10,000 to 12,000-word report. This course can only be undertaken if the planned project is of immediate interest to a supervisor in one of the three schools. Prospective students must themselves identify and approach a potential supervisor and discuss their proposed research question; supervisors are not assigned by the Program Director, however, the Program Director will assist in facilitating potential supervisors, if necessary. This is a restricted entry course and requires prior approval from the Program Director. Students interested in this course should in the first instance download and read through the Expression of Interest form available on the School of Social Science website. Starting from Semester 2, 2017 the minimum GPA for enrolment has been increased to 5.5.</P> Full time students wishing to complete the thesis in one semester should enrol in SOSC7100. Part time students wishing to complete the thesis over two semesters should enrol in SOSC7101.	Postgraduate Coursework	Semester 1, 2018	Social Science School	2		
Learning and Mobilising for Community Development	This course is an introduction to training and education in community development practice. Several approaches to training in community based settings will be examined and students will develop a training framework for their own practice.	Postgraduate Coursework	Semester 2, 2018	Social Science School	1		

Community Planning, Engagement and Governance	In our efforts to engage in change in our communities we are located in a range of social spaces: sometimes we are leaders, planning for change, seeking to bring others along with us and to enthuse them with the same vision. Other times we are among those deeply affected by changes not of our making and certainly not in our interest. We need to join with others to ensure our voices are heard. This course explores issues of planning, engagement and governance from a political community development perspective. Unlike other planning approaches (for example, town or social planning), here the emphasis is on what it means to plan for change from the bottom up, what mechanisms assist engagement at a very local level, and why community governance matters. In doing so it explores the dynamics of power operating in social change agendas and provides people with tools for engaging with these to best effect social change. Course will only be offered if enrolments exceed 15 students.	Postgraduate Coursework	Semester 1, 2018	Social Science School	1		

Society, Challenges and Solutions: Introduction to the Social Sciences	Society, Challenges and Solutions is a multidisciplinary social science course with an applied approach to the study of human society. This course examines diverse aspects of social life from multiple perspectives, incorporating analytical and methodological strengths in a wide range of social science disciplines, including sociology, anthropology, political science, public policy, psychology and human geography. Through real cases of contemporary issues and social problems, students will explore a wide range of topics that shape both Australia and the world today - the changing nature of work and education, the environment and health, community and development. Using a blend of text, video, and online materials, students will learn the skills for independent study and collaborative investigation. Upon the successful completion of this course, students will gain critical knowledge on Australian and global social issues, relevant policies, and possible solutions. Through engaged peer learning, students will learn to think about and reflect on social issues based on evidence, develop proposals for action, and practice effective oral and written communication.	Undergraduate	Semester 1, 2018	Social Science School	1		
Social Being: Power, Structures & Agency	This course provides foundation knowledge for social work and social science students. This course is designed to introduce core concepts in social science and ways of knowing about social beings. These three concepts are power, social structure and agency. The course will introduce you to different ways these three concepts are understood using sociological theories, including conflict theory, social action theories and symbolic interactionism. You will reflect on the way power, social structure and agency are experienced in everyday life. Case studies are used to illustrate the practical application of theory.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Human Bodies, Culture & Society	Examines human bodies from an interdisciplinary perspective via case studies of obesity, eating disorders, body building, ageing, race, ethnicity, decoration and modification.Prior to 2014, this course was offered as SOCY2190.	Undergraduate	Semester 1, 2018	Social Science School	1		

Community Development: Local and International Practices	This course introduces students to the basic approaches, methodologies and techniques of community development within a broader framework of approaches to international development. Students will be introduced to project planning and community participation processes. Students will develop basic skills in community development practice, and will engage in a critical exploration of case studies focused on contemporary challenges both in the domestic and international context.	Undergraduate	Semester 1, 2018	Social Science School	1		
Research, Planning and Design	Only available to BSocSc students. Recommended to be completed in final year of program. Harnesses basic skills and knowledge gained in second year core courses and extends them to an intermediate level of applied research methods and their application in a variety of contexts. Develops skills in proposal writing, project planning and reporting to various audiences.	Undergraduate	Semester 1, 2018	Social Science School	1		
Project	SOSC3201 and SOSC3211 should be completed in consecutive semesters. Recommended to be completed in final year of program. Integrates and applies skills and knowledge developed in core courses, and majors, through applied research projects requiring students to identify research problems related to their major, and to plan, implement and evaluate a research project to address the problem.	Undergraduate	Semester 2, 2018	Social Science School	1		
Social Science Honours Research Seminar 1	This course is designed for students enrolled in both Arts and Social Science Honours degrees. It provides students with an opportunity to further their understanding of social science traditions, theories and current social science issues. This is not a methods course, it is designed to allow students to think strategically about their research projects and has the flexibility to allow students to benefit from making choices suited to their own research interests and thesis topics.	Undergraduate	Semester 1, 2018	Social Science School	1		

Social Science Honours Research Seminar 2	This course provides an advanced level of professional development for social science honours students with a focus writing for publication, grants, conferences and job applications. The ability to present research findings and the ability to defend the research findings, is an essential part of advanced social science training.	Undergraduate	Semester 2, 2018	Social Science School	1		
Social Science Thesis	Independent social science research under the guidance of a supervisor on a year long project; submission of a dissertation reporting the findings.	Undergraduate	Semester 1, 2018	Social Science School	2		
Social Science Thesis	Independent social science research under the guidance of a supervisor on a year long project; submission of a dissertation reporting the findings. Students enrol in SOSC6100 (full-time, commencing in sem 1) or SOSC6101 (full-time, commencing in sem 2).	Undergraduate	Semester 1, 2018	Social Science School	1		
Community Cultural Development	This course is predicated on the principal of diversity and the importance of supporting and promoting local community cultures as a critical aspect of belonging and identity. It begins, as a starting point, with the challenge of working developmentally in cultural spaces that are increasingly globalized and commoditised. Community cultural development thus is positioned as an act of resistance against essentialism and universalism. From this position four components of cultural development are explored: valuing and enlivening local culture, valuing and enlivening indigenous culture, cultural diversity, and participatory culture.	Postgraduate Coursework	Semester 2, 2018	Social Science School	1		
Community Development: Local and International Practices	This course introduces students to the basic approaches, methodologies and techniques of community development within a broader framework of approaches to international development. Students will be introduced to project planning and community participation processes. Students will develop basic skills in community development practice, and will engage in a critical exploration of case studies focused on contemporary challenges both in the domestic and international context.	Postgraduate Coursework	Semester 1, 2018	Social Science School	1		
Contemporary Issues in Coaching	Critical understanding and evaluation of the professionalisation of coaching. Evaluates contemporary issues in sport and their impact on coaching.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Movement and Performance Analysis	Critical examination of the stages of motor learning and expert performance in elite sport. A particular focus on learning, stages of learning and facilitation of the learning process. A strategic approach to the qualitative analysis of human movement in specific sports.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Applied Sport Psychology for Coaches	Primarily concerned with how psychological factors influence performance in elite sport. This course will focus on theories, principles, and applications of sport psychology that can be utilised by coaches to enhance athletes, experiences and performance. Coaches will gain an understanding of psycho-social factors (e.g., personality, motivation, emotions, leadership) that can be applied to how they understand their athlete(s); as well as providing opportunity for self-reflection and enhanced understanding of themselves as coaches and their coaching practice.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Quality Coaching: Understanding, Informing and Advancing Practice	This course aims to broaden your knowledge and understanding of your coaching and the coaching environment more generally. Historical and contemporary accounts of coaches and coaching practice will be considered with particular attention given to what comprises coaches' work, coaches' impact on athletic outcomes, coaches as performers and coaches as learners.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Thesis	Students are supported in the conception, design and conduct of an empirical research project (e.g. empirical case study, Action Research project, critical evaluation of a sport). The Thesis course is conducted over two semesters with the format of final submissions to be negotiated (e.g. publishable journal paper, formal report). Topics must relate to H&PE or coaching.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	2		
Introductory Spanish A	Introduction to basic skills of communication in the Spanish language. Open only to students with no previous experience of Spanish. Maximum class number of students is 30.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Introductory Spanish B	Consolidation of basic skills of communication in Spanish language.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Continuing Spanish A	Continuation of skill-building in oral & written Spanish.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Continuing Spanish B	Continuation of skill-building in oral & written Spanish.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		

Reading & Writing in Spanish	Aims to develop reading comprehension and writing strategies to improve language proficiency. Designed for non-native speakers completing their third semester of Spanish or equivalent.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Advanced Spanish A	For students whose first language is not Spanish, covers special areas of difficulty in Spanish language, many of which result from geographical or cultural variations & are problematic even for native speakers. Encourages students to understand linguistics.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Advanced Spanish B	Practical & theoretical course on use of Spanish language including specific work on grammar & stylistics, covering the four basic skills (listening, reading, speaking & writing).	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Text analysis and translation	This course is an introduction to Spanish - English translation. It is modelled on a communicative approach that encourages critical analysis of the texts and the decision making processes by which the translated text is formulated. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		
Generos de composicion	This course focuses on the development of advanced writing skills in Spanish (pre-writing, writing and revision techniques) through engagement with four composition genres: narration, description, exposition and argumentation. The emphasis of the course is on writing as a process and as a form of critical inquiry and it is based on the exploration of personal narratives, academic writing and various types of media sources as well as film and literature criticism from the Spanish-speaking world. NOTE: Course offering may be cancelled unless a minimum of 20 students enrol.	Undergraduate	Semester 1, 2018	Languages & Cultures School	1		
Literatura en Espanol	This course will provide students with an overview of the development of Hispanic literatures (Spain and Spanish America) from its origins to 20th Century. It will expose students to in-depth reading of representative texts from different periods and give evidence of the correlation between literary discourse and history of ideas. This course may be cancelled if there are fewer than 20 enrolments.	Undergraduate	Semester 2, 2018	Languages & Cultures School	1		

Dissertation	Project involving introduction to sustained research & production of honurs thesis, in Spanish, requiring establishment of reading list, writing of annotated bibliography of basic literature, definition of parameters of topic & research methodology. Students commencing in sem 1 enrol in SPAN6910; students commencing in sem 2 enrol in SPAN6911.	Undergraduate	Semester 1, 2018	Languages & Cultures School	2		
Sport Coaching: Learning, Talent and Performance	This course provides students with foundational concepts and constructs in learning and development in organised sport settings. There is an emphasis on the central role of the coach in fostering learning and development. The course comprises two interrelated elements (a) psychological constructs and (b) understanding learning. Specifically, the psychology strand will use a 4C framework (Competence, Confidence, Connection, and Character) of Positive Youth Development (PYD) to know the athlete (learner) and the implications for coaching practice. This understanding of children and young people will contribute to an understanding of psycho-social development. The learning strand introduces students to understanding different views of learning and their application in a physical activity. There is consideration of all learners including the notions of inclusion and exclusion, sporting pathways, and diverse communities.	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Developing the Elite Athlete	This course examines physical preparation strategies for elite athletes. Methods of assessing the demands of a sport & specific strengths and weaknesses of athletes will be discussed. Students will then be able to develop strength & conditioning programs that are specifically tailored to the requirements of individual athletes.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Sports Leadership in Diverse Communities	SPCG4000 is a case study-based course that explores leadership and development in diverse communities through sport. It will focus on individual and community capacity building, sport as an intervention and leadership in different cultures. As part of this course students may be required to obtain a Blue Card or additional documentation to ensure compliance with selected practical engagement sites. These requirements will be assessed on an individual basis. This core course will challenge students to consider the backgrounds, capacities and needs of 'others' in their daily work as human movement studies professionals working in sport, exercise and physical education contexts.	Undergraduate	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Developing the Elite Athlete	This course examines the range of preparation strategies that coaches must consider in order to implement a fully operational and successful training plan. Both situational and contextual analysis is integral to best planning practices. Coaches will be able to tailor specific programs to individual athletes needs.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
High Performance Program Management for Coaches	A key skill for today's high performance coaches is the management of a high performance sport program which has far broader responsibilities than the traditional role of the coach. This role requires the coach to clearly understand the business environment within which they operate and use contemporary management skills to improve the performance of athletes through effective and efficient program management. This course develops the students knowledge and understanding of key concepts relating to high performance program management including: Strategic & Operational Planning, Resource Management , Financial Management, Marketing, Risk Management and Human Resource Management. The problem based approach allows students to apply knowledge gained in this course to their own coaching practice,	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		

