

Title	Synopsis	Outcomes
AZA1326	This unit presents an introduction to globalisation and its economic, cultural, and political implications. It includes an examination of the effects of globalisation on states, societies and the environment, from an African perspective.	['Recognise the major debates surrounding globalisation and its likely development;', 'Understand the potential impacts of globalisation on Africa;', 'Demonstrate sound oral and written communication skills;', 'Understand and develop critical thinking and analytical skills.']
LAW4126	This unit is designed to examine contemporary issues in the Asian legal systems. It will examine the Asian perspectives on the rule of law, the court reform, constitutionalism, security and human rights, legal pluralism, corruption and the issue of law and development. Students in this subject will gain a comparative overview of the legal systems of Indonesia, Malaysia and Singapore, with reference to other Asian countries as appropriate.	['demonstrated an advanced knowledge of the main and current issues of the Asian legal systems;', 'identified and articulated complex legal issues in which economic, political, cultural and ethical values shape the development of law in Asia;', 'articulated and critically compared aspects of Asian law and legal institutions with Australian counterparts;', 'recognised and reflected on how Australian lawyers might adapt when dealing with Asian legal institutions and legal professionals.']
ATS3677	The size of Australia and its long history of human inhabitation have produced considerable linguistic diversity, although its languages generally share similar phonologies, cognate words, and recurrent patterns of meaning. In its overview of phonology, morphology, syntax and semantics, this unit will examine what structural features can be considered typical of Australian languages, and how/whether these can be related to typical features of Australian cultures. It will also examine the present sociolinguistic status of Australian aboriginal languages, bilingualism and the role of linguistics in language maintenance and revitalization.	['Describe key features of the phonology, morphology, syntax, and semantics of Australian Aboriginal languages, and identify such features in a number of different Aboriginal languages.', 'Explain some of the key theoretical issues regarding the structure of Aboriginal languages.', 'Discuss relevant sociolinguistic issues including language status, bilingualism and the role of linguistics in language maintenance and revival and the implication of these for language education and planning.\n\nMore generally students are expected to develop their abilities to:', 'Read critically.', 'Use analytic and interpretive skills in dealing with language data.', 'Assess evidence supporting various theories and thereby evaluate these theories.', 'Present logical, coherent arguments both orally and in writing.']

APG4248	<p>The unit involves an international field trip to Monash Malaysia and provides students with formal and applied training in qualitative and ethnographic field research methods. The unit consists of a two week (16 day) stay in Malaysia. This includes a field site visit, in which students will work with the Australian-based unit coordinator, local staff members from the School of Arts and Social Sciences (Monash Malaysia) and the Southeast Asian Community Observatory (SEACO) to conduct small-scale research projects, gather data in the field, analyse, and present their findings. Students also spend time at Monash Malaysia Sunway campus at the start and end of the field trip, with briefings and introductory presentations by academic staff, and data analysis and debriefing workshops at the end. In this briefing, students also learn about the socioeconomic and development context of Malaysia and the districts in which they will conduct their research. They will engage with the ethical issues of field research in regional Malaysia. Students also learn about the aims, objectives and research methods of the research platform in which their field project is situated.</p>	<p>[an understanding of some of the key sustainable development issues facing communities in regional and rural Malaysia;], 'an understanding of the ethical dimensions of community-based research in Malaysia, including those issues particular to the research setting or platform of their field project (i.e. SEACO or other research program);', 'formal training in qualitative and ethnographic research methods;', 'field experience of developing a research question, designing appropriate research field methods, gathering data, and analysing that data;', 'experience of working with field interpreters, and working in complex cross-cultural settings;', 'experience of communicating in a presentation and written report the significance, design and findings of a small-scale research project.']</p>
AVM5002	<p>Understanding the various hazards to human health which are unique and specific to the aviation environment is crucial in developing countermeasures to protect humans from the adverse health effects of such exposures.</p>	<p>['Recognise, assess, and evaluate the level of exposure and assess the degree of risk to health from workplace and environmental hazards as it relates to the aviation industry', 'Summarise the physical, chemical and radiation hazards in the aviation environment', 'Identify and describe the hazards unique to the aircraft cabin environment and ways to mitigate the consequences of exposure', 'Evaluate the assessment of fitness to fly of passengers and the risks and challenges involved in the provision of inflight medical care', 'Critically review the risks of communicable disease transmission during air travel and how those risks are managed', 'Provide informed advice on appropriate control measures for aviation hazards in workplace and the community']</p>
PAR1032	<p>This unit will deliver a structured introduction to public health and the Australian healthcare system. This introduction will address contemporary public health principles and practices including key concepts such as population health, social determinants of health, and the core roles and functions of public health systems, policies and programs. Students will gain a preliminary knowledge of the organisation, current policies and policy debates, funding arrangements and emerging trends in healthcare practice.</p>	<p>['Describe the principles underpinning public health practice.', 'Discuss how behavioural, social, cultural, environmental and political determinants contribute to health outcomes.', 'Describe the components and organisation of the Australian healthcare system.', 'Discriminate between policies which inform, and the arrangements which fund, the Australian healthcare system.', 'Distinguish between the current policy debates and service models relevant to the current Australian healthcare system.', 'Identify the inter-sectorial and multi-disciplinary components of the Australian healthcare system and compare healthcare practices.']</p>

GRS4101	This unit provides students with a theoretical background to reproductive endocrinology. Information about the general organisation and regulation of the reproductive endocrine system will be taught including hormones produced by the pituitary, hypothalamus, ovary and testis and their respective interactions, regulation and mode of action.	['Outline the anatomical and chemical components of the reproductive endocrine system', 'Explain the role of hormones produced by the pituitary, hypothalamus, ovary and testis and their interactions, regulation and mode of action', 'Describe and contrast the cell cycles via mitosis and meiosis', 'Apply different strategies to communicate fundamental principles of reproductive endocrinology', 'Demonstrate skills in reflective analysis']
MGX2700	Project management for small to medium enterprises introduces the essential concepts, tools and techniques relevant to project management. The unit content covers the broad perspectives of managerial skills and knowledge required to initiate, implement, and evaluate successful projects. These perspectives include strategic planning, financial control, human resource management, and project evaluation. Throughout the unit, the application of relevant information technology and the pursuit of quality outcomes underpin and reinforce these perspectives.	['explain the key concepts in project initiation including selection, feasibility, and planning', 'identify and demonstrate, with examples, the implementation tasks including the preparation of cost estimates, tasks scheduling and project team leadership and coordination', 'demonstrate methods to control projects and determine the criteria to evaluate projects', 'describe the project completion process', 'apply tools and principles to project management through use of information technology, setting quality standards, risk analysis, and identifying obstacles to project success.']
NUT1101	This unit focuses on developing fundamental scientific knowledge as the basis for nutrition science. This unit introduces you to the chemistry of organic molecules expanding to incorporate the biochemical pathways relevant to nutrient metabolism.	['Demonstrate foundation knowledge of basic sciences to include chemistry, molecular biology, and biochemistry relevant to human nutrition and dietetics', 'Describe the chemistry of atoms and molecules', 'Explain how atoms and molecules interact in chemical reactions and calculate chemical equations (stoichiometry)', 'Describe the chemical and biochemical aspects of biological molecules', 'Classify the main features of eukaryotic and prokaryotic cells (including membranes, organelles and enzymes), and correlate their structures with biological functions', 'Explain the aspects of cellular macronutrient and alcohol metabolism in terms of dietary input and energy release.', 'Explain mechanisms of genetic inheritance and the factors that govern the flow of information from DNA to RNA to protein', 'Demonstrate basic knowledge and skill in laboratory experimentation and in the reporting and collation of experimental data']
SDN3001	Students taking this unit will extend and explore transformational practices in spatial design with an intermediate level of complexity. Two fundamental modules will be explored: the first will be the integrate learning and the second will introduce students to the construction and fabrication of inhabited environments.	['Respond creatively to design briefs of increasing complexity;', 'Investigate relevant concepts and precedents in design discourse and incorporate these into design proposals;', 'Demonstrate the resolution of competing needs during the development of a design proposal;', 'Understand and identify the construction and servicing of spatial design projects and the relevant service principle underpinning these;', 'Independently explore and communicate design schemes and strategies through appropriate modes of representation;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']

AMU1278	This unit introduces the study of communications technologies by focusing on analyses of audiences, effects and technology. Students explore the social uses and practices associated with traditional and new communication technologies. Areas of study include telephony, screen, radio, print, photography and digital communication technology, with a particular focus on aspects of historical development, sociocultural adaptations, and contemporary technological convergence. Unit readings and assessment tasks expect students to discuss these matters in relation to different sociocultural contexts, drawing upon material and case studies from Australia, Southeast Asia, and other relevant areas.	['describe and explain the development of communication technologies\nusing theoretical frameworks and conceptual tools;', 'identify and explain the social and political uses of communications\ntechnologies;', 'recognise and discuss communication as an active production and\nnegotiation of meanings, not just the transmission of information;', 'identify and analyse relations between media texts and technologies,\nthe identities and capacities of producers and audiences, and the\naspirations of governments and other powerful social actors;', 'use reading and note taking skills to develop critical perspectives on communication.']
MEC2401	This unit introduces second year mechanical engineering students to the concepts of time, space, coordinate systems, particles, rigid bodies, forces, work, energy and Newton's Laws of Motion. Students will be taught the fundamentals of kinematics and kinetics of rigid bodies and systems of particles and to carry out dynamic analysis to balance systems with rotating and reciprocating masses. Students will also be introduced to 3-dimensional dynamics of rigid bodies. The fundamentals of mechanical vibration, analysis and synthesis of planar mechanisms and experimental modelling will complete the unit.	['Solve engineering problems involving: displacement, velocity and acceleration, simple vibrating systems of masses, springs and dampers, and analysis of simple engineering mechanisms.', 'Analyse forces, power and energy losses involved in practical engineering applications.', 'Describe engineering solutions in a realistic and logical format using the appropriate units, dimensions and accuracy.', 'Address the fundamentals of kinematics and kinetics of particles and rigid bodies.', 'Quantify dynamically balanced systems with rotating and reciprocating masses.']
MGF5985	Introduction to the field of human resource management. Topics include the strategic role of human resource management, the contribution of HRM to competitive advantage, job design, staffing, performance management, strategic compensation and reward systems, developing employee capabilities and assessment of HRM strategies and practices.	['define the purpose and the range of activities associated with the area of Human Resource Management (HRM)', 'differentiate between models of Personnel and HRM', 'analyse and evaluate the strategic contribution that can be made by the HR function', 'analyse and explain each of the activities normally associated with HRM', 'evaluate the strategic impact of each of the HRM activity areas', 'critically analyse and apply HRM theory and empirical research.']
ATS3679	The unit traces the development of child language from pre-speech to the later stages of acquisition, including the development of communicative competence. It examines the development of the child's phonological, syntactic, morphological and semantic system and attempts to account for this development by considering various linguistic models and theories.	['Demonstrate an understanding of the process of language acquisition;', 'Discuss theories of language acquisition;', 'Describe child language data in terms of its phonological, morph-syntactic, semantic and pragmatic features;', 'Read and understand publications in the area child language acquisition and psycho-linguistic in the linguistic literature.\n\nMore generally students are expected to develop:', 'Critical reading skills;', 'Analytic and interpretive skills in dealing with raw language data;', 'The ability to assess evidence supporting various theories and thereby evaluate these theories;', 'The ability to present logical, coherent arguments, both orally and in writing.']