Performance Psychology for Coaches	Coaches, athletes, and sport administrators now recognise that physical talent alone does not guarantee success. It is the "mental game" that often differentiates performers, especially at the elite level. The role of a high performance coach has evolved beyond instruction in technical, tactical, and physical skills to that which now includes the application of psychological principles to enhancing performance. In this course, students are introduced to the field of performance psychology and will become knowledgeable in training, practice, and research skills that will enable them to get the best out of themselves and others. There is emphasis on both theoretical understanding and personal practice in developing the student's knowledge and application of areas including: learning styles; basic neuroscience; emotion & emotional intelligence; leadership; performance culture; passion; mindset; solution-focused coaching; mindfulness; and acceptance-commitment therapy. With the primary focus of this course being applied in nature, a core outcome of this unit is the development of an individualised program that can be readily implemented into the student's current or future practice. Each weekly seminar has a lecture component and an experiential learning component, which requires students to evaluate each week's topic in relation to their own personal life experiences and to participate in group discussion and coaching practice.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Quality Coaching: Action Research Project	The aim of this course is to broaden your knowledge and understanding of your coaching and the coaching environment more generally. Students will develop, implement and evaluate a research intervention program to enhance personal coaching quality.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Advanced Training Programs	This course aims to develop your training plan skills and in particular your management skills in relation to handling issues associated with concurrent training, prioritising modes of training in order to enhance performance, monitoring the impact of training and competition on athlete/s and providing appropriate feedback in order to maintain a continuous level of improvement. The continual demands of modern sport, particularly in relation to competition scheduling, means that training programs and loads need to be constantly adjusted to ensure athletes are able to adapt to and maintain or improve performance. The main objective of this course is to assist you in developing a training program management instrument which is dynamic and able to respond effectively to the dynamics of training elite athletes.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Case Studies in Sports Coaching	The aim of this course is to examine coaching practice from a multidimensional perspective to promote inquiring, critical and innovative approaches to professional practice. Students will examine specific case studies from multidisciplinary perspectives, including psychological, sociological and pedagogical disciplinary knowledge to inform the design and implementation of a comprehensive plan of action. Students will be required to integrate theory and research to inform and justify design and subsequent practice.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Directed Study	A critical review of the literature to inform future research.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	2		
Introduction to Speech Pathology Practice for Graduates	Introduction to speech pathology practice. Students will gain an understanding of communication & its components through various theoretical, experiential & practical activities.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Voice, Hearing & Fluency Disorders	Voice & hearing & fluency disorders and facilitation of the development of professional competency in the assessment, diagnosis & clinical management of these disorders.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Intensive Clinic Block	Six weeks full-time clinical placement to develop competency in practical components of speech pathology such as professional development, effective communication skills, assessment, planning and implementation of intervention.	Postgraduate Coursework	Summer Semester, 2	Health & Rehab Sci School	1		

Adult Language Disorders	Interdisciplinary treatment of topics in the perception, comprehension & production of language as a foundation against which to understand the effects of brain damage upon language processing & how these issues speak to key assessment & treatment principles.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Professional Issues	Real-life "critical incidents" of speech pathologists are used as a tool for learning about some of the complex issues that confront speech pathologists as they enter the profession. In weeks 1-6 students will complete tasks to obtain required clinical information for submission of an ethics-decision making report. In weeks 7-13 students will attend face to face teaching which includes 4 hours of lectures and 2 hours of tutorials per week.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Introduction to Communication and Swallowing Disorders	This course provides an introduction to disorders in speech, language, fluency, voice, and swallowing. Assessment and intervention for both children and adults with communication disorders is introduced. An introduction to multi-modal communication is provided. Impacts of communication disorders are also discussed.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Introduction to Speech Pathology Practice	This course provides students with an introduction to the speech pathology profession. Students will begin their clinical practice journey, developing observation and reporting skills through visits to childcare centres and speech pathology clinics. Students will also gain foundation knowledge in audiology and the role of the speech pathologist in hearing services. Through a series of practical sessions, students will learn how to access and use evidence-based information to inform their clinical practice.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Communication Across the Lifespan	Introduction to changes in communication skills across the lifespan & to aspects of professional practice. Focus on experiential opportunities. Theoretical aspects of clinical practice & professional preparation will be addressed.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Assessment and Management of Voice Disorders	The course will focus on the voice and its disorders, enabling students to develop professional competencies in the diagnosis and management of voice disorders.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		

Disorders of Early Language Development	This course will develop professional and clinical competencies in the diagnosis and treatment of developmental language delays and disorders in children aged 0 to 5 years. By completion of the course students will gain: knowledge of typical language development; skills in differential diagnosis between typical language development and language delay/disorders; be able to identify a range of assessment procedures; and have knowledge of appropriate interventions for young children with language delays/disorders	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Phonological Disorders & Clinical Practice	This course develops foundation knowledge of the assessment, differential diagnosis and management of childhood speech disorders, and phonetics for speech pathology. It aids in the development of practical skills in transcribing and analysing speech, diagnosing speech disorders, and implementing appropriate therapeutic programs. These skills will be applied in the clinical practicum component.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Clinical Practice	Supervised clinical learning & practice with a focus on the integration of knowledge & skills in the description & analysis of communication disorders, & the role of the student as a clinical practitioner.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Paediatric & Adult Motor Speech Disorders	This course is designed to provide students with a theoretical knowledge of the motor speech disorders that occur in children and adults. In addition, the course will develop professional competencies in the assessment, differential diagnosis, and clinical management of these conditions.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Acquired Adult Neurogenic Language Disorders: Differential Diagnosis & Clinical Management	This course will focus on assessment, differential diagnosis & clinical management of adults with acquired neurogenic language disorders including aphasia, the communication disorders associated with dementia, traumatic brain injury, & right hemisphere syndrome. Students will gain an understanding of the therapeutic process & knowledge of a range of therapy approaches for adults with acquired disorders of communication. Study of acquired communication disability will be framed in relation to the WHO's International Classification of Functioning, Disability and Health (ICF).	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		

The School-Aged Child	Focus on issues relevant to speech pathologists working with school aged children including material relating to literacy, language skills, auditory processing & classroom management.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Language: Representation, Processing & Disorders	Interdisciplinary treatment of topics in the perception, comprehension & production of language as a foundation against which to understand the effects of brain damage upon language processing.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Fluency Disorders & Clinical Practice	Theoretical knowledge in the area of fluency disorders in adults & children. Development of professional competencies in the assessment & treatment of adults & children with fluency disorders. Clinical experience in the assessment & management of speech, language and/or fluency disorders in either adult or paediatric populations.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Children with Special Needs in Communication	Issues relevant to the assessment & management of children with special needs in communication, including autism spectrum disorder, hearing impairment, intellectual disability, cultural and linguistic diversity, cleft palate & cerebral palsy.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Clinical Education IIIB	Clinical practice. Students are placed in a clinic full-time for six weeks with a clinical educator to develop competency in practical components of speech pathology including development of effective communication skills, report writing, case management & professional development.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Adult & Paediatric Dysphagia & Laryngectomy	Development of competencies in the assessment, diagnosis, treatment & management of paediatric, adult & complex dysphagic cases as well as an understanding of the assessment & management of swallowing & communication disorders following head & neck surgery.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Clinical Education IV	Advanced clinical practice in speech pathology. Includes 6-week block placement in selected community clinics.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Planning, Providing & Managing Services	This course focuses on planning, providing and managing speech pathology services. Students gain the necessary attributes to develop a quality service through direct teaching and mock planning situations.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Disability Issues & Alternate & Augmentative Communication	This course focuses on the management of communication impairments in people with disabilities and mental health issues. It addresses the provision of augmentative and alternative communication in people with severe communication impairments.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		

Case Integration	This course helps the student to make the transition from the case-based disorder-specific courses in previous years to the more typical multifaceted communication disorders. Case integration using clinical reasoning, reflective practice, and evidence-based practice is the basis of this course.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
Professional Issues in Speech Pathology	Learning about professional issues in the workplace by analysis of real-life critical incidents of speech pathologists. (Includes knowledge of OH & S, professional associations, specific organisation's policies & general employment issues.)	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Transition to Professional Practice	Equips students with knowledge of professional issues such as legal & ethical issues, professional associations & private practice. Emphasis on preparing students for the workplace including seminars on applying for jobs & working in rural & remote areas.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Clinical Management	This is the final clinical placement course in the Bachelor of Speech Pathology program. Students attend a sessional University clinic to consolidate their case-based knowledge and integration, their clinical management skills and their professional role within clinical settings.	Undergraduate	Semester 2, 2018	Health & Rehab Sci School	1		
Children with Special Needs	Provides students with the knowledge and skills to assess, diagnose & plan effective treatment for children with special needs in communication, including autism spectrum disorder, hearing impairment, intellectual disability, cultural and linguistic diversity, cleft palate, and cerebral palsy.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Advanced Clinical Practice	This is the final clinical placement course in the Master of Speech Pathology Studies program. Students attend a 6 week block placement (168 hours) in a workplace clinic to consolidate their case-based knowledge and integration, their clinical management skills and their professional role within clinical settings.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	2		
Clinical Management of Dysphagia & Laryngectomy	This course involves (a) development of students' competencies in the assessment, diagnosis, treatment & management of paediatric, adult and complex dysphagic cases, (b) development of the swallowing and communication management of patients who have undergone head and neck surgery.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		

Practice Education	A clinical placement course which consolidates students' skills in assessing and managing a range of speech pathology cases.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Articulation and Phonological Disorders and Clinical Practice	This course develops foundation knowledge of the assessment, differential diagnosis and management of childhood speech disorders, and phonetics for speech pathology. It aids in the development of practical skills in transcribing and analysing speech, diagnosing speech disorders, and implementing appropriate therapeutic programs which will be applied in the clinical practicum component.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Early Childhood Language	This course will develop professional and clinical competencies in the diagnosis and treatment of developmental language delays and disorders in children aged 0 to 5 years. By completion of the course students will gain: knowledge of typical language development; skills in differential diagnosis between typical language development and language delay/disorders; be able to identify a range of assessment procedures; and have knowledge of appropriate interventions for young children with language delays/disorders. In addition, this course provides graduate entry masters students with the opportunity to engage in team work to effectively communicate information about formal test construction.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Language and Literacy in Education	This course aims to prepare students for working with children who attend mainstream primary and secondary schools. The course will consider the impact of later language development and skill on the acquisition of literacy and achievement of academic success. Students will understand language, listening and literacy development within the context of the classroom environment and the demands of academic curricula. The course has a clinical focus whereby practical applications of assessments and evidence-based language and literacy interventions will be studied.	Postgraduate Coursework	Semester 1, 2018	Health & Rehab Sci School	1		
Acquired Adult Neurological Language Disorders	This course focusses on acquired neurological language disorders and cognitive communication disorders. An additional focus is clinical practice in speech pathology. This course includes a standardised patient clinic and 12-week sessional placement.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		

Motor Speech Disorders in Children & Adults	This course is designed to provide students with a theoretical knowledge of the motor speech disorders that occur in children and adults. In addition, the course will develop professional competencies in the assessment, differential diagnosis, and clinical management of these conditions.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Complex Clinical Issues in Speech Pathology	Management of complex clinical issues in speech pathology requires integration of information from a range of sources, and an awareness of ethical issues impacting speech pathology practice. This course will address the complex clinical issues that arise in areas such as disability, mental health, and aged care. Students will gain an understanding of ethical issues surrounding the practice of speech pathology. In weeks 1-6 students will complete tasks to obtain required clinical information for submission of an ethics-decision making report. In weeks 7-13 students will attend 6 hours of learning activities per week.	Postgraduate Coursework	Semester 2, 2018	Health & Rehab Sci School	1		
Principles of Sports Medicine	Develops theoretical and practical skills relating to general principles in sports medicine including injury classification, etiology, prevention; injury diagnosis, treatment and rehabilitation.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Special Groups in Sports Medicine	Develops theoretical and practical skills regarding special populations (e.g., disabled, children elderly, women athletes) and conditions (e.g., asthma, diabetes, epilepsy) in relation to exercise and sports medicine.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		
Upper Limb, Head, Neck and Trunk Sport Injuries	Develops theoretical and clinical skills for assessment and management of common upper body injuries in sport including shoulder, elbow, wrist, hand; head and spine injuries.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Lower Limb and Lumbar Region Injuries in Sport Medicine	Develops theoretical and clinical skills for assessment and management of common lower body injuries in sports medicine including pelvic and lower back injuries, hip, groin, thigh and knee injuries; leg, ankle and foot injuries. Required residential workshop compliments course material.	Postgraduate Coursework	Semester 2, 2018	Human Movement & Nutrition Sci	1		

Clinical Exercise Science for Sports Medicine 1	Develops theoretical and practical skills focussing on the cardiovascular system during exercise. Topics covered include physiological responses of the cardiovascular system in response to exercise, exercise ECG interpretations and the role of exercise in the primary, secondary and tertiary prevention of cardiovascular disease.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Sports Medicine of Physical Activity	Recognition, prevention & management of injuries from physical activity; mechanisms of sports injuries; preventive & protective techniques; special conditions in sports medicine. This course had the previous code of HMST3052 which can be viewed in the archived area within the Course and Program site http://www.uq.edu.au/study/archive/index.html	Undergraduate	Semester 1, 2018	Human Movement & Nutrition Sci	1		
Research Project in Sports Medicine	A supervised, structured research project in an area appropriate to clinical sports medicine.	Postgraduate Coursework	Semester 1, 2018	Human Movement & Nutrition Sci	2		
Probability & Statistics	Probability; random variables; probability distributions; Markov processes; statistical analysis & modelling	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Project or Thesis I	Research project/thesis report on topic in research field as recommended by supervisor and approved by Head of School. Students commencing in sem 1 enrol in STAT7010 for sem 1 and sem 2; students commencing in sem 2 enrol in STAT7011 for sem 2 and the following sem 1.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Analysis of Scientific Data	Analysis of scientific data and experiments: Design of experiments and ethical research. Data modelling and management. Exploratory data analysis. Randomness and probability. Statistical analysis including linear regression, analysis of variance, logistic regression, categorical data analysis, and non-parametric methods.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Applications of Computational Statistics	This course introduces computational statistics with applications to bioinformatics. It provides an accelerated introduction to statistics and statistical programming in R. The course then builds on these by using R to explore applications of statistics in science and molecular biology in particular.	Postgraduate Coursework	Semester 1, 2018	Chemistry & Molec Biosciences	1		
Applied Probability & Statistics	Probability and Statistics for Data Science: basic probability theory, distributions and properties, sampling methods, EDA, estimation, hypothesis tests, regression, experimental design, transform methods, model construction, reliability, and joint distributions.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		