MEC4802	Sustainable engineering and design with nanomaterials explores the selection, design and characterising of nanomaterials in developing sustainable engineering solutions that are verified using the life cycle assessment tool to enable students to design nanomaterials which are beneficial to the social and economic advancement. Examples include mineral nanotubes, titanium dioxide nanoparticles, carbon nanotubes, polymer nanocomposites, and bionanocomposites. The ability to design nanomaterials are developed through an appreciation of the theory and working principles of various preparation methods and characterisation techniques.	['Describe various properties of natural and synthetic nanomaterials and to be able to relate their structure-property to the processing and performance requirements for sustainable engineering', 'Select and design nanomaterials for use in engineering applications that lead to improvements in their lifecycle analysis', 'Reproduce and design nanomaterials by electrospinning and chemical processing methods', 'Analyse the morphological and structural properties of nanomaterials characterised by scanning electron microscopy, X-Ray diffraction analysis, atomic force microscopy and instrumented impact tester']
MEC6884	Sustainable engineering systems are optimised to use resources in a sustainable way - such that the demand of the systems does not deplete the supply of resources and in fact can contribute to that supply.	['describe how engineering systems are integrated to provide sustainable outcomes', 'identify, analyse and interpret stakeholder needs in terms of sustainable engineering systems', 'evaluate alternates for optimising sustainable engineering systems in terms of performance and cost', 'apply the techniques and considerations relevant to a systems engineer to sustainable systems including examples such as building maintenance, power supply and generation and remotely located infrastructure', 'integrate, design, monitor and perform analysis methodologies to develop systems to meet specified sustainable requirements, including innovative approaches to synthesise alternative solutions', 'engage in regular self-assessment and peer-assessment of individual and team performance as a primary means of tracking continuing professional development']
TAD4541	The topics include simple techniques in information technology and efficient management of bibliographic resources, and extend to discussions of topics such as postmodern theory, difference studies, structuralist theory, post-structural writing, literary criticism, deconstruction, and paradoxes in the histories of otherness. Positivist paradigms of knowledge and research are critically examined for their applicability to the realm of design.	['Be aware of current discourses in a range of disciplines which bear on contemporary design;', 'Be able to pursue critical arguments with a sense of their ideological relativity;', 'Assess the bias of an investigative method, considering gender, class and ethnicity;', 'Understand methodology as a critique of method and be able to practice criticism in their chosen field;', 'Be ready to explain the basis of designs or art works not merely as the outcome of practical constraints but the expression of cultural values.']

OCC3062	<p>Drawing from theoretical material in OCC3052 Enabling Occupation II, students will work in collaboration with an agency to address a specific need while completing this participatory practice placement. Students will be allocated a project from an issue identified by the agency. The first phase of project management begins with contacting the agency then collaborating with agency members to "scope" an organisationally useful, and occupationally relevant project or program. Students will function as project managers and will be required to liaise with a variety of stakeholders and to develop a project proposal that meets the needs and aims of the agency.</p>	<p>['Take responsibility for own attitudes and behaviour, by acknowledging prejudices, limitations, and lack of knowledge, and commitment to change and growth as a result of professional development, and reflective learning;', 'Adopt an ethical and socially responsible approach to practice and practice based enquiry;', 'Interact with consumers and carers in a fieldwork practice setting acknowledging their rights and using strategies to integrate their lived experience of health issues into service planning and delivery;', 'Apply theoretical understanding of primary care, health promotion and population health in a practice setting;', 'Describe the stages of program management;', 'Undertake a needs analysis by scoping an organizationally useful and occupationally relevant project or program;', 'Apply program management skills and function as a project manager and liaise with an organization to define a project;', 'Share power in relationships with service providers, community leaders, consumers and carers, as demonstrated by the development of a partnership approach to service development and provision;', 'Consult with service providers, community leaders, consumers and carers about their rights, service choices, and options;', 'Share resources in a mutual educational process to facilitate decision making and advocacy about service choices, and options;', 'Develop strategies to empower service providers, community leaders, consumers and carers to determine and set priorities for change; and', 'Use findings of assessments/needs analyses to develop programs using best available evidence.']</p>
FIT5141	<p>Computers and information technology pervade all aspects of modern society and industry. This unit is designed to familiarise students with several key ways in which IT technologies are increasingly being used. Currently tools based on data analytics, modelling, optimisation and visualisation are growing in relevance and application. This unit consists of a number of seminars, the content of which will cover key applications models and domains of the above techniques. The assessment component of this course is coursework only and in a series of assignments students will be required to undertake analytical research on recent developments in key application areas. Furthermore they will have the opportunities to develop skills in data management, data analytics and visualisation using state of the art tools such as R and Tableau.</p>	<p>['review and critique a range of information technologies as they are applied in real scientific and commercial environments. These include modelling, optimisation, visualisation, data analytics and simulations of complex systems;', 'articulate and explain how the management of data and storage can be made conducive to later data exploration and analysis;', 'analyse data sets and visualise the results of these analyses;', 'present the results of statistical data analysis to convey concrete information to non-technical users;', 'use a range of data analytics, visualisation and simulation tools including R;', 'apply theoretical understanding of novel IT techniques to real world community, business and scientific problems.']</p>

LAW4214	This is a program of individual research and writing during two semesters on a legal topic or project which has been approved by the Chief Examiner after consultation with the proposed supervisor. It is expected that some of those topics or projects will be associated with opportunities for placements or internships in legal services in the private or government sectors, in Australia or overseas.	['have demonstrated the capacity to undertake independent legal research', 'have displayed advanced analytical competence', 'have further developed skills in the presentation of legal writing.']
BTS3201	The law affecting Australian enterprises engaged in international business. Topics include international trade conventions; import and export procedures; the sale of goods; carriage of goods by sea and air; bills of lading and the Hague-Visby rules; finance of international trade; payment and documentary credits; the use of negotiable instruments in international trade; international commercial arbitration and marine insurance.	['examine and analyse the international legal framework in which trade between nations take place', 'identify and analyse the legal issues in an international trade context', 'identify, analyse and apply the laws to solve legal problems that arise from international commercial transactions', 'identify and analyse the laws relating to international contracts of sale, finance of international trading transactions, international carriage of goods, insurance in international trade and dispute resolution in international trade', 'identify and analyse the form and nature of documents used in international trade including contracts of sale, shipping documentation, invoices, insurance policies, bills of exchange, documentary collections and letter of credits.']
MKW3440	Corporate strategy and marketing strategy, strategic perspectives on buyer behaviour, strategic use of marketing mix variables such as communication, pricing, distribution, product, external and internal decision environments, market position and analysis, corporate and marketing strategic direction, managing marketing strategy -- planning and control.	['critically analyse the effectiveness of marketing strategy at different levels of the organisation using case studies', 'apply marketing theories and model to analysing and formulating marketing strategy analysis and formulation processes', 'assess the role of segmentation, targeting and positioning strategy and the marketing mix elements in the strategy making process', 'formulate and recommend strategic solutions that add measurable value to the organisations used in case studies', 'examine the feasibility of implementing and controlling chosen marketing strategies.']
ATS3978	The unit provides advanced students of the Japanese language with theoretical and practical knowledge of the socio-cultural and communicative challenges in workplaces where the Japanese language is used, and the strategies employed to tackle those challenges. The unit addresses a variety of real-life professional settings and roles, including working in a Japanese organisation, using Japanese with clients and collaborators, and functioning as a linguistic and cultural intermediary. Students will extend their existing language skills in various modes of face-to-face and electronic communication, and engage with key ideas regarding organisations and interpersonal relationships in and around Japan.	['Comprehend a variety of spoken and written texts used routinely in Japanese-language workplaces', 'Use spoken and written Japanese appropriate to professional contact situations, and appreciate how non-native speaker identity is constructed and negotiated in such situations', 'Employ strategies for mediating interactions involving the use of both Japanese and English languages', 'Apply a range of disciplinary approaches to understanding business institutions and organisations in a Japanese context', 'Demonstrate a critical understanding of the concepts and terms used to describe and discuss Japanese approaches to work and professional interaction', 'Read critically and engage with existing research, with the potential to facilitate life-long learning.', 'Demonstrate independent research skills including enquiry techniques, critical thinking, and skills of oral and written communication.']

ASP5020	Students undertake advanced studies in three selected topics in astrophysics and related fields. These extend the expertise in astronomical observation, analysis and the skills required to effectively communicate their findings using contemporary communication tools.	['Demonstrate an understanding of advanced astrophysics and related disciplines.', 'Demonstrated high-level skills in computation and/or astronomical observation that are essential for advanced astrophysics.', 'Synthesize and interpret advanced astrophysical knowledge.', 'Apply knowledge and critical thinking skills to the solution of complex problems.']
NUT1101	This unit focuses on developing fundamental scientific knowledge as the basis for nutrition science. This unit introduces you to the chemistry of organic molecules expanding to incorporate the biochemical pathways relevant to nutrient metabolism.	['Demonstrate foundation knowledge of basic sciences to include chemistry, molecular biology, and biochemistry relevant to human nutrition and dietetics', 'Describe the chemistry of atoms and molecules', 'Explain how atoms and molecules interact in chemical reactions and calculate chemical equations (stoichiometry)', 'Describe the chemical and biochemical aspects of biological molecules', 'Classify the main features of eukaryotic and prokaryotic cells (including membranes, organelles and enzymes), and correlate their structures with biological functions', 'Explain the aspects of cellular macronutrient and alcohol metabolism in terms of dietary input and energy release.', 'Explain mechanisms of genetic inheritance and the factors that govern the flow of information from DNA to RNA to protein', 'Demonstrate basic knowledge and skill in laboratory experimentation and in the reporting and collation of experimental data']
MAE2401	This unit provides students with the necessary skills and knowledge in solid mechanics to confidently analyse and design engineering components and structures with particular reference to the aerospace industry. Each part of the unit contrasts theory and practical application in order to impart a practical appreciation of the knowledge gained. The role of approximate methods of analysis and their interaction with practical situations is highlighted. Constant use is made of real life problems from the aerospace industry	['Analyse the behaviour of structures under mechanical loads via free body diagrams.', 'Apply stress-strain relations in conjunction with elasticity and material properties.', 'Determine the mechanical stresses and structural deformations that arise within a body under applied loads.', 'Appraise complex solid mechanics problems and use knowledge and skills to develop simplified models and generate accurate solutions.', 'Apply structural analysis theory to predict performance and reliability of structures under a combination of different loadings.']