Advanced Analysis of Scientific Data	This course introduces students to the mathematical and computational aspects of statistical modeling. Emphasis is placed on a precise understanding of randomness and probability distributions, and statistical methods such as estimation, hypothesis testing, analysis of variance, regression and linear models, logistic regression, categorical data analysis and non-parametric methods. The course also covers exploratory data analysis, the design of experiments and ethical research, as well as the importance of critical thinking and communication in the interpretation of results.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	2		
Probability & Statistics	Probability; random variables; probability distributions; Markov processes; statistical analysis & modelling	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Statistical Modelling & Analysis	Statistical inference; parametric models; point estimation; properties of estimators; maximum likelihood (ML) and properties of ML estimators; confidence intervals; hypothesis testing; goodness-of-fit tests; Bayesian inference; ANOVA; linear and logistic regression.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Analysis of Engineering & Scientific Data	Statistical models & analyses required for analysing engineering & scientific data, including sampling methods, exploratory data analysis, standard probability models, estimation, hypothesis tests, regression, experimental design.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Probability Models for Engineering & Science	Probability models & applications in engineering & science, including basic probability theory, distributions & their properties, transform methods, construction of probability models, reliability, joint distributions, random processes: queues, Markov processes, Gaussian processes & weakly stationary processes.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Probability Models and Data Analysis for Engineering	Course to be first offered in 2013.Probability and Statistics for Engineering: basic probability theory, distributions and properties, sampling methods, EDA, estimation, hypothesis tests, regression, experimental design, transform methods, model construction, reliability, and joint distributions.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		

Mathematical Statistics	Likelihood theory: maximum likelihood, asymptotic theory, nuisance parameters, applications, likelihood ratio test, score tests, Wald tests, exponential family (properties: sufficiency, completeness). Confidence intervals, hypothesis tests. Bayesian inference. Multivariate normal distribution & quadratic forms. Distributional results & inference for general linear model.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Experimental Design	Analysis of completely random design, block designs, Latin squares, multiple comparisions, factorial experiments. Basic concepts of sampling introduced, with following in detail: simple random sampling, stratified sampling & aspects of ratio estimation.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Probability Models & Stochastic Processes	Description of probability models. Generating functions & transforms. Limit laws. Markov chains in discrete & continuous time. Stochastic models in epidemics, finance, population biology, genetics, reliability & telecommunications. Simulation methods.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Statistical Analysis of Genetic Data	This course teaches the why and how of statistical methods and their computer applications to analyse genome-wide genetic data and phenotypes on large numbers of individuals. Genetic data sets are usually large comprising thousands of individuals. Examples of typical genetic data sets include phenotypic records with a recorded pedigree structure of relationships between individuals or disease cases and controls with DNA polymorphisms measured at millions of locations in the genome. Major topics include: linear mixed models for estimation and prediction, genome-wide association studies, multiple trait analyses. The course focusses on applications in human and livestock genetics and genomics. There is a strong element of hands-on analyses of real-world datasets using R and GCTA.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Problems & Applications in Modern Statistics	Students investigate a number of problems and applications that have a significant role in modern statistics. The course develops skills in writing and presenting statistics for general and specialist audiences.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		

Advanced Statistics I	(offered in even years only). State of the art in advanced statistics. The selection of topics will depend on the (research) interests of the lecturer, and will lie in the areas of multivariate analysis, non-linear models and computational methods.	Undergraduate	Semester 2, 2018	Mathematics & Physics School	1		
Advanced Probability & Stochastic Processes I	(offered in even years only) State of the art in advanced probability and stochastic processes. The selection of topics will depend on the (research) interest of the lecturer, and will lie in the areas of Markov processes, renewal theory, point processes, martingales and stochastic integration. Offered in even-numbered years only.	Undergraduate	Semester 1, 2018	Mathematics & Physics School	1		
Mathematical Statistics	This course provides an accessible, yet detailed, account of contemporary mathematical statistics. Topics include: Theory of linear models; likelihood methods; exponential families; Bayesian statistics; re-sampling methods.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Experimental Design	Experimental Design (completely randomised design, block design, factorial experiments including confounding and fractional replication); Sampling techniques and surveys including stratification and cluster sampling.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Probability Models & Stochastic Processes I	Description of probability models. Generating functions & transforms. Limit laws. Markov chains in discrete & continuous time. Stochastic models in epidemics, finance, population biology, genetics, reliability & telecommunications. Simulation methods. Markov chain Monte Carlo. Inference for stochastic processes. Stationary processes. Time series.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		

Statistical Analysis of Genetic Data	This course teaches the why and how of statistical methods and their computer applications to analyse genome-wide genetic data and phenotypes on large numbers of individuals. Genetic data sets are usually large comprising thousands of individuals. Examples of typical genetic data sets include phenotypic records with a recorded pedigree structure of relationships between individuals or disease cases and controls with DNA polymorphisms measured at millions of locations in the genome. Major topics include: linear mixed models for estimation and prediction, genome-wide association studies, multiple trait analyses. The course focusses on applications in human and livestock genetics and genomics. There is a strong element of hands-on analyses of real-world datasets using R and GCTA.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Problems and Applications in Modern Statistics	Students investigate a number of problems and applications that have a significant role in modern statistics. The course develops skills in writing and presenting statistics for general and specialist audiences.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Advanced Statistics I	(offered in even years only). State of the art in advanced statistics. The selection of topics will depend on the (research) interests of the lecturer, and will lie in the areas of multivariate analysis, non-linear models and computational methods.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		
Advanced Probability & Stochastic Processes I	(offered in even years only) State of the art in advanced probability and stochastic processes. The selection of topics will depend on the (research) interest of the lecturer, and will lie in the areas of Markov processes, renewal theory, point processes, martingales and stochastic integration. Offered in even-numbered years only.	Postgraduate Coursework	Semester 1, 2018	Mathematics & Physics School	1		
Mathematical Background for Biostatistics	This course covers basic algebra and analysis; exponential functions; sets and probability; matrices; calculus; series, limits, approximations and expansions; numberical methods. This course is part of the Biostatistics Collaboration of Australia. If you are not enrolled in a Biostatistics program at UQ, please contact the Program Director, Dr Mark Jones, to seek permission before enrolling.	Postgraduate Coursework	Semester 1, 2018	Public Health School	2		

Health Indicators & Health Surveys	This course covers routinely collected health-related data; quantitative methods in demography, including standardisation and life tables; health differentials; design and analysis of population health surveys including the role of stratification, clustering and weighting. This course is part of the Biostatistics Collaboration of Australia. If you are not enrolled in a Biostatistics program at UQ, please contact the Program Director, Dr Mark Jones, to seek permission before enrolling.	Postgraduate Coursework	Semester 1, 2018	Public Health School	1		
Data Management & Statistical Computing	This course covers concepts and tools for the management and analysis of data. Data management principles and concepts are developed using relational database software (Microsoft Access). Data manipulation; descriptive analyses and interpretation are introduced using SAS and Stata. This course is part of the Biostatistics Collaboration of Australia. If you are not enrolled in a Biostatistics program at UQ, please contact the Program Director, Dr Mark Jones, to seek permission before enrolling.	Postgraduate Coursework	Semester 1, 2018	Public Health School	2		
Principles of Statistical Inference	This course covers sampling variation, central limit theorem; normal-theory confidence intervals; probability models and likelihood; hypothesis tests: p-values, type 1 and 11 errors, statistical and practical significance; frequentist theory of estimation; likelihood ratio, Wald & score tests; Bayesian approach. This course is part of the Biostatistics Collaboration of Australia. If you are not enrolled in a Biostatistics program at UQ, please contact the Program Director, Dr Mark Jones, to seek permission before enrolling.	Postgraduate Coursework	Semester 1, 2018	Public Health School	2		
Clinical Biostatistics	Clinical agreement (kappa statistics, Bland-Altman method, intra class correlation); diagnostic tests (sensitivity, specificity, predictive values, ROC curves, likelihood ratio); statistical process control (special and common causes of variation, Shewhart, CUSUM and EWMA charts); systematic reviews (estimating effect, heterogeneity, publication bias), Clinical trials (equivalence trials, cross-over trials). This course is part of the Biostatistics Collaboration of Australia. If you are not enrolled in a Biostatistics program at UQ, please contact the Program Director, Dr Mark Jones, to seek permission before enrolling.	Postgraduate Coursework	Semester 1, 2018	Public Health School	1		

Design of Randomised Controlled Trials	This course covers methods for controlled clinical trials; parallel, factorial and crossover designs; treatment allocation; blinding, stratification, and allocation concealment; sample size; intention to treat principle; phase I and II clinical studies; multiple endpoints; multiple tests and subgroup analyses; surrogate outcomes. This course is part of the Biostatistics Collaboration of Australia. If you are not enrolled in a Biostatistics program at UQ, please contact the Program Director, Dr Mark Jones, to seek permission before enrolling.	Postgraduate Coursework	Semester 2, 2018	Public Health School	1		
Linear Models	This course covers the method of least squares; regression models and related statistical inference; flexible nonparametic regression; analysis of variance and covariance; multiple regression with matrix algebra; model construction, checking and diagnostics; baseline values; variance components and random effects. This course is part of the Biostatistics Collaboration of Australia. If you are not enrolled in a Biostatistics program at UQ, please contact the Program Director, Dr Mark Jones, to seek permission before enrolling.	Postgraduate Coursework	Semester 1, 2018	Public Health School	2		
Categorical Data & Generalised Linear Models	Description: This course begins with conventional methods for contingency tables and then introduces generalised linear models (GLM's)(exponential family of distributions; parameter estimation and inference for GLM's). This is followed by binary, nominal and ordinal logistic regresion and poisson regression. This course is part of the Biostatistics Collaboration of Australia. If you are not enrolled in a Biostatistics program at UQ, please contact the Program Director, Dr Mark Jones, to seek permission before enrolling.	Postgraduate Coursework	Semester 2, 2018	Public Health School	1		
Survival Analysis	This course covers Kaplan-Meier life tables; log rank test; Cox's proportional hazards regression model; time-dependent covariates; multiple or recurrent events; sample size calculations for survival studies. This course is part of the Biostatistics Collaboration of Australia. If you are not enrolled in a Biostatistics program at UQ, please contact the Program Director, Dr Mark Jones, to seek permission before enrolling.	Postgraduate Coursework	Semester 1, 2018	Public Health School	1		

Longitudinal & Correlated Data	This course covers methods to analyse data from longitudinal (repeated measures) epidemiological or clinical studies; paired data; the effect of non-independence on comparisons within and between clusters of observations; methods for continuous outcomes: normal mixed effects. This course is part of the Biostatistics Collaboration of Australia. If you are not enrolled in a Biostatistics program at UQ, please contact the Program Director, Dr Mark Jones, to seek permission before enrolling.	Postgraduate Coursework	Semester 1, 2018	Public Health School	1		
Bayesian Statistical Methods	Description: This course introduces Bayesian methods and their relationship to standard 'classical' statistical approaches, especially those based on likelihood methods; computational techniques in Bayesian methods for fitting heirarchical models to complex data structures. This course is part of the Biostatistics Collaboration of Australia. If you are not enrolled in a Biostatistics program at UQ, please contact the Program Director, Dr Mark Jones, to seek permission before enrolling.	Postgraduate Coursework	Semester 2, 2018	Public Health School	1		
Probability & Distributional Theory	This course involves the study of basic probability and calculus-based methods underpinning probability distributions, and parameter estimation. This course is part of the Biostatistics Collaboration of Australia. If you are not enrolled in a Biostatistics program at UQ, please contact the Program Director, Dr Mark Jones, to seek permission before enrolling.	Postgraduate Coursework	Semester 1, 2018	Public Health School	2		
Project in Biostatistics	Students undertake one or more projects, usually under the supervision of an experienced biostatistician, in order to gain practical experience in the application and knowledge and skills learnt in the coursework components of the Master of Biostatistics or Master of Science (Statistics) program. Typically the projects will involve the student acting as a statistical consultant in a research team so that they gain additional experience in communication and teamwork. Assessment is based on a portfolio comprising a reflective preface and brief reports on each project.	Postgraduate Coursework	Semester 1, 2018	Public Health School	2		
Special Topics I	Advanced topics in statistics.	Postgraduate Coursework	Semester 2, 2018	Mathematics & Physics School	1		

Lifespan, Culture and Disability	This course covers theories and models of relating to human development over the complete span of life from conception of old age. It examines the application of this knowledge to social work practice with a particular focus on children and young people, disability and ageing. The course considers the effects of cultural diversity and adversity on people throughout their lifespan.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Introduction to Key Elements of Social Work	This course introduces students to the key elements of social work practice including values, ethics, foundational knowledge and skills, and how these link to processes of assessment and intervention. The course provides a contextual framework that includes an understanding of the social work profession in its historical and current socio-economic, political and organisational contexts.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Field Placement 1	First supervised practice experience for MSocWkSt students enrolled in the #32 unit program. Placement of 500 hours duration in a social welfare agency, focusing on integration of practice experience with course material and companion courses. The placement runs for approximately four days a week for 18 weeks commencing two weeks prior to the beginning of the semester.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	2		
Direct Practice 1	Social work practice is understood in relation to a number of methods. Students will be taught, and are expected to demonstrate, competence in basic communication skills and two methods of social work practice with individuals.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Advanced Social Work Field Practice Course in Health and Ageing	This course will provide students with a comprehensive knowledge and skill base for advanced practice in health and ageing. The aim is to develop students' critical reasoning, assessment and intervention skills with individuals, families and groups and caregivers in diverse health contexts. The course uses weekly interactive scenario-based learning case studies, taught with social work practitioners, to examine and apply concepts of inclusive practice and knowledge-based and ethical decision-making in assessment and intervention. The course will facilitate the development of skills in professional writing; team work; individual and systems advocacy skills; understanding and application of outcome-focused practice; and use of evidence for best practice.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
The Welfare of Australians	Introduces a range of key contemporary themes relating to the welfare (or well-being) of Australians, including issues of poverty and inequality, citizenship and diversity. Aims to develop students' beginning knowledge, appreciation and critical understanding of the institutional, policy and cultural responses to the promotion of wellbeing in Australian society; of society and its government and private institutions, and the special historical and contemporary circumstances of Indigenous Australians. Seeks to support critical analysis and personal reflection; policy, social and cultural awareness; and a commitment to engage in civil society as an active and responsible citizen.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Introduction to Social Work	Introduces students to various elements of social work: purpose, values, ethics, knowledge and theory for practice and provides opportunity for students to develop analytical skills for outcome directed and critical reflective practice.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Human Development and Social Work	This course covers theories and models relating to human development across the lifespan. It focuses on application of this knowledge to direct practice and examines the effects of diversity and adversity on children and adults throughout the lifespan.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Identity and Difference in Social Work Practice	The course aims to develop students' understanding of the demographics of difference in the Australian context and their relevance for social work and human services practice, how social divisions are constructed, and responded to, and the different theoretical perspectives on identity and difference. The course is organised in three broad themes: the first part addresses the Australian context and theoretical perspectives on identity and difference; the second part considers practice issues and organisational responses; the third part looks more deeply into the experience of discrimination and the ethics of practice. The course is offered in internal mode only.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	2		
Social Work & the Legal Context	The primary purpose of this subject is to develop a critical awareness of the interaction between social work and the law in contemporary social work practice. The course explores some of the key legal principles and processes that underpin the Australian legal system and provides insight into how different areas of the law interact with and impact upon social work practice. Areas of law introduced include: human rights, child protection, domestic violence, substitute decision-making, mental health, administration, social security and criminal law. Aspects of law which impact directly upon social workers are also explored. Throughout the course there is a focus on students considering how the law applies in the type of situations they will encounter in their future practice, along with an emphasis on how social workers can enhance their practice and outcomes for clients by thoughtful application of legal principles and decision-making processes.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Direct Practice 1	Social work practice is understood in relation to a number of methods. Students will be taught, and are expected to demonstrate, competence in basic communication skills and two methods of social work practice with individuals.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Direct Practice 2	Social work practice is understood in relation to a number of methods. Students will be taught, and are expected to demonstrate, competence in social work practice as that is practiced in communities, and a capacity to integrate several methods required by any particular piece of work. Please note that as well as weekly lectures and tutorials for this course, students will be invited to attend 3 -5 peer conversation cafes.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Individual Development & Health Care	This course considers the concept of health and the social and structural influences on health and well-being. The course examines the biomedical, biopsychosocial and socioecological frameworks of health to show how different understandings of health influence practice. Some of the health issues and challenges for specific population groups are also considered.	Undergraduate	Semester 1, 2018	Health & Rehab Sci School	1		
International Social Work	This course explores a number of key debates in social work about the nature and impact of globalisation on social work practice around the world. The course provides an introduction to the notion of globalisation and the various social, cultural, economic and political features of it. Using a range of case studies, you will develop knowledge about a range of social problems exacerbated by globalisation processes. These include: global poverty, global mental health, migration and people movements, human rights and ICT (Information Communication Technology). This course examines social work practice interventions which address globalisation processes at the local and/or global level.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Working in Human Service Organisations	Assists students to understand, analyse and work with a wide range of human service organisations. Implications of the centrality of organisations for social work and the skills and knowledge required to work in organisations are explored. Theories and concepts to guide effective social work in organisational contexts are developed, explained and applied to practice situations. This subject requires reflection by students on the experiences gained through their practicum placements.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Moral and Ethical Foundations of Social Work	Explores moral and ethical foundations of social work practice, different models of ethical decision-making and historical evolution of social work values and codes of ethics. Develops contextual nature of ethical issues and dilemmas across fields of practice.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Foundational Social Work Field Practice Course in Mental Health	This course provides an introduction to social work practice with people with mental health problems in everyday social work settings. The emphasis is on understanding the lived experience of mental illness and treatments as a starting point for helping. Topics covered include conceptualising mental health and illness, social work in multidisciplinary settings, mental health policy and law, social work assessment, case management, community work and family work.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Foundational Social Work Field Practice Course in Child, Youth and Family	This course will provide students with a comprehensive understanding of the foundations of social work practice with children, young people and families. The course will focus on practice in both statutory and non-government service organisations. Course learning activities will focus on developing students' understanding of the legal, policy and organisational environments of practice with children, young people and families with a strong focus on understanding the Queensland and national environments of practice. Students will consolidate learning with regard to the application of psychological, sociological and political understandings of service user needs and experiences of service systems. Foundational practical skills in direct practice with children, young people, parents and other care givers will be considered. Specific needs of vulnerable children, young people and families will be considered particularly with respect to these families' engagement with various service systems including child protection, education, health and juvenile justice systems.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Foundational Social Work Field Practice Course in Health and Ageing	This course introduces students to key elements of social work practice across a wide variety of health contexts, including acute, primary and community health and non-government health-related contexts. The course adopts a lifespan approach to identify and discuss the health and practice issues for different population groups, and the personal, geographical, and cultural diversity of population groups. The learning activities in this Foundation course are designed to provide students with knowledge of the socio-political and theoretical contexts which frame social work practice in health, and with skills in basic assessment and intervention and professional communication. To maximise student learning experiences, the Health and Ageing Foundation engages social work practitioners in the design and delivery of workshops.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Foundations for Social Work Practice in Disability	This course introduces students to social work practice in the field of disability. The content is structured around weekly workshops covering the experience of disability for individuals and families, and current policy and programmatic issues in the disability sector. It adopts a strong focus on the lived experiences of disability and reflects on the important presence of family and community in the lives of people with disability. Topics covered include person-centred and family-centred practice, advocacy, local area coordination, supported decision-making, direct payments, NDIS and other relevant policy and legislation in the Australian context.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Field Placement 1	First supervised practice experience in a social welfare agency for Bachelor of Social Work students. It focuses on integration of practice experience with course material and companion courses. The placement consists of 500 hours (approximately 18 weeks, 4 days per week) commencing two weeks prior to the beginning of the semester. Please note that supplementary assessment is not available for this course.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Research in Social Work and Human Services Practice	This course introduces research as a core practice skill that is important in generating, evaluating and using knowledge in social work and human services practice. Teaching modules concentrate on the social, political, cultural and ethical context in which research knowledge is generated and used, key research principles and approaches, and skills in designing research and analysing qualitative and quantitative data.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	2		
Advanced Research in Social Work and Human Services	This course introduces research as a core practice skill that is important for generating, evaluating and using knowledge in social work and human services practice. Teaching modules concentrate on the social, political, cultural, and ethical context in which research knowledge is generated and used, key research principles and approaches, and skills in designing research and analysing qualitative and quantitative data. Bachelor of Social Work Honours students will need to successfully complete a literature review, ethical clearance critique and design a survey.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Research & Evaluation for Social Work Practice	This research methods course builds on content covered in SWSP3302. There is a strong emphasis on the application of research methods in practice and program evaluation. A working knowledge of social research methods, including the capacity to choose the most appropriate methods to investigate particular research questions, to critically review social research, and to apply research findings to specific practice and policy contexts, is an essential component of social work practice. After completion of this course, students will demonstrate developing skills in critically reviewing existing research, building a repertoire of research and evaluation knowledge and skills. Students will be able to demonstrate skills in key approaches to social work research and evaluation including focus groups, analysing secondary data, qualitative analysis, and evaluation planning. This course is for students in the Bachelor of Social Work and is a requirement for Honours.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Supervised Practice 2	Second supervised practice experience in a social welfare agency. The course focuses on integration of practice experience with course material and companion courses. The placement runs for 500 hours (approximately 18 weeks at 4 days per week), starting 2 weeks before beginning of semester. In addition, students must attend a mandatory pre-placement workshop prior to placement commencing, and a mid-semester integration workshop. Please note that supplementary assessment is not available for this course. This course is for students who started the Bachelor of Social Work before 2011. Students who started from 2011 enrol in SWSP4266.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Contemporary Social Work: Frameworks for Advanced Practice	This is a capstone course in the Bachelor of Social Work program, pulling together students' understanding of practice developed through the program and challenging this understanding in the light of contemporary challenges for social work. The course is offered in flexible delivery mode to enable students to do their final placement away from Brisbane. This course is undetaken in the final semester of study in the Bachelor of Social Work program.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Advanced Social Work Field Practice in Health and Ageing	This course will provide students with a comprehensive knowledge and skill base for advanced practice in health and ageing. The aim is to develop students' critical reasoning, assessment and intervention skills with individuals, families and groups and caregivers in diverse health contexts. The course uses weekly interactive scenario-based learning case studies, taught with social work practitioners, to examine and apply concepts of inclusive practice and knowledge-based and ethical decision-making in assessment and intervention. The course will facilitate the development of skills in professional writing; team work; individual and systems advocacy skills; understanding and application of outcome-focused practice; and use of evidence for best practice.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Advanced Social Work Field Practice in Child, Youth and Family	This course will provide students with a comprehensive knowledge and skill base for advanced practice with children, young people and families. In weekly seminars and a series of intensive workshops, the focus will be on practice in both statutory and non-government service organisations. The skills addressed in this course include: assessment and decision-making; inclusive and participatory approaches to practice; working with children and young people in statutory and non-statutory environments; professional and legal writing skills in child, youth and family work; working with parents and other care givers; and understanding and application of evidence in practice.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Advanced Social Work Field Practice in Mental Health	This course is designed to provide students with the knowledge and skill base necessary for effective entry-level mental health social work practice. Assessment and content have been devised in consultation with experienced social workers in the field. SWSP4183 has a skills focus and engages directly with some of the most challenging and confronting areas of practice such as suicide risk assessment and the administration of the Mental Status Examination. To this end it is important to note that the course will regularly confront students with discussions of sudden death, psychosis, trauma and child sexual abuse. It is scarcely possible to practise in the field without encountering these issues and part of the experience of studying SWSP4183 will be the need for students to develop individual ways of coping with stressful content. Please note also that the skills focus of the course will require students to engage regularly in role-play activities. Despite all this, SWSP4183 has consistently received strong feedback from students as a safe, supportive environment in which to develop the skills necessary for effective practise in mental health. This year will be no exception!	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Community Development	Learning the practice of community development requires familiarity with a number of concepts such as: the value and theory base of the work; the steps of the method; issues of moving a private concern to public action; the organisation of the community; and the structure of community organisations from which the work takes place. This elective provides the opportunity for dialogue to explore the issues involved with the practice of community development and to practice the core competencies involved with this method of working. The course is undertaken as fortnightly half-day workshops that are supported by online teaching and learning activities in the alternate weeks.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Field Placement 2	Second supervised practice experience in a social welfare agency. The course focuses on integration of practice experience with course material and companion courses. The placement runs for 500 hours (approximately 18 weeks at 4 days per week), starting 2 weeks before beginning of semester. In addition, students must attend a mandatory pre-placement workshop prior to placement commencing, and a mid-semester integration workshop. Please note that supplementary assessment is not available for this course. This course is for students who started the Bachelor of Social Work from 2011. Students who started before 2011 enrol in SWSP4088.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		

Advanced Research and Evaluation in Health and Ageing	This #4 unit advanced research course builds on content covered in SWSP3303 Research in Social Work and Human Services (Research Preparation course - Year 3).There is a strong emphasis on the application of research methods to complete a small scale independent research project across the two semesters. Students will complete an individual project and produce a 6,000-8,000 word research report over Semester 1 and Semester 2 in Year 4. The research project involves the design, implementation, analysis and interpretation of data and an oral and written presentation of the project. The approach taken is blended learning with a combination of workshops, simulated learning and peer and group supervision to support students to gain the necessary knowledge and skills to complete the project.	Undergraduate	Semester 1, 2018	Nursing, Midwifery & Social Wk	2		
Advanced Research and Evaluation in Child, Youth and Family	This #4 unit advanced research course builds on content covered in SWSP3303 Research in Social Work and Human Services (Research Preparation course - Year 3).There is a strong emphasis on the application of research methods to complete a small scale independent research project across the two semesters. Students will complete an individual project and produce a 6,000-8,000 word research report over Semester 1 and Semester 2 in Year 4. The research project involves the design, implementation, analysis and interpretation of data and an oral and written presentation of the project. The approach taken is blended learning with a combination of workshops, simulated learning and peer and group supervision to support students to gain the necessary knowledge and skills to complete the project.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	2		