AZA3643	<p>In March 2004 the African Parliament was formally constituted - the first such pan continental parliament to be so formed. The path from colonies to independent states seeking to control their own destinies within the modern post-World War 2 international context has been a long and challenging one. Tracing developments from colonial regimes through the first independent states to the modern African states, we will see how men and women, political and economic elites, peasants and workers, religious and cultural leaders endeavoured to create new forms of meaning and power. Central themes concern the characteristics of African states, relationships between states, political parties and a growing civil society, developmental paths and the relationships between African states, their subjects and citizens and the complex cross-currents of wider international worlds from 1945 into the current period of globalization.</p>	<p>['A knowledge of the main events, processes, issues, personalities, ideas and politics in the modern history of Africa', 'An understanding of the relationships between African states and societies and wider global politics and international relations', 'Intellectual familiarity with the main theoretical and conceptual issues relevant to the Unit: colonization, decolonization, ethnicity, tribalism, nationalism, liberation movements, one party states, typologies of different forms of states (e.g. crisis, client, failed, gatekeeper and rogue), development and under development, civil society, the Third World and key terms in international affairs: i.e. globalization, unilateralism, bilateralism and multilateralism', 'An understanding of the main currents in wider political discourses, within Africa and internationally, concerning Africa in the modern world', 'An understanding of the main currents within academic debate, within Africa and internationally, concerning Africa in the modern world', 'Experience in working with and understanding the difference characteristics of various forms of evidence, both primary and secondary, documentary, oral and visual', 'Experience in conducting research using both primary and secondary sources', 'Improving oral, writing, presentation and debating styles'\n\nStudents undertaking this unit at a third-year level will be expected to meet all these objective criteria at a higher level of demonstrable and proven competency than those completing the unit at a second-year level\n', 'Students undertaking this unit at a third-year level will be expected to meet all these objective criteria at a higher level of demonstrable and proven competency than those completing the unit at a second-year level']</p>
PHA3042	<p>Modern drug development will provide the student with an appreciation of the process of discovery, testing, approval and marketing of new drugs. This will include the diseases most likely to be targeted by pharmaceutical companies for drug development; the technical issues underlying drug discovery; the role of genomics in identifying novel targets; rational drug design; the importance of screens including molecular models and high throughput screening; disease models; case studies illustrating the successful development of drugs. Career opportunities in all aspects of drug development will be highlighted.</p>	<p>['Discuss the steps involved in the drug discovery process, including sources of drugs, how targets are identified and screening processes that can be used to test for desired activity;', 'Discuss the steps involved in developing a commercial product from a potential drug candidate, including the relevant regulatory framework and marketing considerations;', 'Critically evaluate methodologies and data from experiments in the context of the drug development process;', 'Obtain, present and interpret data from pharmacological experiments relevant to the area of drug development;', 'Source, integrate and critically evaluate the scientific literature to address an issue in the area of drug development and to communicate this orally, in written form or via a poster presentation;', 'Work both independently and as part of a team.']</p>

MEC5881	<p>This unit complements systems design. The unit will integrate fundamental concepts in solid and fluid mechanics and dynamics and in so-doing will highlight the roles they play in determining the performance of an engineering system.</p>	<p>['describe the concept of performance of an engineering system', 'explain the concept of multi-disciplinary engineering in establishing satisfactory performance of an engineered system', 'analyse the parameters that are important to system performance', 'synthesise the elements of the engineered system in order to identify the interdependency of each elements to its overall performance', 'design appropriate monitoring strategies that will enhance the performance of the engineered system', 'evaluate the performance of the system in order to mitigate or eliminate potential weaknesses in an engineered system', 'engage in regular self assessment and peer assessment of individual and team performance as a primary means of tracking continuing professional development.']</p>
MPH5288	<p>This unit will examine foundation aspects of public health with a focus on contemporary challenges in public health.</p>	<p>['Describe and integrate the basic principles and tools of public health practice', 'Examine the interdisciplinary and intersectoral relationships that contribute to public health', 'Evaluate a range of behavioural, social and cultural, environmental and political determinants of health', 'Identify and appraise methods and application of disease prevention and control at a population level', 'Define the principles of evidence based practice and assess their implementation across public health initiatives']</p>
AMU2906	<p>This unit explores the intersections of genders, sexualities and religions within the political, social-cultural context of Southeast Asia. This focus is based on the premise that the impact of religions and by extension, ethnicities are significant to how genders and sexualities are understood and lived out in this region. Within the larger framework of Gender and Sexuality Studies, the privileging of contemporary debates, issues and concerns arising from this geographical region demonstrates realities that are situated and grounded. Within an inter-disciplinary framework, feminist and queer theories are critically applied to topics covered that include: pluralisms or fluidity of genders and sexualities in religion, narratives of becoming in the family, faith community and cyberspace, sexual citizenship in the national imaginary, construction of masculinities and femininities of those who inhabit border zones of being socially excluded/included, such as youth, migrants, sex workers and ascetics; and agency in revisiting the impasse of the universality versus cultural relativism of rights. The unit aims to enable students to reflexively engage with questions of identity, agency and praxis on the distinctiveness/'Asianness' of doing genders and sexualities in this region, and the value and limits of using an intersectional analysis on genders, sexualities and religions.</p>	<p>['Identify key issues of genders, sexualities and religions in the context of Southeast Asia;', 'Discuss the intersection of genders, sexualities and religions specific to the context of Southeast Asia;', 'Construct a framework of analysis that involves identifying a research topic, literature review, key concepts as theoretical tools and media texts (for textual analysis);', 'Analyse media texts based on key concepts or ideas learned;', 'Generate research findings that are well supported by primary and secondary sources and references;', 'Formulate arguments that demonstrate a clear understanding of how integral it is to negotiate genders, sexualities with religions in the context of Southeast Asia;', 'Communicate perceptively, effectively and with cultural sensitivity and develop collaborative skills;', 'Demonstrate ethical values, cross-cultural competency as a responsible and effective global citizen.']</p>

ATS2257	<p>The post-2000 era has seen radical transformations in the way television is produced, distributed, viewed and valued. This unit traces the development of one of the most visible and successful outcomes of these shifts, global long-form television series that experiment boldly with complex serial narratives, self-conscious stylistics and provocative themes and characters. Areas for discussion include the millennial industrial developments that enable these series to be produced, the critical discourses of 'quality' television that construct their artistic status, the transnational markets in which they circulate, and the audiences and fans that give them a cult life beyond the screen. Through examination of how these systems and strategies both break with and continue historical televisual traditions, the unit demonstrates how the long-form mode of storytelling exemplifies the cultural form of television as the most vital and influential of the millennial era.</p>	<p>['critically analyse a range of contemporary long-form television texts from different national contexts;', 'understand and apply a range of contemporary theories in television studies;', 'demonstrate an ability to conduct research and develop a critical argument in a manner appropriate to second year study;', 'demonstrate skills in providing commentary and criticism on television texts and readings in classroom environments.']</p>
ATS3350	<p>Alexander the Great expanded Macedonia from a small north Aegean kingdom to a huge territory stretching from the Danube to the Himalayas. After Alexander's death, that empire disintegrated into a series of warring kingdoms, initially ruled by Alexander's generals. Egypt, ruled by Ptolemy and his successors, became the centre of one of the most enduring of these Hellenistic kingdoms, lasting for nearly three centuries until the reign of Kleopatra VII, who struggled in vain to preserve her kingdom in the face of Roman expansion. This unit focuses on the world created by Alexander and the Ptolemies. Themes include the nature of Alexander's rule and that of the Ptolemies, the heterogeneous culture that developed as a result of Greco-Macedonian occupation, the problems faced by Kleopatra and her Ptolemaic predecessors with the growing threat of Roman power, the rivalry between and among ruling dynasties, and the ways in which the indigenous Egyptian culture flourished and adapted to the profound changes it experienced. This unit analyses archaeological, literary, and documentary sources to provide an interdisciplinary study of a time of unprecedented change in the ancient world.</p>	<p>['discuss the nature of the rise of the Macedonian kingdom under Philip II and Alexander the Great, and the subsequent wars of succession;', 'explain the political situation in the eastern Mediterranean region from the late fourth century BCE to the first century CE;', 'analyse the literary, intellectual, and political culture emerging across the "Hellenistic" world;', 'evaluate the complex and changing nature of Egyptian culture as a result of the introduction of Hellenism and the development of the Ptolemaic state;', 'critically appraise ancient sources and modern scholarship and combine a variety of types of evidence in the analysis of ancient cultures;', 'use independent and group research skills to prepare and present a group project and an individual research project.']</p>

NUR5600	<p>This unit runs across the final 12 months of the Master of Nurse Practitioner. There are several mandatory assessments required by AHPRA in the Master of Nurse Practitioner.</p>	<p>['Demonstrate achievement of the advanced knowledge, skills and attitudes required of a Nurse Practitioner', 'Demonstrate high level interpersonal, problem solving and clinical decision making in the professional practice', 'Provide holistic, person-centred advanced nursing care in specific health care settings', 'Utilise research to enhance health outcomes and evaluate nursing interventions', 'Plan, deliver and evaluate health programs and services', 'Analyse ethical, legal and political aspects of the Nurse Practitioner role', 'Develop advanced skills in medication management, health assessment and diagnosis', 'Demonstrate achievement of the NMBA: Nurse Practitioner Standards for Practice.']</p>
MAE2405	<p>The course provides an introduction to aircraft performance with the aim of enabling students to predict answers to questions such as: how high, how fast or how slowly can an aircraft fly, how quickly can it climb or turn in a circle, how much runway does it require to take off and land, and how much fuel does it need to travel a given distance.</p>	<p>['Calculate air properties at different altitudes according to the standard atmosphere model', 'Appreciate the application of concepts of conservation of mass, momentum and energy in fluid mechanics', 'Describe the central mechanisms of aircraft lift and drag production and using them to estimate boundary layer drag and lift-induced drag forces on aircraft', 'Distinguish why different powerplant classes are appropriate to different flight speed regimes, and how fuel use is characterised and to calculate aircraft range and endurance in powered and unpowered flight', 'For steady level flight be able to calculate how aircraft drag and drag power vary with flight speed and altitude, and able to calculate aircraft maximum and minimum speeds', 'Calculate speed and angle of climb in steady climbing flight', 'Calculate bank angle, turn speed and radius in steady horizontal turning flight at a given load factor', 'Calculate runway lengths required for takeoff and landing', 'Discuss the concepts of aircraft static longitudinal stability and neutral point', 'Explain the mechanisms of lift production in supersonic flight and how that differs from subsonic flight', 'Explain the reasoning underlying the introduction of wing sweep']</p>
AMU3565	<p>What are the defining features of Southeast Asian cinema and what can they tell us about the culture, society and politics within the region?. This unit examines the cinema from several Southeast Asian countries through the close analysis of key films, the use of a range of critical approaches, and by situating the cinema within the historical contexts of its production and reception. Here the unit investigates the changing nature of cinema in the region, while also exploring the relationships between films and key moments in Southeast Asian history. The unit examines the region's cinema from a variety of perspectives, taking into account critically acclaimed film movements and directors, many of whom have performed well at film festivals across the world, while also discussing the genres and conventions that make up the region's popular filmmaking traditions.</p>	<p>['identify and explain the core issues that define Southeast Asian cinemas;', 'recognise and evaluate the value of competing critical perspectives on Southeast Asian cinema;', 'contrast the similarities and differences in the formal features used in a wide range of Southeast Asian films from across generic and national contexts;', 'assess some of the key historical developments in Southeast Asia and how these are articulated in its cinema;', 'apply relevant theories of the moving image to a variety of case studies.']</p>