Advanced Research and Evaluation in Mental Health	This #4 unit advanced research course builds on content covered in SWSP3303 Research in Social Work and Human Services (Research Preparation course - Year 3).There is a strong emphasis on the application of research methods to complete a small scale independent research project across the two semesters. Students will complete an individual project and produce a 6,000-8,000 word research report over Semester 1 and Semester 2 in Year 4. The research project involves the design, implementation, analysis and interpretation of data and an oral and written presentation of the project. The approach taken is blended learning with a combination of workshops, simulated learning and peer and group supervision to support students to gain the necessary knowledge and skills to complete the project.	Undergraduate	Semester 2, 2018	Nursing, Midwifery & Social Wk	2		
Advanced Social Work Field Practice Course in Child, Youth and Family	This course will provide students with a comprehensive knowledge and skill base for advanced practice with children, young people and families. In weekly seminars and a series of intensive workshops, the focus will be on practice in both statutory and non-government service organisations. The skills addressed in this course include: assessment and decision-making; inclusive and participatory approaches to practice; working with children and young people in statutory and non-statutory environments; professional and legal writing skills in child, youth and family work; working with parents and other care givers; and understanding and application of evidence in practice.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Advanced Social Work Field Practice Course in Mental Health	This course is designed to provide students with the knowledge and skill base necessary for effective entry-level mental health social work practice. Assessment and content have been devised in consultation with experienced social workers in the field. SWSP7183 has a skills focus and engages directly with some of the most challenging and confronting areas of practice such as suicide risk assessment and the administration of the Mental Status Examination. To this end it is important to note that the course will regularly confront students with discussions of sudden death, psychosis, trauma and child sexual abuse. It is scarcely possible to practise in the field without encountering these issues and part of the experience of studying SWSP7183 will be the need for students to develop individual ways of coping with stressful content. Please note also that students will be required to engage regularly in role-play activities.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		
Direct Practice 2	Social work practice is understood in relation to a number of methods. Students will be taught, and are expected to demonstrate, competence in social work practice as that is practiced in communities, and a capacity to integrate several methods required by an particular piece of work. Please note that conversation cafes (peer discussion groups) are also a component of this course.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
The Legal and Policy Context for Social Work Practice	This course supports the development of a critical awareness of the interaction between social work, policy and the law in contemporary social work practice. The key institutional arrangements and processes of the Australian policy and legal system will be examined. The course will provide insight into how different areas of the law and policy interact with and impact upon social work practice.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	1		

Field Placement 2	Second supervised practice experience in a social welfare agency. The course focuses on integration of practice experience with course material and companion courses. The placement runs for 500 hours (approximately 18 weeks at 4 days per week), starting 2 weeks before beginning of semester. In addition, students must attend a mandatory pre-placement workshop prior to placement commencing, and a mid-semester integration workshop. This course is the final placement for MSocWkSt students enrolled in the #32 program. Please note that supplementary assessment is not available for this course.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	2		
Family Therapy Traditions: Basic Concepts and Skills	This course provides a thorough overview of the basic theories which gave rise to the central schools of contemporary family therapy. Students can expect to gain knowledge of fundamental concepts and their practice derivatives with some opportunities to begin to recognize and undertake their implementation.	Postgraduate Coursework	Semester 2, 2018	Nursing, Midwifery & Social Wk	1		
Field Placement 1	Supervised practice experience in a social welfare agency. The course focuses on integration of practice experience with course material and companion courses. The placement runs for 600 hours (approximately 21 weeks at 4 days per week), starting 4 weeks before beginning of semester. This course is for MSocWkSt students enrolled in the #24 unit program. Please note that supplementary assessment is not available for this course.	Postgraduate Coursework	Semester 1, 2018	Nursing, Midwifery & Social Wk	2		

Principles of Entrepreneurship	Entrepreneurship is commonly regarded as the pursuit of opportunity beyond the resources apparently to hand. With this maxim in mind, we explore the theory and practice of starting then growing new ventures, where opportunities exist but the pathways to unleash promising outcomes are uncertain. Knowledge and skill development is built by identifying and developing a new business idea within the class, through adaptive execution to generate information by building and testing business hypotheses so to navigate uncertainties. These skills are then used to analyse conditions across various entrepreneurial firms. Topics include the process of entrepreneurial logic, designing business models for value capture and delivery, framing competitive strategy, determining assumptions-based finance needs, understanding different innovation types and managing growth to build stronger ventures.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Foundations of Entrepreneurship	This course is designed to introduce students to foundational principles of entrepreneurship and the different contexts in which these principles can be applied. The course covers the core principles of entrepreneurship, including value propositions, business models, effectuation, decision making under uncertainty and business planning as well as different applications of these principles. Course assessment focuses on explaining core principles and applying these principles to cases. The core set of knowledge and skills that are the focus of this course form the necessary foundation for excelling in the applied nature of subsequent courses.	Undergraduate	Semester 1, 2018	Business School	1		
Entrepreneurship	Introduces theory, practice and research into starting and growing new ventures. Knowledge and skill development focuses on start-up planning as well as learning-by-doing through adaptive execution. Topics include matching types of new venture to entrepreneurial goals, the value creation process, designing business models for value, assessing market attractiveness, networking, raising finance, creating competitive advantage, writing business plans, franchising and managing growth.	Undergraduate	Semester 2, 2018	Business School	1		

Fundamentals of Technology and Innovation Management	Introduction to the management of technology & innovation, including strategic & operational technology & innovation management, business competitiveness, business partnerships & alliances, managing R&D, new product development, & valuation of technology. Intended for Science and Engineering students in at least Year 3 as well as business or commerce students interested in technology and innovation management.	Undergraduate	Semester 2, 2018	Business School	1		
Startup Entrepreneurship In Practice	This course is a sequel to Principles of Entrepreneurship and is designed for students wishing to pursue a career within the startup ecosystem. Students will be exposed to the different roles and career paths within the startup ecosystem through engagement with startups and their supporters such as mentors, community managers, investors and policy makers. Theoretically the course is framed using theory on legitimacy, uncertainty and the entrepreneurship process to provide a foundation for understanding the different roles and practices in startup ecosystem. Students will be challenged to put their knowledge and skills into action through their engagement with startups where they will be exposed to the challenges of bringing innovative and novel products and services to market. The course advances entrepreneurship students' knowledge of entrepreneurship by building their ability to understand the startup process and broader ecosystem in which startups are embedded.	Postgraduate Coursework	Semester 2, 2018	Business School	1		

Entrepreneurship Incubator	The purpose of this course is to allow students to continue to learn how to build their social or other entrepreneurship projects, which they started in TIMS7329, TIMS7325 or TIMS7301, into social enterprises OR for-profit start-ups. The course focuses on skills relevant to initial execution and incubation of their projects. Students will be judged in terms of customer impact, team skill development, personal development and business development results achieved. These assessments are seen as learning tools to motivate students to drive results from their projects. While the course has a strong practical application focus this is supported on a weekly basis with select theory and skill-building coaching. Successful students will graduate with tangible evidence of their ability to create social, team, personal and business value.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Industry Research and Consultancy	This course presents both the managerial and technical perspectives of research design and data collection to support decision making in tourism, hospitality and event organisations. Students will learn about the process of conducting an industry research project including designing, bidding for, and implementing, a research project. Topics include interpreting and analysing data and information from a number of sources; market research and project evaluation; applied research methods and data gathering techniques and basic approaches to the presentation of data.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Tourism Thesis	Students choose a research topic in a field related to their area of study. Normally the thesis will entail primary and secondary research, and therefore includes research methods, data analysis and discussion. The topic must be approved by the course co-ordinator, who will then appoint an advisor.	Postgraduate Coursework	Semester 1, 2018	Business School	2		

Tourism, Hospitality & Event Industries	This course introduces students to the characteristics, relationships, dynamics and complexity of the international tourism, hospitality and event industries. The course covers key topics such as definitions and concepts of tourism, hospitality and events; the nature and size of the tourism, hospitality and event industries; economic characteristics and employment outcomes; demand and supply aspects including the role of intermediaries, tourism operators, accommodation, food and beverage and events; and current trends and impacts.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Tourism, Hospitality & Event Service	This course provides an introduction to the underlying principles of service management in the tourism, hospitality and event industries. It is focused on the strategies, systems, processes and design aspects of creating and evaluating service delivery, service excellence and service orientation. Topics include understanding the `service-dominant logic' approach to marketing and managing service, setting service strategy, understanding customer needs, building a service-minded workforce, measuring and evaluating service quality, and drivers of service industry customer loyalty.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Disciplinary Foundations of Tourism, Hospitality & Events	This course introduces the disciplinary foundations relevant to an understanding of tourism, hospitality and events. The course examines tourism, hospitality and events from the perspective of different disciplines, including economics, politics, geography, sociology, psychology, education and anthropology. The course also highlights the multi-disciplinary and post-disciplinary nature of tourism, hospitality and event research. Examples and cases will be used to illustrate how these disciplinary perspectives inform practice.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Principles of Tourism, Hospitality & Events	This course provides an understanding of Tourism, Hospitality and Events as separate fields of study and the interrelationship between them all. It looks at the role of THE in society, its involvement with industry and government and its impact on the environment.	Undergraduate	Semester 1, 2018	Business School	2		

Tourist and Visitor Behaviour	This course examines the psychology of people in tourism environments. It analyses motivation to engage in tourist and visitor experiences, the restraints which restrict tourist and visitor behaviour and their decision making.	Undergraduate	Semester 2, 2018	Business School	2		
Tourism and Leisure Operations Management	This course examines evolving trends of hedonistic services in the tourism and leisure industry sectors. Whilst the major focus is on private sector firms, consideration is given to government influence and involvement.	Undergraduate	Semester 1, 2018	Business School	1		
Tourism and Leisure Futures	This course introduces a range of industry trends and examines their influence on the development and management on niche and specialist tourism markets. Past trends are analysed and future potential changes to lifestyle consumption are forecast.	Undergraduate	Semester 2, 2018	Business School	1		
Destination and Experience Marketing	This course applies marketing knowledge to travel, leisure and tourism organisations. Marketing theories, models, methods are practices are critically evaluated. Destination governance, positioning and branding are examined as is destination recovery after a crisis.	Undergraduate	Semester 1, 2018	Business School	1		
Applied Economics for Tourism	This course examines key economic concepts of relevance to future business managers in both the public and private sectors. It emphasises hands on experience to familiarise students with real world issues and contemporary economic approaches to solutions.	Undergraduate	Semester 2, 2018	Business School	1		
Tourism Policy and Planning	This course examines private sector strategic (including business) planning and tourism destination planning and policy. Key theories and concepts, applicable to both public and private sector tourism strategic planning are examined.	Undergraduate	Semester 2, 2018	Business School	1		
Tourism Field Studies	This course provides an opportunity to apply knowledge and skills learned in your studies in a practical situation. It involves a field trip to a tourism destination to conduct a project with tourism managers and operators. Enrolment in this course requires prior approval by the Head of School.	Undergraduate	Semester 1, 2018	Business School	3		
Strategic Tourism Management	This cap stone course synthesises, integrates and applies prior knowledge to an important strategic management scenario. It provides conceptual and practical understanding of strategic management as it applies to a tourism destination or related business.	Undergraduate	Semester 2, 2018	Business School	1		

Service Management in Tourism	This course explores service management theory and its practical application in Tourism, Hospitality and Event management. It covers a range of management fundamentals integrating service mindedness across a range of management areas essential for effective leadership in service organisations.	Undergraduate	Semester 1, 2018	Business School	2		
Professional Development	This course prepares students for entry into the workforce by allowing students to gain insights into careers within the Tourism, Hospitality and Event industries with an opportunity to compare theory with practice.	Undergraduate	Semester 2, 2018	Business School	1		
Industry Research and Consultancy	This course is designed to introduce students to social science research methods that are relevant within tourism, hospitality and events related fields. Students will develop an understanding of why research is conducted and will be introduced to basic designs, models and processes that are applicable in tourism related research. As a part of this course, students will be given a basic introduction to quantitative and qualitative methods of description and measurement.	Undergraduate	Semester 1, 2018	Business School	2		
Honours Thesis A	This thesis course gives honours students the opportunity to undertake a substantial piece of work in a topic of interest as approved by the Head of School. This course is designed to be undertaken over 2 semesters and it is intended that students complete a literature review and research proposal in semester 1 and the research project is undertaken, analysed and written up in semester 2. Students are encouraged to choose a topic that is of particular interest to them personally and which is also relevant to their study area. On completion of this course, students are required to submit a Thesis of not less than 20,000 words. The thesis provides an opportunity for students to undertake a significant piece of research and as such is ideal preparation for the student to undertake higher research studies.	Undergraduate	Semester 1, 2018	Business School	2		