FIT3046	Processes and threads: interprocess communication, scheduling. Deadlock: detection, prevention, avoidance. Memory management: allocation, swapping, virtual memory. Input/output principles and examples: disks, graphical user interfaces, network terminals. File systems: files, directories, disk space management. Security: authentication, cryptography, common attacks, principles of secure system administration. Case studies: Characteristics of major PC operating systems such as Linux and Windows.	['Describe the purpose, components and functions of operating systems;', 'Describe and distinguish between various strategies used by different operating systems for efficiently managing system resources and running applications;', 'Apply a range of algorithms used by operating systems for scheduling of processes and allocation of system resources;', 'Apply strategies for inter-process communication and synchronization in multi-programming systems;', 'Describe the use of various techniques for implementing security and protection of systems, resources, and users;', 'Identify the principal differences between common major operating systems such as Windows and Linux.']
ARC4001	Building on the Bachelor of Architectural Design Studio Units, Advanced Architecture Studio 1 continues to expand and consolidate advanced concepts and skills relevant to architecture design. It elaborates on architectural design as a process of investigation, critical observation, and experiment. It increases the emphasis on design as a synthetic process encompassing a range of complex issues inherent in the production of architecture. The unit introduces students to design-based research. Studies in the unit will maintain a focus on developing design as a visual language and process of cultural production with an emphasis on social and environmental sustainability.	['Demonstrate an advanced level of competence in architectural design;', 'Have the ability to critically analyse and successfully respond to the complex range of issues inherent in an architectural design project;', 'Have developed an understanding of how observation, analysis, experiment and critique apply to the advanced architectural design processes and to design-based research;', 'Have acquired a high level of competence and consolidation of all presentation skills: verbal, graphic and 3-dimensional;', 'Understand and be able to apply the rules of the occupational health and safety appropriate to the unit of study.']
ATS2114	The unit explores urban and regional cultures and the variety of Indonesian identities through analysis of storytelling in its many forms. This includes hip hop, graphic novels, short stories and the oral transmission of legends and myths. In addition to consolidating the vocabulary and grammar of ATS2113, this unit prompts students to reflect on the differences between Indonesian and English writing conventions, a process developed through creative writing tasks.	['read and analyse the Indonesian language in formal and semi-formal registers commonly found in Indonesian creative writing;', 'acquire an expanded vocabulary and syntax, in spoken and written language describing a diverse range of storytelling experiences;', 'produce spoken and written Indonesian reflections on their cross cultural encounters with Indonesia.']
MKX3200	The unit introduces the omnipresence of sport in Australian society, the interconnectedness of sport and business, particularly marketing, and those factors that differentiate sport marketing from mainstream marketing. The unit will draw on the rapidly expanding body of literature on sport marketing and sponsorship. Students will also be introduced to the most current marketing concepts and their relevance to sport marketing and sponsorship. Students will develop an appreciation of sport sponsorship as a co-marketing alliance.	['discriminate between the marketing of sport properties, and the marketing through sport properties in the form of sponsorship and the implications for strategy development', 'critically assess the relevance of the contingency marketing planning framework for sport marketing', 'develop a fan profile based on level of team identification as an indication of fan loyalty', 'determine the role of sponsorship in marketing and in particular in marketing communication and branding strategy', 'critically analyse effective methods for evaluating sponsorship.']

RTP4102	<p>This unit is a foundation unit of the Master of Advanced Radiation Therapy practice. The unit is designed to build on the undergraduate knowledge of psychology and reflective practice. This unit will consist of two key themes, psychological responses to cancer diagnosis and treatment and reflective practice. In Theme 1 students will gain in-depth knowledge on the psychological theories relating to responses to cancer diagnosis, the effects of treatment, grief and death and dying. Students will be able to analyse and describe the cause, nature, presentation and course of psychological responses in people with cancer. Coping mechanisms will be evaluated for cancer patients along the life continuum. In Theme 2, the principles of reflective practice and how these are applied to radiation therapy practice will be studied. In addition, students will also evaluate the role of professional portfolios in documenting reflections and their value to evidencing continuing professional development.</p>	<p>['Describe in detail the cause and nature of psychological/psychiatric problems in cancer patients.', 'Analyse the presentation and course of psychological/psychiatric problems in people with cancer, reflecting on clinical practice.', 'Evaluate coping mechanisms and adjustment disorders in radiation oncology patients.', 'Critically analyse the theories of reflection and apply these in reflecting on practice.', 'Appraise the role of reflective practice in enhancing patient care in radiation therapy.', 'Demonstrate the role of reflective practice in a professional portfolio.']</p>
BEX5660	<p>Underpinnings of modern macroeconomics basic to models of growth and cyclical fluctuations as well as models of monetary and fiscal policies. Topics include neoclassical and endogenous growth theories; overlapping generations models with and without money; policy ineffectiveness issues; equilibrium business cycle as well as traditional Keynesian models of fluctuations; and models of incomplete nominal adjustment such as those of New-Keynesian and the Lucas-Supply variety.</p>	<p>['understand the basic theoretical structures common to modern dynamic macroeconomics. In particular, critical analysis of the economic reasons underlying the formation of policy and movements of various macro-aggregates', 'understand the key determinants affecting economic growth and fluctuations', 'enhance understanding of the basic theoretical approaches employed in specialist fields such as international economics, economic development/growth, applied general equilibrium and financial economics.']</p>
ATS2329	<p>Students in this unit will become part of a team applying digital humanities trans-disciplinary skills and resources to an original research problem. Throughout semester, they will collaborate with one another and academic staff to engage meaningfully with a research project, further developing their digital humanities research skills and gaining valuable practical experience of working as part of a team. Under the leadership of an experienced researcher, they will play an active role in generating new knowledge by employing digital humanities methods. The unit introduces students to the skills needed to design and execute future self-directed projects.</p>	<p>['develop and enact research practise to engage with an established or directed project;', 'apply discipline knowledge and interdisciplinary "know-how" to achieve specified outcomes;', 'exercise creative, design thinking and critically informed judgment to identify and apply solutions to problems;', 'adopt applicable processes, methods and an open attitude towards inquiry and experimentation;', 'utilise technical, communication and professional skills in conducting and reporting on the research project;', 'contribute to a project with a degree of independence, originality, accountability and collaboration with other parties and stakeholders;', 'identify and apply the occupational health and safety requirements appropriate to the discipline practice.']</p>

TDN4401	<p>This unit covers a holistic perspective of human factors in the field of interaction design. Students will investigate distinctive perspectives of human factors and review examples of how such factors affect users' behaviour and design solutions. By examining physical, cognitive, cultural and social factors related to the target user groups, students will critically analyse the design motives, methods, processes and results.</p>	<p>['Engage with fundamental concepts, theories and principles related to human factors, exploring the interaction relationships between user, artefacts and information;', 'Critically reflect on the historical and socio-cultural context of a range of works through a behaviour-oriented interaction design perspective;', 'Use cognitive, technical and communication skills to apply human factors analysis methodologies to a range of design solutions;', 'Communicate findings from human factor discovery/analysis to discuss the contextual impact of tangible and intangible human factors in interaction design;', 'Examine physical, cognitive, cultural and social factors of target user groups to critically analyse the design motives, methods, processes and results of a design solution;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']</p>
ADA5011	<p>This interdisciplinary studies unit will engage with complex contemporary challenges via project-based activities and problem-based learning. Students will apply knowledge, techniques and methodologies from their individual disciplines in collaboration with others' as they investigate a range of disciplinary perspectives and approaches relevant to the challenge at hand. Student cohorts may include any combination of art, design or architecture students as well as students from other disciplinary backgrounds. Developing the ability to critically and creatively engage with 'real world' problems through interdisciplinary approaches will be the core of learning in this unit. Students will develop skills in communication, collaboration and innovation, as well as reflective approaches that will focus on developing a clearer understanding of the personal perspective and skills each contributor brings to a shared challenge. Final outcomes from the unit may include collaborative or individual submissions.</p>	<p>['Understand a range of opportunities for discipline-specific practitioners in interdisciplinary contexts;', 'Apply collaboration, representation and communication skills for interdisciplinary engagement;', 'Conduct critical enquiry relevant to an identified issue, and analyse and evaluate findings;', 'Conceptualise, develop and present a creative response to a given interdisciplinary problem;', "Critically reflect on the students' own contributions to an interdisciplinary undertaking;", 'Understand and apply the rules of occupational health and safety appropriate to the interdisciplinary study, in order to collaborate safely with peers.']</p>