Honours Thesis B	This thesis course gives honours students the opportunity to undertake a substantial piece of work in a topic of interest as approved by the Head of School. This course is designed to be undertaken over 2 semesters and it is intended that students complete a literature review and research proposal in semester 2 and the research project is undertaken, analysed and written up in semester 1. Students are encouraged to choose a topic that is of particular interest to them personally and which is also relevant to their study area. On completion of this course, students are required to submit a Thesis of not less than 20,000 words. The thesis provides an opportunity for students to undertake a significant piece of research and as such is ideal preparation for the student to undertake higher research studies.	Undergraduate	Semester 1, 2018	Business School	2		
Critical Issues in Tourism, Hospitality & Events	This course uses a problem-based learning approach to examine critical contemporary issues in tourism, hospitality and event management. Representatives from the industry will present a real problem or issue for students to consider. Students will work in teams to identify solutions to the problem before reporting back to industry representatives. Topics and issues will be dynamic, varying from year to year.	Undergraduate	Semester 1, 2018	Business School	1		
Advanced Research Methods and Analysis	This course explores the analysis and presentation of data for both academic and industry audiences. Students will learn about the management and analysis of qualitative and quantitative data using software. Topics include coding and formatting data sets, data quality and cleansing, descriptive statistics, inferential statistics, developing research conclusions, and reporting research methods and results for different audiences.	Undergraduate	Semester 1, 2018	Business School	1		

Visitor Management	The course examines the design and management principles and practices of sustainable visitor experiences in tourism, hospitality and event operations and destinations. It will examine settings ranging from the global to local landscapes, streetscapes and servicescapes. Topics include visitor motives, decision making and behaviour; the experience economy; designing and staging experiences; orientation and place making; interpretation and visitor learning; and cross-cultural and social interactions.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Marketing & Distribution Research Project	This course develops the skills needed to plan and manage marketing and sales in the tourism, hospitality and event industries. Topics covered include marketing communications, electronic marketing, social media, market analysis, relationship marketing, sales techniques, distribution channels, experiential marketing, business to business marketing and integrated destination marketing and branding.	Postgraduate Coursework	Semester 1, 2018	Business School	3		
Advanced Research Methods and Analysis	This course explores the analysis and presentation of data for both academic and industry audiences. Students will learn about the management and analysis of qualitative and quantitative data using software. Topics include coding and formatting data sets, data quality and cleansing, descriptive statistics, inferential statistics, developing research conclusions, and reporting research methods and results for different audiences.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Professional Experience	This course is designed as a capstone learning experience for students studying postgraduate tourism, hospitality and event management. Students get an invaluable opportunity to work on a real project for an industry client. The course incorporates Work Integrated Learning activities to increase students' understanding of the tourism, hospitality and event industries, as well as increase their employability. In this course, students will be able to apply their academic knowledge, contribute to a workplace, and gain new and valuable transferable skills.	Postgraduate Coursework	Semester 1, 2018	Business School	2		

Special Interest Tourism	The tourism and leisure industries are being increasingly fragmented into a series of niche or specialty travel forms of tourism that have emerged over recent years. Many tourists are now searching for novel and exciting types of experiences rather than opting for the traditional offerings cased in terms of passive engagement in industry driven and mass-produced, packaged products and services. The tourist of the 21st century is a savvy consumer who is motivated by a desire to indulge in new experiences across a range of diverse settings and has a desire for the authentic. Managers need to respond to these trends by understanding how to engage with tourists and to better design their services.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Destination Management & Marketing	This course takes a destination management and marketing approach to tourism, and focuses on the planning of destination experiences, and the management of sustainable destinations. Students will identify, and analyse in detail, how these two principles have been integrated in a variety of destinations to enhance global competitiveness. Topics include the roles and functions of governments and destination management organisations (DMOs); planning and product development; policy and regulation; positioning and branding; resources, networks and partnerships; risk management and disaster recovery and the implementation sustainable tourism. This course builds on, and considers, fundamental and advanced topics in tourism marketing, governance and sustainable planning and management.	Postgraduate Coursework	Semester 2, 2018	Business School	1		
Travel Distribution and Transport Systems	This course focuses on the flow of information and people in the travel and tourism industries. Students will develop an advanced understanding of the distribution and management of the travel and transport sectors of the tourism industry. This course will explore how visitors find and book travel products, and how they access tourism product through various transport modes. The role of travel distribution intermediaries and transport companies will be analysed from a sustainable management perspective.	Postgraduate Coursework	Semester 1, 2018	Business School	1		

Tourism in Developing Economies	This course adopts a social science perspective to examine the social, cultural, economic and environmental challenges and opportunities for tourism in developing economies. Students will understand the concept of development, and the potential opportunities, challenges and debates associated with tourism in developing economies. Topics include pro-poor tourism, tourism and poverty alleviation, community involvement, capacity building, fair trade in tourism, tourism in island nations, markets, arts and crafts, indigenous tourism and the involvement of women and minority groups in tourism in developing economies.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Research Thesis I	This course offers a capstone experience in which students conduct a research project and produce a thesis of 20,000-25,000 words in a field related to their area of study. With guidance from an academic mentor, the student will conduct primary and secondary research which includes an academic literature search, research design, data analysis and discussion. The course allows the student to undertake advanced level research and produce a substantial piece of writing which advances knowledge in the selected field of research.	Postgraduate Coursework	Semester 1, 2018	Business School	1		
Tourism Industry Placement	In this course, students consolidate their knowledge and skills by engaging in a short placement in an organisation.	Postgraduate Coursework	Semester 1, 2018	Business School	2		
Epidemiological and Research Methods for Animal and Veterinary Biosciences	This course covers literature review and critical evaluation of evidence, formulating the research question and study design; data collection and management, basic epidemiological and statistical methods, legislative framework for human and animal ethics in research; scientific writing and reporting. This course will be delivered as Web based through Blackboard.	Postgraduate Coursework	Semester 1, 2018	Veterinary Science School	2		

Veterinary Technology Honours Practicum	This course provides hands-on, advanced training for veterinary technologists. Students will be based in approved, referral veterinary practices or other animal/technical environments (e.g. zoos, research institutes, government agencies). They will work as part of a para-veterinary team in managing clinical or professional caseload and activities, under the guidance of UQ staff and an external preceptor. This Work Integrated Learning approach to training will prepare the student for an advanced level of professional practice, as well as enhancing their employment prospects through acquisition of contextually appropriate skills and competences. Students commencing in Semester 1 full-time enrol in VETS6621 for 2 consecutive semesters. Students commencing in Semester 2 full-time enrol in VETS6622 for 2 consecutive semesters.	Postgraduate Coursework	Semester 1, 2018	Veterinary Science School	1		
Honours Research Project in Veterinary Technology	This course allows veterinary technicians to undertake their own research project under the supervision of an experienced academic. With the help of their supervisor, students will design a study, collect and analyse data and write up their study as a small thesis. They will also present their study as a seminar to their peers and academics. This will provide the student with an appreciation of the research process and the concept of evidence-based medicine that underpins clinical practice. Students also receive training in research skills that enables them to pursue further research study. Students commencing in Semester 1 full-time enrol in VETS6631 for 2 consecutive semesters. Students commencing in Semester 2 full-time enrol in VETS6632 for 2 consecutive semesters.	Postgraduate Coursework	Semester 1, 2018	Veterinary Science School	1		
Critical Thinking and Scientific Writing in Animal and Veterinary Biosciences	The content of the course will depend on the area of study selected and the format of the study negotiated with the Honours advisors. You can expect to study a number of issues as core content which can be presented using one or more teaching methods including but not limited to, lectures, seminars, group discussions, case studies, collating and reviewing the literature and other self directed learning.	Postgraduate Coursework	Semester 1, 2018	Veterinary Science School	2		

Advanced Veterinary Topic III	The content of the course will depend on the area of study selected for the research project. You can expect to study a number of issues as core content which can be presented using one or more teaching methods including but not limited to, lectures, seminars, group discussions, case studies, collating and reviewing the literature and other self-directed learning.	Postgraduate Coursework	Semester 1, 2018	Veterinary Science School	2		
Digestion, Metabolism & Nutrition	Anatomy of the oral cavity, gastro-intestinal tract, liver & pancreas. Cellular, organ & whole body regulation of carbohydrate, lipid & amino acid metabolism in mammals. Elimination of waste products. Nutrient-endocrine & nutrient-gene interactions. Food & feed composition & nutritive value. Development, sites & mechanism of digestion & absorption in different species, diet & nutrient profiles for tissue use.	Undergraduate	Semester 2, 2018	Chemistry & Molec Biosciences	1		
Professional Studies for Veterinary Technology	An introduction to a range of written and oral professional communication skills, including the importance of the human-animal bond, research applications of legislation relevant to the animal industries; examination & evaluation of ethical standards. Evaluation of industry & professional organisations & their roles.Management of the day to day operations of a business focusing on policies and procedures, organizational structure, and recruitment processes. Career preparation and planning will also be included. As well as, introductory clinical content that will assist students in preparing for Extra Mural Studies (EMS) and as a prelude to the clinical courses in Year 2 of the Veterinary Technology program.	Undergraduate	Semester 2, 2018	Veterinary Science School	1		
Veterinary Professional Foundations	This course provides a general introduction to the veterinary profession, to evidence-based veterinary medicine and to research skills for veterinary scientists and addresses a range of foundational topics that underpin the skills, knowledge and values of veterinarians.	Undergraduate	Semester 1, 2018	Veterinary Science School	1		
Functional Anatomy of Locomotion and the Integument	Structure & functional anatomy & physiology of movement & locomotion in domestic animals. The gross & histological structure & function of the equine and bovine hoof.	Undergraduate	Semester 2, 2018	Veterinary Science School	1		

Animal Management for Veterinarians	This is a foundation course in the BVSc training programme. It will provide students with the underpinning knowledge and understanding of the behaviour and husbandry of domestic and non-domestic animals commonly attended by veterinarians. The course also introduces students to key concepts in animal welfare, particularly as it relates to animal management. Students will gain the required skills to enable them to competently handle and restrain common domestic animal species. After completing this training students will have the essential knowledge, understanding and skills required for them to successfully complete their preclinical extramural studies placements.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		
Animal and Veterinary Biology	An overview of the diversity of living organisms with emphasis on relevance to the study of animal and veterinary science, leading to an introduction to the form and function of vertebrate body systems.	Undergraduate	Semester 1, 2018	Agriculture Food Sciences Schl	1		
Animal Health Technology	A contextual approach to animal health technologies with a focus on small animal species including laboratory animals and exotic pets. The emphasis will be on the role of the Veterinary Technologist in the disciplines of medicine and surgery (wound management, infection control, preventative medicine, clinical examination, behaviour, nutrition). Principles of immunology, serology, virology, and gene technology applicable to animal health technologies will be included.	Undergraduate	Semester 1, 2018	Veterinary Science School	1		
Principles of Disease I	The natural history of disease & chain of infection. Disease ecology, including an overview of host factors & environmental factors, as well as agents of disease (parasites, bacteria, fungi & viruses).	Undergraduate	Semester 1, 2018	Veterinary Science School	1		
Principles of Disease II	A gross, microscopic & molecular perspective on how hosts respond to disease agents, & the outcomes of the disease process; general pathology & immunology.	Undergraduate	Semester 2, 2018	Veterinary Science School	1		
Veterinary Reproduction	A comparative approach to reproductive anatomy & physiology with emphasis on species considered of veterinary importance; The practical/clinical significance of structures & endocrine interactions; purposes, benefits & methods of manipulating reproduction with emphasis on current production & breeding management systems.	Undergraduate	Semester 2, 2018	Veterinary Science School	1		

Structure and Function I	Anatomy & physiology of cardiovascular, respiratory, lymphatic & nervous systems of production & other animals; pain & behaviour neurobiology.	Undergraduate	Semester 1, 2018	Veterinary Science School	1		
Structure and Function II	Anatomy & physiology of urinary & endocrine systems, with integrative physiology, comparative, applied & topographic anatomy of domestic animals.	Undergraduate	Semester 2, 2018	Veterinary Science School	1		
Comparative Structure and Function for Animal Biosciences	This course offers an introduction to fundamental concepts and foundational knowledge and skills relating to the structure (anatomy) and function (physiology) of animals. It will provide practical skills and knowledge in anatomical and physiological methodology. Although organ systems? structure and function will not be covered in depth, students will be introduced to these systems from an integrative, evolutionary and comparative perspective. Whole of organism physiological concepts (e.g. homeostasis) will be introduced and extrapolated from earlier cell biology training. Mechanisms of functional integration and control will be described, particularly those relating to the nervous and endocrine systems, as well as immunological aspects of the normal animal. Elements of comparative body plans, topographical anatomy and developmental biology will also be introduced.	Undergraduate	Semester 1, 2018	Veterinary Science School	1		
Laboratory Animal Science	This course will give students an introduction to a broad range of laboratory animal models used in biomedical research, and a solid foundation in laboratory animal management, husbandry, experimental techniques and manipulations. Whilst emphasis will be given to classical animal models, the course will include the full range of experimental animal options, including genetically modified animals and non-mammalian species. The ethics and welfare implications of animal model use and confounders in experimental results will also be dealt with.	Undergraduate	Semester 1, 2018	Veterinary Science School	1		
Small Animal Health	This course covers foundational pathology and clinical pathology of small animals, and relevant aspects of common diseases affecting core body systems.	Undergraduate	Semester 1, 2018	Veterinary Science School	1		