IDN1001	<p>The aim of this unit is to introduce the student to the fundamental principles of understanding and controlling three-dimensional form. Design elements. A deconstructed look at the world. Students undertake weekly exercises that lead through the 'grammar' of shape, form and line. They practice expressing these things through drawing and the exploration of abstract interpretations in card, paper and foam. Early explorations of the same in a simple form of CAD (e.g. Google sketch-up). Cardboard structures are built to explore early understanding of structure balance and geometry in static objects. This unit explores the nature of design by introducing the characteristics of space, objects or images as appropriate, as part of a designer's repertoire of knowledge and understanding. Basic design studies provide the framework for the development of a language of design.</p>	<p>['Recognise, analyse and apply the elements and principles of design;', 'Understand the nature of a generic design process and apply methodical steps in their own projects;', 'Understand core concepts of manipulating form to convey shared meanings;', 'Understand and appreciate the core concepts of structure in design;', 'Observe and employ occupational health and safety appropriate to studio practice.']</p>
CHM1752	<p>In this unit students will explore aspects of organic, inorganic and physical chemistry. The structures, properties and common reactions of classes of organic compounds will be investigated along with the structures and reactivities of coordination complexes. Aspects of physical chemistry including thermodynamics, kinetics and solution equilibria and electrochemistry will be studied in some detail. The interrelationship of these topics will be explored ultimately leading to the ability to predict reaction directionality in different reactions.</p>	<p>['NA']</p>
MGW2230	<p>In the fast-changing business environment today, organisations face various challenges in managing their employees. This unit introduces the key concepts and theories of organisational behaviour and explains how they can be applied to enhance the effectiveness of organisational, team, and employee outcomes. Topics include perception, attitudes, values, personality, motivation, teamwork, leaders and leadership, power and influence, and organisational culture.</p>	<p>['critically evaluate organisational behaviour concepts and theories at the individual, team and organisational levels', 'analyse organisational behaviour concepts and theories in relation to generating creative solutions for achieving desired work outcomes', 'understand the application of organisational behaviour concepts and theories in diverse industries and workforces.']</p>
MEC5886	<p>The unit is designed to provide students with a challenging and intellectually stimulating environment covering numerous aspects of current and future sustainable energy technologies.</p>	<p>['Identify, interpret and critically evaluate the various technologies that have the potential to provide a sustainable energy supply system.', 'Evaluate technical and non-technical challenges associated with the sustainable energy resources.', 'Discuss and assess suitable sustainable energy sources/systems under different situations.', 'Implement underlying engineering principles to evaluate and improve sustainable energy technologies and systems.', 'Develop and implement creative approaches to solve various energy related problems using suitable sustainable energy sources/systems under different circumstances.']</p>

MKB3803	Marketing involves communicating and engaging with many different stakeholders including customers, clients, internal partners, regulators and special interest groups.	['understand the roles and functions of different marketing stakeholders', 'identify and map the relationships between a business and its stakeholders', 'conduct a marketing stakeholder analysis', 'develop communication and engagement strategies for internal and external stakeholder groups']
ATS3862	This unit considers different ways of thinking about religion and religious belief, both phenomenological (historical, social scientific, etc.) and philosophical. It raises philosophical questions about the role of religious discourse and the relationship of evidence to religious belief, examining classic texts on questions such as omniscience, simplicity and eternity. It also examines religious pluralism, and the range of responses that can be made to diverse views about salvation or enlightenment.	['to offer students the opportunity to improve their understanding of the history, beliefs, practices and sacred texts of various religious traditions', 'to help students develop their hermeneutical and exegetical skills, so that they can interpret, contextualise and explain passages and texts from different religious traditions, as well as integrate their analysis of scriptural texts with contemporary scholarly and critical material', 'to develop the capacities of students to engage in reflective and critical thinking, particularly the capacity to critically analyse and evaluate concepts, doctrines and arguments that have played a central role in the world's religions, as well as to put forward ideas and arguments of their own in a clear and cogent way."]
RAD1031	Students will learn the principles of human biology and genetics, and the chemical, cellular and tissue organization of the human body. In addition, they will develop an understanding of the gross anatomical structure of the appendicular skeleton together with their radiographic appearances.	['Connect how the biochemistry of molecules are integral in cellular functions', 'Describe the physiological processes of cells, in particular membrane transport and genetic inheritance and group cells into 4 tissue types', 'Relate anatomical terminology and osteology to the appendicular skeleton', 'Discuss the soft tissues and bony structures that comprise the upper limb and how these structures enable the upper limb to function', 'Discuss the soft tissues and bony structures that comprise the lower limb and how these structures enable the lower limb to function', 'Recognise and describe the radiographic appearances of the upper and lower limbs and apply this knowledge to radiographic positioning for the upper and lower limbs']

OCC4071	<p>Students will develop skills in project implementation and work within a community partnership model to address a community/population health based issue for the collaborating agency. The student will apply and further develop the knowledge, skills and expertise necessary for them to implement, evaluate and report on a community orientated project. It is expected that the student will act as the project manager whilst also communicating, negotiating and collaborating with agency staff and other relevant stakeholders.</p>	<p>['Articulate ethical and legal issues pertinent to project work;', 'Articulate funding systems and submission processes in health care;', 'Apply change management processes and systems theory in a community partnership project;', 'Develop, implement, evaluate and disseminate information concerning a project that has occupational relevance to a community or population;', 'Implement, undertake, deliver or operationalise a project according to stated goals and objectives detailed in a project proposal;', 'Communicate effectively with stakeholders and facilitate stakeholder commitment;', 'Identify and apply approaches that may be adopted to address population based health issues and apply the principles of enabling occupation to a population/community;', 'Maintain the professional standards and emergency procedures set by the clinical facility, Monash University and by Occupational Therapy Australia code of ethics;', 'Report and disseminate information pertaining to community partnership projects using effective verbal and written communication;', 'Manage project information and timelines.']</p>
FIT1043	<p>This unit looks at processes and case studies to understand the many facets of working with data, and the significant effort in Data Science over and above the core task of Data Analysis. Working with data as part of a business model and the lifecycle in an organisation is considered, as well as business processes and case studies. Data and its handling is also introduced: characteristic kinds of data and its collection, data storage and basic kinds of data preparation, data cleaning and data stream processing. Curation and management are reviewed: archival and architectural practice, policy, legal and ethical issues. Styles of data analysis and outcomes of successful data exploration and analysis are reviewed. Standards, tools and resources are also reviewed.</p>	<p>['explain the role of data in different styles of business;', 'demonstrate the size and scope of data storage and data processing, and classify the basic technologies in use;', 'identify tasks for data curation and management in an organisation;', 'classify participants in a data science project: such as statistician, archivist, analyst, and systems architect;', 'classify the kinds of data analysis and statistical methods available for a data science project;', 'locate suitable resources, software and tools for a data science project.']</p>

MPH5273	<p>The unit is designed to consolidate the theoretical and practical skills acquired in the Master of Health Services Management or the Masters of Public Health by exploring in detail a complex problem within their workplace or within a health care setting. Alternatively, subject to the approval of the course coordinator, students may seek a limited placement in a health service to explore a particular issue for their case-study. This may include an overseas placement. The case-study is not intended to be original research. In some instances, this case study might be suitable for submission as the case-study for the Royal Australasian College of Medical Administrators (RACMA) Fellowship.</p>	<p>['Outline an issue or a problem in health service management issue of relevance to their personal development as a health service manager.', 'Design a plan to gather literature and expert advice to inform an approach to dealing with the issue or problem.', 'Produce a search strategy to gather relevant literature from the academic and grey literature.', 'Synthesise and critically analyse the theory and literature associated with the health service management issue or problem.', 'Interpret the findings from the literature review and communicate these to a specialist health management audience.', 'Design an interview schedule and work plan to interview expert health management witnesses.', 'Integrate the findings from interviewing expert health management witnesses with the findings from the literature review to identify practical management approaches to dealing with the relevant problem or issue.', 'Demonstrate skill in communicating complex management theories and practice.']</p>
ATS3421	<p>Does language create our world, or does it merely describe it? If it is the former, then what are the stakes for literature? Working with a range of novelists, poets, and theorists, this course will explore literature that engages with these questions of representation in the most innovative and exciting ways. Modernism has long been a term used to describe a radical international and experimental movement in the arts dating roughly from 1890 to 1940. More recently, however, modernism has undergone a reassessment and is now increasingly seen as an ongoing aesthetic response to various social, moral, technological, and political transformations. This unit will examine some of the major figures of avant-garde and 'High' modernism but it will also be attentive to examples of regional, 'middlebrow' and popular modernist literature's, as well as to modernism's afterlife in postmodern and contemporary literature. We will reflect on some of the most influential concepts in the early part of the twentieth century in relation to cultural and material upheavals, including urbanization, scientific and technological advances, conflicts about sexuality, and the women's movement. Our focus will be on the literary works from both within and outside of the English-speaking world that stand at the heart of definitions and debates about modernism. Foreign-language texts will be studied in English translation.</p>	<p>['a sophisticated understanding of modernist aesthetics and themes;', 'the ability to assess and interpret the relationship between literary texts and their social and political context;', 'an informed understanding of some key approaches to modernist literature;', 'developed an informed critical perspective on modernism as a term of periodisation;', 'advanced undergraduate-level skills in the reading and interpretation of literary texts.']</p>

ATS1309	What can you do in a world that is challenged by questions of poverty, environmental degradation, social inequality and economic exclusion? The Global Challenge is an introductory unit that grapples with these questions offering an insight into the new and emerging forces of social, economic and environmental change. The unit examines how changing population and migration dynamics, urban development, patterns of consumption and growth, and labour markets intersect at local, national and global scales. It introduces students to theories and methods that help make sense of our complex world allowing them to critically engage with these global challenges.	['Define and describe a range of key challenges including: population movement, diverse urban forms, consumption habits, economic restructuring, labour markets, socio-economic inequality and environmental change;', 'Identify and apply key theories and methods to inform an understanding of economic, social and cultural geographies;', 'Organise and select appropriate information and represent data in maps and tables for a variety of spatial scales;', 'Work autonomously and with others to write and communicate concepts and processes of global and spatial change in a clear manner;', 'Develop an inquiring mind about complex global challenges and appreciate different perspectives on problems and their solutions.']
IBL2030	Students undertake discipline-related work in a full time, paid industrial placement of minimum 24 weeks. For admission to the cooperative education program, students participate in a selection process and are short-listed based on academic performance, interpersonal and communication skills and employer requirements. Students negotiate and undertake a learning contract with their workplace and academic supervisors, in response to the requirements of their role, focusing on personal and professional development, understanding their environment at the team, organisation and industry level, and development of scientific skills and knowledge.	['Integrate knowledge, skills and understanding gained in the classroom and laboratory settings;', 'Relate scientific knowledge and skills gained in coursework to productive employment experience;', 'Apply their expertise to real-world problems.']
ATS3632	This unit examines the emergent histories of post-genocide and post-conflict societies. It explores the negotiation of perpetrator, victim and bystander identities after genocide through histories of return and diaspora; and considers the local initiatives that rebuild post-conflict societies, including strategies of genocide prevention. It recognizes the different experiences of women, children and men in conflict and their different paths to reconciliation. Bosnia, Rwanda, Cambodia, South Africa, post-Holocaust German-Jewish relations, Germany's reunification, and Australia will be discussed, along with processes such as reparations, international criminal tribunals and truth commissions.	['an understanding of the human impact of genocide and conflict on the communities that survive it', 'an understanding of the modern historical contexts in which these conflicts emerged', 'an appreciation of the issues and the agencies involved in rebuilding states and societies after genocide and conflict', 'In addition, third-year students will develop the capacity to describe and analyse questions of memory and justice using historical examples.']
MTE2545	Introduction to common ceramics: industrial ceramics: ceramic crystal structures, clay based industrial ceramics, alumina, mullite; their general compositions, microstructures, processing and properties; understanding the characteristics of these materials from phase diagrams. Introduction to polymers: Polymer coil; molecular weight and molecular weight distribution; chain and step-growth polymers; tacticity; random, block and graft copolymers; solution properties; thermal properties and T _g ; thermoplastics and crosslinked polymers; polymer blends.	['Discern the properties of commonly used industrial ceramics', 'Describe the structural basis of the common industrial ceramics', 'Discern the structure and synthesis of commonly used engineering polymers', 'Appreciate the link between polymer structure and morphology and polymer thermal and mechanical properties', 'Conducts experiments investigating the properties of ceramics and polymers']

BEX3000	This unit is the capstone unit for the Bachelor of Business and as such draws together the learning and experiences gained from previous business units. The unit provides students the opportunity to demonstrate being critical and creative scholars and responsible and effective global citizens, and gain an understanding of multi-disciplinary decision-making in organisations. The opportunity is via a complex project-based programme in which cultural and ethical perspectives are also assessed. Students will develop and demonstrate their career-readiness in this unit.	['demonstrate the ability to use reflective thinking with respect to the development of employment skills', 'research, synthesise, analyse, evaluate and communicate how innovative multi-disciplinary decision-making occurs in organisations.']
PSY6261	Students will become familiar with the use of appropriate paediatric neuropsychology assessment tools and will learn the skills required to obtain a comprehensive history from parents, teachers, hospital case notes and other relevant information sources. Assessment and management of the behavioural consequences of neuropsychological deficits will be discussed, together with the provision of parent education and school interventions. The importance of conveying neuropsychological findings and recommendation in a clear and interpretable manner for non-psychology professionals, such as teachers and careers, will also be an area of focus.	['Be familiar with the main stages of central nervous system development, and the impact of these stages on normal cognitive functioning;', 'Be fully aware of the impact that various neurodevelopmental disorders, various neuropsychiatric disorders or several kinds of acquired brain injury might be expected to have on the development of cognitive skills;', 'Be familiar with theories of recovery function during childhood and adolescence, and appropriate rehabilitation and management strategies;', 'Be competent in taking a comprehensive case history, in selecting and administering neuropsychological tests suitable for each developmental period, and interpreting the results of these;', 'Be able to effectively impart their neuropsychological findings and recommendations to non-professionals such as parents and teachers; and', 'Feel confident working with children, parents, teachers and professional childcare workers.']
AZA4779	Under the guidance of an allocated supervisor, students will complete a research dissertation. The research dissertation will be based on the approved proposal done in the first semester.. Students will meet with their supervisor on a regular basis and will be required to submit bi-monthly reports on dissertation related writing assignments.	['Complete a research dissertation under the supervision of an academic supervisor.', 'Demonstrate the ability to develop and sustain an argument within the dissertation.', 'Critically assess relevant primary and secondary literature in support of the dissertation topic and argument.', 'Critically assess and review relevant theories for the theoretical framework of the dissertation.', 'Demonstrate an understanding of data collection, analysis and interpretation methods appropriate to the nature of the dissertation.', 'Demonstrate an understanding of the methodological approaches and design and development requirements in a particular sub-discipline under investigation.', 'Demonstrate the ability to report on research findings and present the final dissertation.']
IDE2114	This unit serves as an introduction to the field of consumer product design. Teaching centres on the design of electrical appliances, with emphasis on production issues, value analysis, ergonomics, materials selection, and documentation for manufacture. Consumer appeal and market factors will also be taken into account.	['Design products to a high standard of technical and aesthetic performance;', 'Apply product analysis techniques to existing products and learn to develop them for new products;', 'Locate and apply information on materials and manufacturing processes;', 'Carry out design projects for the consumer product field, which incorporate electromechanical components and devices;', 'Understand and practice the rules of occupational health and safety in force in the industrial design studio.']

ATS2538	<p>Film and television institutions considers a number of institutionalised and unofficial public and industrial discourses that support contemporary film and television texts and industries. These include industry publicity and marketing; advertising and commercial tie-ins; media coverage of stars and directors; film and television censorship and studio self-regulation; motion picture palaces and suburban multiplexes; film and television reviewing and academic criticism; the impact of television and wide-screen technologies in the fifties; the impact of home video and cable television in the seventies and eighties; and new media technologies in the nineties and beyond.</p>	<p>['Recognise that meaning is not simply an intra-textual property of a particular text but an effect of historically specific extra-textual, material technologies or institutions;', 'Demonstrate an understanding of historically specific material technologies of production, distribution, exhibition and reception, in relation to a range of contemporary and historical film and television examples;', 'Develop a methodology for investigating the material - social, historical and political - difference of specific national film and television texts and industries. ']</p>
BCH3042	<p>This unit provides an advanced understanding of the molecular aspects of cell proliferation, cell signalling, differentiation and cell death as they relate to cell biology and medicine, in particular cancer. Themes include basic mechanisms of cell signalling involving cell receptors, gene expression, hormones and endocrine networks, and intracellular signalling cascade. These concepts are applied to cell growth, differentiation and cell death and how the involvement of the immune system is regulated in diseases, including autoimmune diseases, cancer (and its treatment) and the destruction of T-cells after human immunodeficiency virus (HIV) infection.</p>	<p>['Discuss the basic mechanisms of cell signalling and how disordered intracellular signalling contributes to the development of cancer;', 'Discuss the various aspects of the immune system in relation cell signalling and infectious disease;', 'Explain how cell death contributes to differentiation and disease;', 'Conduct literature-based research to critically evaluate how our evolving understanding of signal transduction contributes towards advances in biology, biotechnology and medicine and effectively communicate their research by both verbal and oral means;', 'Discuss the importance of the discipline to current advances in biology, biotechnology and medicine;', 'Illustrate how relevant laboratory techniques can be exploited to define essential steps in biochemical pathways;', 'Plan and apply advanced biochemical laboratory methods to solve problems in cell signalling and demonstrate appropriate methods for data analysis and interpretation;', 'Demonstrate technical and time management skills. ']</p>
AZA2789	<p>The unit provides an opportunity to undertake detailed examination of the production practices, resources, technologies and genres of video journalism. Examination topics covered include broadcast and online modes. It develops the major performance practices of voice presentation and interviews, image and sound recording, editing and post-production. The unit critically analyses and evaluates the implications for journalists of differing forms of audience engagement and editorial positioning, including news, current affairs and feature/documentary genre. In a South African and African context, access to certain technology/equipment will be required for this unit. Contact the unit coordinator for details.</p>	<p>['Identify a television news or current affairs story, research and prepare a brief;', 'Shoot, interview, script and edit a television story;', 'Demonstrate the ability to successfully undertake individual and group work;', 'Analyse and evaluate key ethical and legal issues and obligations associated with television reporting, particularly as they apply to the South African and African contexts.', 'Demonstrate the capacity to apply basic professional standards to production and presentation of television news. ']</p>

TDN3002	<p>This unit develops the capacity to understand and apply the principles and practice of design strategy and will also clarify the professional obligations required of designers. Using investigative processes students will learn the role of design strategy in professional practice and work with industry case studies to develop a greater understanding of strategy in the design process. Design strategy is an intellectual contribution to implementing design briefs and creating relevant and commercially sound visual communication. Professional practice covers the practical business requirements of commercial design studios and students will acquire and participate in negotiation skills, teamwork, written and verbal communication and project management skills across design undertakings large and small that include complex multidisciplinary projects.</p>	<p>['Demonstrate a deeper engagement with the communication design process as it relates to strategy and professional practice;', 'Develop communication design strategy utilising the media and processes expected in their specialisation;', 'Produce design strategy that demonstrates a clear understanding of communication conventions, but with an open attitude to enquiry and experimentation;', 'Identify and expertly use the consultative and investigative processes appropriate for each design outcome;', 'Prepare a plan showing design strategy integrated with design process from initial research and concept development to final resolution working with written communication for client presentation;', 'Critically assess their design strategy in order to improve their final outcome;', 'Articulate an informed rationale for each communication design strategy;', 'Make compelling presentations of design outcome drawing on strategy and well reasoned creative rationale.']</p>
EAE3121	<p>Physical meteorology examines the major physical forces that affect the behaviour of the atmosphere, specifically radiative transfer and precipitation. The radiative transfer section focuses on the scattering, absorption and emission of radiant energy within the atmosphere and how this knowledge is exploited by remote satellite and ground-based instrumentation. The cloud microphysics section focuses on the development of precipitation, as well as the interaction between clouds and aerosols.</p>	<p>['Describe the physical theory of precipitation and radiation in the atmosphere and apply these principles to weather radar and satellite imagery using mathematical models;', 'Demonstrate skills in using mathematical techniques to understand the physics of the atmosphere;', 'Demonstrate high-level knowledge of the important techniques and terminology in physical meteorology;', 'Demonstrate competence in information technology, data handling, and laboratory skills;', 'Analyse and solve problems in physical meteorology;', 'Explain physical meteorology concepts, processes and results to diverse audiences.']</p>
MGS5640	<p>The unit looks at the ways in which cultural values are expressed in social behaviour and the communication process including non-verbal cues, in different societies and contexts. The relevance of culture to management practices is analysed and illustrated in various national cultural settings in the Southern African region. The unit then considers contemporary issues that affect the cross-cultural communication process (eg: ethics) before considering the international negotiation process. Objectives, methods of negotiation and ways of negotiating cross-culturally are considered. The unit seeks to impart to students the ability and an awareness of how to communicate effectively in a cross-cultural setting.</p>	<p>['explain the concept of culture and its determinants', 'develop an understanding of the principles of effective cross-cultural communication', 'critically evaluate the role communication and negotiations play in international operations', 'explain the negotiation process and identify and analyse impediments to effective negotiations', 'assess the relevance of culture to management practises in different cultural settings', 'identify and evaluate the links between culture, economic processes and organisations.']</p>