Infectious Diseases	Applied veterinary aspects of infectious disease (microbiology), including the pharmacology of anti-microbial & anti-parasitic drugs. Integration of all infectious diseases into a clinical setting. Students must enrol in VETS3010 for both semesters.	Undergraduate	Semester 2, 2018	Veterinary Science School	2		
Animal Therapeutics	Defines the different classes of drugs/chemicals/physical agents & describes their actions, practical applications, side effects, contra-indications & dosage regimen. VETS3017 will replace VETS2020 from 2016 onwards.	Undergraduate	Semester 1, 2018	Veterinary Science School	1		
Large Animal Health & Management	Husbandry, health & nutrition of farm animals including common diseases & how farm management impacts on disease.	Undergraduate	Semester 1, 2018	Veterinary Science School	1		
Veterinary Laboratory Diagnostics for Veterinary Technologists	This course provides a hands-on experience of laboratory techniques, with a focus on diagnostic pathology and infectious diseases of small, large and exotic animals. Participants will have the opportunity to work in a laboratory, to prepare specimens for pathological analysis, to acquire skills for the basic interpretation of diagnostic samples, to effectively operate with equipment and instruments commonly used in diagnostic pathology and infectious diseases, and to prepare and manage cytologic, haematologic and clinical chemistry samples.	Undergraduate	Semester 2, 2018	Veterinary Science School	1		
Veterinary and Animal Enterprise Business Fundamentals	This course aims to develop an understanding of the basic fundamentals of business management, so that students can appreciate how these principles impact upon the way veterinarians operate in private practice. In addition, students will explore the application of business fundamentals to enhance the delivery of veterinary services to animal enterprise clients. Completion of preclinical extramural placements on animal enterprises is an important component of the course.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		

Mechanisms of Animal Disease	This course outlines the various agents and initiators of disease in animals and how they respond at the organismal, tissue, cellular and molecular levels. It describes pathological processes associated with infectious and/or toxic insults, as well as homeostatic imbalances (e.g. metabolic or nutritional diseases) and other general forms of pathology, e.g. neoplasia, inflammation. Students will develop skills in microscopic and gross inspection of animals and their tissues to describe and classify types of disease. Immunological and other host mechanisms for disease resistance and response will also be discussed.	Undergraduate	Semester 2, 2018	Veterinary Science School	1		
Surgical Principles and Practices	This course aims to provide information and experiences that will prepare students for a support role in veterinary clinical practice by providing theory and practical skills in the fields of small animal and This course will develop student knowledge, skills and expertise essential for successful performance of veterinary technologists in the fields of small animal and equine clinical practice. Emphasis will be placed on medicine, anaesthesia, radiography and surgery pertaining to the veterinary technician.	Undergraduate	Semester 2, 2018	Veterinary Science School	2		
Preparation for Professional Practice	The purpose of VETS3044 Preparation for Professional Practice is to assist in the transformation from veterinary technology student to practicing veterinary technologist in many fields. It is a requirement of enrolment in VETS3044 that a student must have successfully completed their 30 days EMS. Within this subject the students must attain a high professional standard in veterinary technology. This course involves the practical application of skills and knowledge in medicine, surgery, companion animals and exotics. The students will have a 6 week clinical/industry placement where they will actively participate in the daily operations of their chosen placement facility. This placement could take place in any approved veterinary related field, including but not exclusive to: veterinary practice, biosecurity, biomedical research, diagnostic laboratories, or nutrition industry. This course is very demanding and requires students to be fully and actively involved in discussions, tutorials and practical classes.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		

Veterinary Pharmacology, Therapeutics and Toxicology	This course provides training in veterinary pharmacology and toxicology on a body systems basis, i.e. how exogenously derived chemical agents affect various organ systems and animals as a whole. It develops students understanding of pathophysiological and pharmacological principles involved in actions of these chemicals, before moving on to developing skills in the applied and/or therapeutic aspects of this information, including routes of delivery and practical application. This will include therapeutics and introductory anaesthesia training as a prelude to clinical medicine, and dose calculations, fluid therapy and acid-base therapeutics.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		
Veterinary Systems Pathology and Medicine	Students will learn the stereotypical ways in which each of the body systems respond to insult and examples of prototype veterinary diseases. For each body system, they will learn how these stereotypical responses manifest clinically, how to perform a clinical exam and how to choose and interpret clinical and laboratory tests in a body system focused diagnostic approach.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		
Veterinary Clinical Principles	Veterinary clinical practice encompass a broad range of skills required to be a successful veterinary practitioner and to proceed to the clinical years of the BVSc program. Broadly, this course will provide essential introductory training in both clinical approach and reasoning, as well as practical clinical skills. Students will develop skills in physical examination of different species, foundational clinical skills in radiography, radiology, surgery and anaesthesia, critical thinking and problem solving skills, the problems-based approach to clinical practice, and veterinary medical ethics and animal welfare and their application to clinical decision making.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		

Veterinary Clinical Transition	Veterinary clinical practice encompass a broad range of skills required to be a successful veterinary practitioner and to proceed to the clinical years of the BVSc program. Broadly, this course will provide essential introductory training in both clinical approach and reasoning, as well as practical clinical skills. Students will develop foundational clinical skills in radiography, radiology, surgery and anaesthesia, critical thinking and problem solving skills, the problems-based approach to clinical practice, and their application to clinical decision making.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		
Companion Animal Clinical Studies	Principles of clinical practice for companion animals (ie, dogs, cats, birds, exotic animals, and urban wildlife), including the problem-orientated diagnostic apprach, evidence-based medicine, principles of surgery, anaesthesia, diagnostic imaging, & therapeutics (fluids, corticosteroids, NSAIDS, antibiotics, etc). Following this introductory section, the course will cover species-specific medicine and surgery using a clinical presentation approach, and will incorporate medicine, therapeutics, diagnostic imaging, surgery, obstetrics, behavioural problems and applied nutrition on a species basis.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		
Intensive Livestock Medicine	The role of the veterinarian in optimising animal health and production in intensive animal industries such as pig production, poultry production & aquaculture.	Undergraduate	Semester 2, 2018	Veterinary Science School	1		
Equine Clinical Studies	In this course, students develop skills in all branches of equine medicine, surgery and reproduction. This includes competence in the normal clinical procedures used in equine practice and an understanding of the scientific basis and case-based diagnostic approach for such procedures. Topics include: management and diseases of broodmares, stallions, and neonates, wound healing, colic and gastroenterology, opthalmology, respiratory syndromes, urological syndromes, orthapaedics, lameness and laminitis, neurology, dermatology and dentistry.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		

Theriogenology: Clinical Reproduction, Obstetrics and Neonatology	Theriogenology is the study of clinical practice of veterinary obstetrics, gynecology, and andrology and neonatal medicine in animal species. This course will build on basic reproduction and teach applied concepts used in veterinary practice. Students will learn breeding management of the male and female, pregnancy diagnosis in all species, care of pregnant animals as well as management of parturition and dystocia, and aspects of neonatal medicine. Students will also learn how to diagnose sub-fertility in male and female animal species. Advanced reproductive techniques such as preservation of semen, IVF, synchronization, embryo transfer and stem cell technologies will also be introduced.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		
Ruminant Medicine and Surgery	This course aims to provide core competences in medicine and surgery of cattle, sheep, goats and camelids. By building on previous knowledge in animal husbandry, infectious disease, biosecurity, reproduction, and surgical techniques, students will become competent in core principles of veterinary treatment of large and small ruminant species. This course will also incorporate advanced animal management and herd medicine concepts that are critical for treatment of large groups of animals in a farm setting.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		

Veterinary Population Medicine	Population medicine involves understanding how animal health and disease is managed at a group, rather than an individual animal, level. The course will introduce students to core concepts and develop clinical skills in how populations of animals are managed with respect to diagnostic investigations, disease surveillance, outbreak investigation, diagnostic workup, statistical analysis of animal health datasets obtained on a group level, mass therapy, and preventive health programs. Foundational diagnostic, epidemiological and research skills will be applied to clinical case scenarios to develop students competences in problem solving and application of specific medical knowledge. Scenarios will be based on intensive livestock production sectors such as swine and poultry production, aquaculture and other animal populations. The same skills and knowledge will be applied to human populations with respect to managing zoonotic and emerging infectious diseases, as well as protecting the food chain through training in food security and safety, using principles of One Health practice.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		
Veterinary Public Health and Pathology	Students' knowledge and skills in microbiology, epidemiology, veterinary medicine, pathology, livestock production and welfare are applied to human health and environmental protection. The course provides a basic understanding of zoonotic diseases and food security that can be built upon by both the practising clinical veterinarian and for those intending to develop a career in One Health. The Applied Diagnostic Pathology component develops and enhances students' knowledge and applied skills in performing thorough gross necropsies, selecting appropriate specimens for diagnostic testing, and investigating and understanding pathological processes such that a diagnostic plan and outcome are achieved.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		
Equine Clinics	Intra-mural clinical practical work in equine medicine and surgery.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		

Clinical Veterinary Elective	Development of clinical and research skills through understanding the principles of translating a clinical case (problem) to a well-structured clinical question to search and systematically evaluate the evidence found in relevant literature pertinent to the case, in particular during clinical practical work in one of a number of clinical disciplines.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		
Research Veterinary Elective	Implementation and presentation of a research project in an area of veterinary science, with emphasis on defining the research issue, undertaking research techniques, undertaking appropriate analysis of data and drawing defensible conclusions, writing up results in a format suitable for submission for publication, and presentation as an oral abstract.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		
Rural Veterinary Practice - Livestock Medicine	Students develop their clinical skills in rural veterinary practice, with an emphasis on livestock medicine, through participation in the clinical activities of the School's clinical facilities. There is a focus on both individual animal and flock/herd health.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		
Veterinary Anaesthesia, Diagnostic Imaging and Emergency and Critical Care	Students develop their clinical reasoning and technical skills in the practice of veterinary anaesthesia/analgesia, diagnostic imaging and emergency and critical care of both small and large animals, by participating in activities within the School of Veterinary Science?s clinical facilities.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		
Veterinary Professional Practice	The professional roles and responsibilities of veterinarians to animals, clients and the community, and to their profession. In this course, students also undertake extramural clinical placements and reflect on their development as clinicians during these placements.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		
Small Animal Clinics	Students develop their clinical skills in the practice of small animal and fauna medicine and surgery through participation in activities of the School's clinical facilities and in its partner practices.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		
Clinical Veterinary Elective	Development of clinical and research skills through understanding the principles of translating a clinical case (problem) to a well-structured clinical question to search and systematically evaluate the evidence found in relevant literature pertinent to the case, in particular during clinical practical work in one of a number of clinical disciplines.	Undergraduate	Semester 1, 2018	Veterinary Science School	1		

Veterinary Anaesthesia and Radiology	Students develop their clinical skills in the practice of anaesthesia, radiology and intensive care of both small and large animals through participation in activities of the School's clinical facilities.	Undergraduate	Semester 2, 2018	Veterinary Science School	1		
Advanced Veterinary Topic I		Postgraduate Coursework	Semester 2, 2018	Veterinary Science School	1		
Honours Research Project in Animal and Veterinary Biosciences	Design, implementation and presentation of research project relevant to student's program of study, with emphasis on defining the research issue, establishing methodology, undertaking appropriate collection and analysis of data and drawing defensible conclusions. Students commencing in semester 1 full-time enrol in VETS6618 for 2 consecutive semesters; part-time students enrol in VETS6626 for 4 consecutive semesters. Students commencing in semester 2 full-time enrol in VETS6619 for 2 consecutive semesters; part-time students enrol in VETS6627 for 4 consecutive semesters.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		
Honours Research Project in Animal and Veterinary Biosciences	Design, implementation and presentation of research project relevant to student's program of study, with emphasis on defining the research issue, establishing methodology, undertaking appropriate collection and analysis of data and drawing defensible conclusions. Students commencing in semester 1 full-time enrol in VETS6618 for 2 consecutive semesters; part-time students enrol in VETS6626 for 4 consecutive semesters. Students commencing in semester 2 full-time enrol in VETS6619 for 2 consecutive semesters; part-time students enrol in VETS6627 for 4 consecutive semesters.	Undergraduate	Semester 1, 2018	Veterinary Science School	2		
Advanced Veterinary Topic II	The aims of this course are to provide students with a solid theoretical knowledge of veterinary systems pathology, including an understanding of the pathophysiology, cause and morphologic changes associated with veterinary disease and injury of organ systems. The application of this theoretical knowledge will allow students to diagnose and prognose common and important diseases in domestic animals.	Postgraduate Coursework	Semester 1, 2018	Veterinary Science School	1		