LAW4104	<p>The banking and finance sectors in Australia play an essential role in society. This industry continues to evolve and adapt to technological disruption, product innovation, and the increasing globalization of financial markets. It is also facing increasing scrutiny from policy makers, regulators and consumers following a series of crises and scandals. This course will review and consider key areas of Australian banking law and regulation. It will also discuss some of the areas of ongoing policy reform.</p>	<p>['have acquired a basic understanding of the operation of the Australian banking system', 'be familiar with the general principles of law governing the Australian payments system and negotiable instruments', 'appreciate the legal relationship that exists between customers and their banks and the duties owed by each to the other', 'understand the day to day issues that can arise between banks and customers', 'be familiar with the financial industry ombudsman system and its role in the mediation of banker-customer disputes', 'have acquired analytical tools relevant to solving problems arising out of the application of statute and case-law to specific banker-customer transactions', 'be aware of emerging trends in bankers' liability especially the impact of consumer protection legislation to banking business', 'be able to identify the legal issues respecting the lending practices of banks.']</p>
NUR5844	<p>This unit identifies the World Health Organisations' role in advocating and supporting the global health agenda of health for all. Health promotion as a strategy for achieving health for all is examined.</p>	<p>['Expand on concepts from previous studies of health and nursing to be able to undertake leadership roles in population health and health promotion;', 'Critically analyse national and international frameworks for primary health care and health promotion initiatives with special references to the work of the World Health Organisation (WHO);', 'Appraise major community health needs and issues of clinical relevance, with particular focus on vulnerable communities;', 'Analyse various methods of population-based approaches to data collection;', 'Utilise national and international collaborative health practice models in designing population-based approaches to health care;', 'Apply health promotion principles such as equity, community engagement and partnerships to undertake a health needs assessment.']</p>
AZA1329	<p>The unit provides further development of the key practices of research and reporting for news journalism; the social, professional and legal context for journalism production; the technical production and narrative conventions for at least two different media (print, online, radio and/or video); and consideration of factors affecting the optimal choice of medium for reporting. Students research and produce original news stories to deadline in at least two media, produce a critical evaluation of their own performance and constructive feedback for their peers.</p>	<p>['Demonstrate an ability to identify and research a news story, conduct interviews and gather appropriate evidence;', 'Demonstrate an ability to select an advantageous medium for presentation, and report in a clear, concise, factual way using news conventions in at least two media;', 'Identify and observe key ethical and legal obligations associated with news reporting in the South African and African Context, and reflect critically on their own and others' performance in this regard;', 'Work independently and collaboratively in learning and production processes, including online forums, to produce news reports;', 'Demonstrate an ability to set and meet deadlines, and report under pressure;', 'Demonstrate an awareness of local, national and international people and events relevant to current issues and media issues;', 'Demonstrate a critical awareness of the capacities, limitations and socio - professional implications of journalistic practices in different media.']</p>

ATS3192	<p>The Media Entrepreneurship Lab is a multi-disciplinary learning environment where students from the different specialisations in the Bachelor of Media Communication come together to explore new concepts, skills and practices in media entrepreneurship such as disruption, innovation, pitching, digital marketing, problem-solving apps, platform adaptability. Students will devise a entrepreneurial research project that can test the capabilities of new technologies and explore applications. The lab fosters creativity and experimentation in media production while also developing professional skills in collaboration and adaptability.</p>	<p>[‘identify and discuss the communicative and creative role of entrepreneurship in contemporary media environments and business contexts;’, ‘display proficiency in a variety of media entrepreneurial skills and practices;’, ‘work reflectively, independently and collaboratively with peers to conceptualize and design a media entrepreneurship project;’, ‘apply skills to a media production/project that critically reflects on the evolving technologies and practices of media entrepreneurship.’]</p>
AMU2146	<p>How is the rise of the internet and digital media affecting the nature of screen culture?. New digital technologies are shaping production methods and creating new ways for audiences to engage with moving images] while cinema and television continue to be popular, screen content is increasingly being consumed on computers, tablets and mobile phones. This unit explores these developments through the analysis of a variety of screen content, ranging from television shows to online videos. It examines the technological, industrial and economic contexts of digital screen culture, the creation of new styles, genres and approaches to narrative, and the emergence of new participatory audiences and modes of spectatorship. The social and ideological significance of these developments is also explored through case studies that focus on representational issues, global and local examples, and the new forms of celebrity that are emerging as a result of these changes.</p>	<p>[‘describe and explain the main features that distinguish digital screen media from earlier types of screen production;’, ‘identify and describe the different genres of digital screen media;’, ‘apply theoretical frameworks to explain the historical, textual and critical significance of digital screen technologies;’, ‘critically evaluate scholarly perspectives of the impact of digital screens on moving image aesthetics, the media industries and society;’, ‘formulate and structure a logical and coherent argument that is well supported by relevant evidence.’]</p>
ATS3677	<p>The size of Australia and its long history of human inhabitation have produced considerable linguistic diversity, although its languages generally share similar phonologies, cognate words, and recurrent patterns of meaning. In its overview of phonology, morphology, syntax and semantics, this unit will examine what structural features can be considered typical of Australian languages, and how/whether these can be related to typical features of Australian cultures. It will also examine the present sociolinguistic status of Australian aboriginal languages, bilingualism and the role of linguistics in language maintenance and revitalization.</p>	<p>[‘Describe key features of the phonology, morphology, syntax, and semantics of Australian Aboriginal languages, and identify such features in a number of different Aboriginal languages.’, ‘Explain some of the key theoretical issues regarding the structure of Aboriginal languages.’, ‘Discuss relevant sociolinguistic issues including language status, bilingualism and the role of linguistics in language maintenance and revival and the implication of these for language education and planning.’\n\nMore generally students are expected to develop their abilities to:’, ‘Read critically.’, ‘Use analytic and interpretive skills in dealing with language data.’, ‘Assess evidence supporting various theories and thereby evaluate these theories.’, ‘Present logical, coherent arguments both orally and in writing.’]</p>

FIT1051	<p>This unit will provide students with an overview of the fundamental knowledge and skills required to code applications. The topics covered will include: the context of programming in an industrial SDLC, dealing with code 'plumbing', data, using API library classes, common business logic patterns and their implementation using control structures, methods and modularity, value and reference types, coding custom driver and concept classes, class inheritance, interfaces, multi-class applications.</p>	<p>['describe the difference between large scale industrial programming and small scale or scientific programming;', 'identify common logic patterns in problem descriptions and implement code solutions to these problems using best practice Java coding patterns;', 'analyse and debug existing Java programs;', 'describe and use the Java Class Libraries;', 'code and test multi-class Java applications;', 'apply good programming practices in accordance with industry standards and professional ethics.']</p>
BTS3301	<p>In this unit we examine the following areas of commercial law: the law of insolvency, the law of insurance, intellectual property law, labour law (with particular attention to individual contracts of employment, collective bargaining and the right to take industrial action) and the laws that affect money laundering and asset forfeiture and confiscation. We also examine various types of alternative dispute resolution available to businesses seeking to settle disputes by means other than litigation. In all instances we examine the substantive law as well as the impact of these laws on business practices.</p>	<p>['identify, discuss and analyse the laws governing insolvency, insurance and intellectual property', 'identify, discuss and analyse labour law, including that which pertains to individual contracts of employment, collective bargaining and the right to take industrial action', 'identify and discuss alternative dispute resolution methods available to businesses by means other than litigation', 'identify and discuss the laws governing money laundering and asset forfeiture.']</p>
RTP4101	<p>This unit is a foundation unit of the Master of Advanced Radiation Therapy practice. The unit is designed to build on the undergraduate knowledge of medico-legal, ethical issues, communication and cultural competence as related to the practice of radiation therapy. Students will gain in-depth knowledge of health care regulation. Medico-legal principles relating to assault and negligence, and how these are applied to radiation therapy, will be studied and students will reflect on the impact of these in their own practice. In addition students will also examine current ethical theories and evaluate their applicability to the practice of radiation therapy. Whilst studying these topics, practitioners will be encouraged to critically reflect, analyse and synthesise relevant information from the literature, reflecting on their experiences from clinical practice to further develop and build their critical analysis skills.</p>	<p>['Appraise medico-legal principles and reflect on their application to clinical practice, describing how the system of health care is regulated in Australia;', 'Explain in detail the laws relating to assault and negligence and relate these to radiation therapy practice;', 'Analyse current ethical theories and how they relate to the practice of radiation therapy;', 'Evaluate the role of principles-based ethics in radiation therapy;', 'Appraise communication theories and describe how these apply to professional practice;', 'Evaluate the perspectives related to cultural competence and describe their relevance to professional practice.']</p>
BIO3810	<p>This unit examines the biology of tropical aquatic ecosystems. It focuses on South East Asia, (the Malaysian region in particular) but will also encompass aquatic environments in other parts of the tropics. The ecology and diversity of communities in coral reefs, oceans, sandy and rocky shores, estuaries, lakes, rivers and swamps is examined. The students will gain an understanding of the physical and chemical factors that affect these environments. Conservation and management issues such as the impacts of tourism, pollution, fisheries, wetland drainage and river regulation are studied.</p>	<p>['Demonstrate knowledge of the diversity and ecology of freshwater and marine environments in the tropics with particular reference to the Malaysian region;', 'Demonstrate understanding of the conservation and management issues relating to aquatic ecosystems;', 'Design and analyse sampling programs to examine the flora and fauna of aquatic habitats and to assess changes;', 'Demonstrate the ability to identify aquatic animals and plants from tropical Malaysian ecosystems;', 'Demonstrate advanced scientific report writing skills;', 'Make effective oral and visual presentations;', 'Work collaboratively and effectively in the field in tropical environments.']</p>

ATS2901	This unit is the third of a sequence of four units that integrates the development of aural skills with the theoretical understanding of music through listening, analysis, performance, notation and composition. It further expands on the skills and knowledge developed in ATS1900 Music theory and ear training 2 through the study and practical application of theoretical concepts in either the Western art music or jazz tradition. Students study advanced analytical and compositional procedures of tonal music through critical listening, study and analysis of representative works. Students undertake analysis, harmony and aural exercises to consolidate the understanding of functional harmony.	['Understand chromatic concepts of melody and harmony.', 'Analyse musical elements including chromatic harmony.', 'Recognise aurally elements of chromatic harmony and rhythm.']
ATS3554	National and international conflicts over the use of natural resources, e.g. rainforest destruction, land degradation, pressure on water supplies and common property resources. Analysis of resource disputes, including socio-political aspects and debate over causes and trajectories. Different management approaches used to solve environmental problems, e.g. role of the state, communities, protected areas, and indigenous people.	['Analyse the theoretical and empirical bases of resource management issues', 'Appreciate the complex, intertwined nature of ecological, social, and political factors underlying resource management issues', 'Recognize, apply, and distinguish between the main explanatory theories', 'Be able to construct analytical arguments relevant to resource management issues in good quality writing.']
TDN3003	This unit is intended for design students planning to further their studies beyond the undergraduate degree. It aims to provide the foundation for advanced design research skills and a capacity for critical thinking appropriate to honours and further postgraduate levels.	['Indicate a capacity to critically evaluate contemporary design practice with reference to various geographic, social, economic, political and historical contexts;', 'Articulate their own position in reference to these contexts;', 'Participate in intelligent debate regarding design criticism both verbally and in written form;', 'Demonstrate strong writing skills; and;', 'Establish sound bibliographic management skills.']
MKF3471	Customer contact and relations. A broad overview of the sales area focusing on business to business and person to person activities. Issues include interpersonal persuasion and influence. In addition to these knowledge-based topics, the unit exposes students to practical interpersonal skills involving persuasive group presentations, negotiations and sales. It covers areas of management, which focus on buying-centre/selling team relationships. There is a focus on the relationship between the functions of marketing and sales within organisations and the effect on corporate performance.	['evaluate different selling situations and select appropriate selling approaches to implement', 'demonstrate an ability to communicate and negotiate persuasively and professionally in a sales setting', 'apply the key elements of sales management, personal selling and negotiation theory, specific to business relationships', 'recommend appropriate sales management strategies for recruitment, selection, development, supervision, motivation and evaluation of salespeople.']
MBA5112	Topic 1 - Business models and strategy	['integrate the knowledge and skills gained to evaluate an organisations strategy and develop recommendations', 'integrate the knowledge and skills gained to evaluate an organisations marketing strategy and develop recommendations', 'integrate the knowledge and skills gained to evaluate an organisations financial performance in the context of the recommended strategy.']