Honours Research Project in Animal and Veterinary Biosciences	Design, implementation and presentation of research project relevant to student's program of study, with emphasis on defining the research issue, establishing methodology, undertaking appropriate collection and analysis of data and drawing defensible conclusions. Students commencing in semester 1 full-time enrol in VETS6618 for 2 consecutive semesters; part-time students enrol in VETS6626 for 4 consecutive semesters. Students commencing in semester 2 full-time enrol in VETS6619 for 2 consecutive semesters; part-time students enrol in VETS6627 for 4 consecutive semesters.	Undergraduate	Semester 2, 2018	Veterinary Science School	1		
Graduate Research Project III	Design, implementation and presentation of a research project in the area of veterinary pathology and infectious disease, approved by the course coordinator with emphasis on defining the research issue, establishing methodology, undertaking appropriate analysis of data and drawing defensible conclusions. Students completing the course in two semesters must enrol in VETS7618 (Semester 1 and 2) if commencing in semester 1 or VETS7619 (semester 2 and semester 1 of the following year) if commencing in semester 2.	Postgraduate Coursework	Semester 1, 2018	Veterinary Science School	2		
Graduate Research Project III	Also available as a semester course - VETS7617 or as a whole year course commencing in sem 1 - VETS 7618.	Postgraduate Coursework	Semester 2, 2018	Veterinary Science School	1		
Veterinary Diagnostic Laboratory Techniques	This course provides a hands-on experience of laboratory techniques, with a focus on diagnostic pathology and infectious diseases of small, large and exotic animals. Participants will have the opportunity to work in a laboratory, to prepare specimens for pathological analysis, to acquire skills for the basic interpretation of diagnostic samples, to effectively operate with equipment and instruments commonly used in diagnostic pathology and infectious diseases, and to apply clinical pathology knowledge to the analysis and interpretation of cytologic, haematologic and clinical chemistry samples.	Postgraduate Coursework	Semester 2, 2018	Veterinary Science School	1		

Diagnostic Pathology	The course provides advanced training in the pathological investigation of disease, including necropsy technique, histopathology & cytology. Students will participate in the work up of cases submitted to the Diagnostic Pathology Unit.	Postgraduate Coursework	Semester 1, 2018	Veterinary Science School	1		
WASH: water supply, sanitation and hygiene	The Water Supply and Sanitation course provides students with engineering principles and tools for designing and operating water and sanitation systems in developing country contexts. Key topics include water quality parameters; groundwater and surface water treatment; water treatment process technologies; nutrient removal; key principles of Ecological Sanitation; simplified sewerage; decentralised water and sanitation systems; biosolids management; and operation and maintenance of water supply and sanitation infrastructure. Due attention is also given to non-engineering aspects of water and sanitation systems, including tools for demand creation and management and cost-benefit analysis of options. A parallel Integrated Water Management project will run through the semester which will develop skills that complement the content delivered in the 2 co-requisite course (WATR7100 and WATR7300) and the co-electives offered in semester 2 -WATR7600, WATR7700, WATR7900 and in the summer semester WATR7200 or WATR7800..	Postgraduate Coursework	Semester 2, 2018	Chemical Engineering School	1		
Virtual Exchange - Summer Semester	Course to be used for Summer Semester enrolments for domestic virtual exchange students.	Undergraduate	Summer Semester, 1	Communication & Arts School	1		
Academic English & Thesis Writing for International Students	This course is for postgraduate students who are speakers of English as a second language. It seeks to develop writing competence in academic English at the postgraduate level, and it is especially aimed at students who are planning on writing extended research papers and theses. Students will review articles relevant to their research in order to understand the writing conventions of their own discipline. They will work to develop skills in research writing, and work towards the completion of a long paper that can be used as a journal article or a thesis chapter.	Postgraduate Coursework	Semester 1, 2018	Languages & Cultures School	2		
Writing Creative Non-Fiction and Memoir	This course will provide students with the skills and knowledge necessary to research, develop and write short creative non-fiction and short memoir.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	1		

Writing the Novel	Introduces students to the art and techniques of short-form narrative prose fiction.	Postgraduate Coursework	Semester 2, 2018	Communication & Arts School	1		
Research Techniques	Research skills needed for undertaking writing, editing and publishing projects.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	1		
Publishing and Professional Practice	Overview of the contemporary global publishing industry and book culture, with a particular emphasis on the Australian publishing industry.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	1		
Writing for International Students	For undergraduate students who use English as a second language. Teaches the argumentative essay, focusing on developing and structuring an argument, critical thinking and analysis, and using sources.	Undergraduate	Semester 1, 2018	Languages & Cultures School	2		
Fundamentals of Academic Writing	This course covers the fundamentals of reading, writing and critiquing as an academic.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
English Grammar and Style	Learn key concepts and strategies in grammar and style to help enhance your writing and confidently respond to the demand of high levels of literacy in the 21st century. This course is only available to students in the Virtual Exchange Program.	Undergraduate	Semester 1, 2018	Communication & Arts School	2		
Creative Writing: Narrative Fiction	Introduces students to creative writing and narrative through the art and techniques of short-form narrative prose fiction.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Writing Creatively	WRIT1200 introduces the fundamentals of creativity, writing and storytelling for communication professionals and media producers.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Effective Thinking and Writing	This course is designed to develop the skills in gathering and assessing evidence, constructing arguments or interpretation, and presenting their findings in an effective way.	Undergraduate	Summer Semester, 2	Historical & Philosophical Inq	1		
Writing & Editing for the Professions	Written communication remains a fundamental aspect of work in all professions. Despite the rise of digital alternatives, effective writing is still a vital skill for anyone seeking employment in the 21st century workplace. This course covers key theoretical principles and practical applications of writing in a corporate environment.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		

Creative Writing: Genre Fiction	This course considers the kinds of fiction that are usually described as "genre"or "popular" works. It provides a practice-led exploration and analysis of a range of significant genre texts and techniques. The emphasis is on the genre novel, and students will be asked to workshop a synopsis and write an opening chapter in a genre of their choosing. Students will also consider the theory of genre fiction, and how genres operate in the literary marketplace.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Creative Writing: Poetics	This creative writing course studies techniques of poetic expression and develops writing skills and an appreciation of language aesthetics.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Creative Writing: Screenwriting	This course will introduce students to the basic skills of feature film screenwriting.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Writing: Grammar, Syntax, and Style	This course presents contemporary grammatical and stylistic concepts and strategies that will enhance students' ability to revise and edit their writing.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Writing: Advanced Project	In this compulsory capstone course students consolidate and deploy writing skills first encountered in other courses in the major in order to complete a significant short work in a genre of their choice.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Creative Writing: Non-Fiction	Introduces the skills for and practices of writing creative non-fiction including life writing, travel writing, the personal essay and non-fiction story-telling.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Reflective Writing: Documenting the International Experience	This course will cover theoretical principles and practical applications of self-reflection and reflective writing in the context of a significant international travel and study experience. An understanding of various genres to report on the overseas experience will inform this self-reflective process. By providing a grounding in the fundamentals of reflection and narrative travel writing, it aims to equip students with the skills to document their experience and to enable them to write a publishable narrative travel article after they return to the University of Queensland. Students complete Part A as external web-based and have a choice to complete Part B as internal St Lucia or via flexible delivery.	Undergraduate	Semester 1, 2018	Communication & Arts School	1		
Writing Ancient History	An exploration of documentary, analytical and narrative forms of writing typically encountered and used by ancient historians.	Undergraduate	Semester 1, 2018	Historical & Philosophical Inq	1		

History in Action	This capstone course is designed to give third year history students a thorough grounding in researching, writing and presenting a finished historical 'product' for a specified audience. The audience may be viewers of an exhibition created by a library or museum, readers of a popular magazine, users of a historical website, or school students. Close attention is paid to the quality of written expression and the ability of students to prepare visually engaging materials for a broad audience of readers/viewers. The final product can be presented to a potential employer as an example of the student's ability as a professional historian.	Undergraduate	Semester 2, 2018	Historical & Philosophical Inq	1		
Publishing, Editing, and Authorship	This course is situated within the frameworks of publishing studies and creative writing. It prepares students for careers as authors, editors, and publishers: by introducing them to current professional practices and conditions of authorship; by developing fundamental skills at all levels of editing; and by exploring contemporary print and digital publishing practices and processes.	Undergraduate	Semester 2, 2018	Communication & Arts School	1		
Academic & Corporate Editing	This course will extend the grounding in the fundamentals of grammar, syntax, and style that are dealt with in WRIT6030 or WRIT7030 Professional Communication.	Postgraduate Coursework	Semester 2, 2018	Communication & Arts School	1		
Professional Communication	This course covers key theoretical principles and practical applications of communicating in the professional workplace. Topics include structuring and designing for readers on paper and online; creating credibility at word, sentence, paragraph, and document levels; revising, editing, and proofreading professional documents; and the influence of digital technologies on professional writing and editing.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	1		
Industry Internship	This course allows student to undertake an internship and related work-integrated learning, or a research project on a topic decided in consultation with the course coordinator.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	2		

Individual Project	Students will choose an individual project, in consultation with the course coordinator, that relates to Writing, Editing, and Publishing. The project can be a traditional scholarly project, creative practice as research, a work-integrated learning project, or some other innovative project as approved by the course coordinator. There is no prescribed syllabus or formal teaching.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	2		
Fiction, Ideas, Creativity	This course will provide students with the skills and knowledge necessary to research and develop fiction across a range of genres. The emphasis is on understanding creative practice, thoughtful gathering of source material, synthesising ideas, and writing and editing a substantial piece of fiction.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	1		
Writing about the Arts	This course is designed for students who wish to develop the advanced writing skills and rhetorical strategies requisite for publishing in the role of cultural reviewer.	Postgraduate Coursework	Semester 2, 2018	Communication & Arts School	1		
Editing the Manuscript	This course will provide an overview and grounding in principles, processes, and practices required for editing manuscripts in the commercial publishing industry.	Postgraduate Coursework	Semester 2, 2018	Communication & Arts School	1		
Special Research Topic in Writing, Editing & Publishing	Substantial individual research project in Writing, Editing & Publishing. Open to students who have demonstrated an outstanding capacity for research in the WEP core courses.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	1		
Special Research Topic in Writing, Editing & Publishing	Substantial individual research project in Writing, Editing & Publishing. Open to students who have demonstrated an outstanding capacity for research in the WEP core courses.	Postgraduate Coursework	Semester 2, 2018	Communication & Arts School	1		
Writing and Publishing for Children and Young Adults	This course considers the vibrant segment of the trade publishing market that is children's and young adult writing, both from the perspective of the publishing professional and the creative writer. While the conditions of publishing have seen considerable disruptions and reconfigurations since the turn of the 21st century, the children's and young adult market has remained reliably significant in both economic and artistic terms. The course will consider the ways in which writing for children and young adults may differ from writing for other audiences; the particular ways in which these texts are produced, marketed, and circulated; and how authors and publishers relate to younger readers.	Postgraduate Coursework	Semester 2, 2018	Communication & Arts School	1		

Dissertation	A supervised dissertation (10,000 - 12,000 words) on a writing, editing, and publishing topic. Students must have completed, or be concurrently enrolled in, WRIT7005 Research Techniques, and have a minimum cumulative GPA of 5.5. Enrolment in this course requires departmental permission and is subject to the availability of an appropriate supervisor. WRIT7110 is for part-time students commencing in semester 1. WRIT7120 is for part-time students commencing in semester 2.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	2		
Dissertation	A supervised dissertation (10,000 - 12,000 words) on a writing, editing, and publishing topic. Students must have completed, or be concurrently enrolled in, WRIT7005 Research Techniques, and have a minimum cumulative GPA of 5.5. Enrolment in this course requires departmental permission and is subject to the availability of an appropriate supervisor. WRIT7110 is for part-time students commencing in semester 1.	Postgraduate Coursework	Semester 2, 2018	Communication & Arts School	2		
Dissertation	FOR STUDENTS IN THE MASTER OF WRITING, EDITING AND PUBLISHING: A supervised dissertation (10,000 - 12,000 words) on a writing, editing, and publishing topic. Students must have completed, or be concurrently enrolled in, WRIT7005 Research Techniques, and have a minimum cumulative GPA of 5.5. FOR STUDENTS IN THE MASTER OF COMMUNICATION: A supervised dissertation (10,000 - 12,000 words) on a communication for social change or a public relations/professional communication topic. Students must have completed the Communication Research Methods course (COMU7292) with a minimum grade of 5 and achieved a cumulative GPA of 5.5. Enrolment in this course requires departmental permission and is subject to the availability of an appropriate supervisor. WRIT7110 is for part-time students commencing in semester 1.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	1		
Advanced Writing: Grammar, Syntax and Style	This course presents contemporary grammatical and stylistic concepts and strategies that will enhance students' ability to revise and edit their writing.	Postgraduate Coursework	Semester 1, 2018	Communication & Arts School	1		

Advanced Research Methods	A practical course designed to help postgraduate students arrive at a workable thesis plan, & a comprehensive knowledge (& some experience) of the resources available to them to pursue it. It covers the thesis as a type of writing, project planning, time management, information retrieval, & professional skills.	Postgraduate Research	Semester 1, 2018	Communication & Arts School	2		
Special Topics in Finance 2	Special topics are offered by academic staff or distinguished visitors. Topics may vary each semester. Travel may be required off campus.	Postgraduate Research	Semester 2, 2018	Business School	1		
Higher Doctorate Published Work	Candidates accepted for the Doctor of Medicine must enrol for one semester before submission of their published work for examination	Postgraduate Research	Semester 2, 2018	Medicine Faculty	1		
Doctoral Colloquium B	NOT 2011 This colloquium has the twofold purpose of: (1) Introducing candidates to leading models of theological reflection; & (2) Offering a forum in which candidates can receive support & critique in relation to their thesis work.	Postgraduate Research	Summer Semester, 1	Historical & Philosophical Inq	1		
Research Studies (Part-	Course for part-time research students.	Postgraduate	Semester 1, 2018	Uni Queensland Grad School	2		
Total Undergraduate Courses							**2006**
Total Postgraduate Courses							**1426**
Total Courses							**3432**