FIT5147	This unit introduces statistical and visualisation techniques for the exploratory analysis of data. It will cover the role of data visualisation in data science and its limitations. Visualisation of qualitative, quantitative, temporal and spatial data will be presented. What makes an effective data visualisation, interactive data visualisation, and creating data visualisations with R and other tools will also be presented.	['perform exploratory data analysis using a range of visualisation tools;', 'describe the role of data visualisation in data science and its limitations;', 'critically evaluate and interpret a data visualisation;', 'distinguish standard visualisations for qualitative, quantitative, temporal and spatial data;', 'choose an appropriate data visualisation;', 'implement interactive data visualisations using python, R and other tools.']
ATS3496	The unit focuses upon the historical development of literary fairy tales for both adults and children from the seventeenth century to contemporary adaptations across media forms. Students will learn theoretical approaches through which to examine the retelling of fairy tales in both oral and literary tradition and how to situate variants within their historical context. In addition, students will explore the cultural and ideological significance of shifting perceptions of the genre as suitable for child readers. Key issues studied will be cultural production, gender and historicism.	['analyse fairy tales through cultural, ideological and historical frameworks.', 'analyse the implications of oral and literary storytelling traditions;', 'evaluate the major thematic paradigms of fairy tales;', 'recognise and analyse how the ideological focus of fairy tales, particularly in relation to gender, shifts according to the cultural contexts in which they are produced.']
ACF5955	This unit aims to develop students' understanding of the concepts and techniques of management accounting, and skills in the use of management accounting techniques to communicate decision-useful information to management. The unit content includes costing terminology, cost accumulation and recording systems, costing methods for both manufacturing and service-based organisations, how management accounting information informs key product decisions such as pricing and product mix, and the design of budget systems.	['apply management accounting principles and techniques to service and manufacturing industry cases', 'compare, contrast and demonstrate various costing models', 'design budgets and explain the behavioural aspects of different budgeting styles', 'examine cost-volume-profit analyses, divisional performance evaluation measures', 'develop capabilities to work effectively in a group; and/or demonstrate effective individual research skills to solve management accounting problems and demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of the topics covered by ACF5955.']
PGW5203	One of the principles of wound management is the maintenance of a physiologic wound environment to optimise each patient's wound healing potential. This involves preventing and managing infection, cleansing the wound, removal of nonviable tissue, maintaining moisture balance, controlling odour, protecting the wound and periwound area and eliminating or minimising pain. This unit will explore how these can be achieved using wound dressing products and technologies as well as alternative/adjunctive therapies.	['Formulate a wound care management plan incorporating skin and wound assessment to guide selection of appropriate products or technologies.', 'Critically review wound dressings and technologies describing their properties and place in therapy.', 'Evaluate the role of debridement in wound bed preparation.', 'Critically appraise adjunctive/alternative therapies used in wound care, including suggested mode of action and level of evidence to support use.', 'Communicate effectively with patients to improve concordance with wound care management plans.']

MEC4404	<p>This unit provides students with an understanding of the work environment of professional engineers addressing topics not covered in other parts of the degree program. It allows students to more effectively use their engineering skills within the context of a business environment, and assists them to add value to the community. Students will be encouraged to evaluate problems from a multi-faceted perspective and to articulate their views in writing as well as in discussion. The unit provides a balance between global macro issues likely to influence their future work environment, and more current, micro issues likely to confront graduates in establishing themselves as professional engineers.</p>	<p>['Role and contribution of an engineer in society', 'Ethical responsibilities of engineers', 'Modern work practices and organising for high performance', 'Sources of wastes and process inefficiencies, the lean manufacturing methodology, customer focused pull design and manufacturing strategies', 'Factors affecting the performance of the Australian manufacturing sector including energy, water, environmental issues, sustainability, work skills Individual performance assessment', 'Transition from university Safety and OHS, risk assessment', 'Project management', 'Designing for innovation, and creative approaches towards problem solving', 'The role of standards and accreditation in work practices', 'Intellectual property, and in particular patents and copyright', 'Responsibilities of engineers in the design and manufacture of consumer products', 'Contract law', 'Product costs, in particular the effect of direct costs and the allocation of overheads on performance', 'Capital budgeting', 'Complete tasks as part of a team', 'Improve oral and written communication skills', 'The significance of non-engineering factors in the context of their role as an engineer', 'To be more aware of their role as an engineer in society', 'To value the practice of self-directed learning and lifelong learning', 'To appreciate that problem solving will often involve the use of incomplete data and data of varying reliability, a choice of method, and the possibility of more than one outcome depending on the weighting given to different factors.']</p>
RSE1010	<p>This unit provides a practical context for natural resources engineering in the global environment. Natural resource engineers improve and maintain the sustainability of the earth's resources through efficient design and application of technology. This unit identifies the extent and capacity of engineers working in the resources and renewable energy industries. Key concepts associated with the natural resources and renewable energy industries are introduced and discussed.</p>	<p>['Appreciate the global contribution of the natural resources sector to global economic and social development.', 'Describe the current and future global energy supply and demand profile and the efficiency and sustainability of current energy sources.', 'Identify and select clean and renewable alternatives for efficient and sustainable energy options.', 'Describe the development and permitting requirements for a natural resources project.']</p>
ATS3095	<p>A communicative course designed to further speaking and reading skills in German. The emphasis is on learning to use German correctly in discussing a variety of topics. Component 2 will focus on the highly productive artistic and intellectual developments in modern German and Austrian culture.</p>	<p>['an overview of the main periods, styles, genres, intellectual preoccupations and socio-historical trends in modern German literature;', 'the ability to recognise and analyse a variety of texts in accordance with the categories of genre, style and epoch;', 'reading skills necessary to understand advanced German;', 'essay-writing skills, an ability to engage in informed discussions of literature and culture, using appropriate terminology and applying the range of language skills pertinent to component 1.']</p>

MKF5955	Marketing activities undertaken by organisations; value exchange concepts and processes; the marketing concept from a strategic and applied perspective; development of corporate and marketing strategic plans; analysis of an organisation's SBUs, product strategies and product development; use of marketing decision making tools at an applied and strategic level; distribution, pricing and communication mix strategies; services marketing, individual and organisational buyer behaviour, marketing research and market analysis; marketing management, implementation and control processes and procedures with emphasis on international aspects of marketing and consumer behaviour.	['examine the concepts and theories of marketing and apply them to an international context', 'analyse, evaluate, and interpret complex and sometimes contradictory marketing phenomena in international context', 'apply the basic techniques and tools of marketing management to local and international environments', 'examine the scope and role of the marketing function and its relationship to organisational strategies and critically evaluate how functional marketing plans can be developed and implemented', 'compare and contrast various marketing theories and practices and develop recommendations for strategic action.']
ATS2146	This is the second part of a sequence in upper intermediate Japanese. This unit covers both spoken language and contemporary written language and aims to enhance students' knowledge about Japanese modern and traditional culture. The unit also aims to develop students' research skills and intercultural competence.	['use listening skills to understand conversations or monologues on topics covered in class and to identify different genres;', 'read texts (approx. 2000 characters) on various topics about Japan with the assistance of dictionaries;', 'communicate in complex situations (e.g. explaining troubles);', 'discuss broader topics about Japanese culture with Japanese native speakers;', 'research and present on one of the topics studied in class;', 'write an essay (1200-1400 characters) on a topic related to Japan with the assistance of dictionaries and other language and content resources;', 'use kanji acquired so far (approx. 450 kanji) and recognise and begin to use additional 150 new kanji (including approx. 90 for recognition only).']
DWG3519	This unit offers an extended engagement with the representational issues prefaced in the previous units. In a studio class, sequential projects, will explore the visual description of the human body in a variety of spatial, conceptual and contemporary contexts. This will promote the investigation and discovery of a range of appropriate representational strategies involving drawing and contemporary media. A practical study of the work of historical and contemporary exemplars of body imagery is an important part of the unit.	['Demonstrate skill in using an extended range of drawing materials and processes to confidently create dynamic relationships between the body and its surrounding space;', 'Demonstrate they possess an understanding of the relationship of drawing to the creation and manipulation of form and space;', 'Demonstrate they are capable of creating drawings in a variety of scales and media;', 'Begin to recognise individual responses and make independent judgements on the appropriateness of procedures and techniques for their description;', 'Demonstrate they possess greater understanding of the philosophical, theoretical and aesthetic issues underlying the perceptual drawing process;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']

RAD3042	<p>This 3rd year Unit expands upon the knowledge, skills and judgment acquired in year's one and two of the Course through more in-depth study of five themes that are relevant to radiographic practice.</p>	<p>['Perform and evaluate correct patient preparation and sonographic imaging methods employed in examinations of the upper abdomen.', 'Identify and interpret normal structures, function and common pathological appearances in abdominal ultrasound images.', 'Evaluate the function, application and potential pitfalls of ultrasound instrumentation used in abdominal ultrasound scanning.', 'Analyse clinical best practice with respect to the safe operation of MRI imaging systems and patient preparation with respect to MRI.', 'Justify the appropriate introductory MRI imaging sequences for given clinical indications across key body areas.', 'Appraise advanced radiographic techniques and radiation protection strategies in professional practice.', 'Analyse the biological effects of ultrasound and ionising radiation, radio-sensitivity of specific organ systems and describe the relevant theories of radiation damage and repair mechanisms.', 'Evaluate data collection methodologies, perform basic statistical analyses, report on accuracy and precision of outcomes using p-value, t-tests, Pearson correlations and other appropriate quantifiers.', 'Evaluate advances in instrumentation, quality assurance techniques, relevant protocols and methods employed in breast imaging including medical ultrasound.', 'Apply the concepts of Monte-Carlo calculations, depth-dose curves, interaction cross-sections, tissue conversion tables and beam quality parameterisations to perform numerical dose calculations for a variety of radiographic imaging protocols.', 'Evaluate mammographic technique and the psycho-social elements of breast imaging. Correlate each of these elements to comprehend best practice mammography.', 'Identify personal learning goals with patient-focussed clinical decision making in general radiography including contrast, trauma, fluoroscopic, paediatric and mobile imaging with various patients, encompassing the broader healthcare team.', 'Perform general radiographic examinations of adult patients at the level of competent student radiographer.', 'Perform general radiographic examinations of paediatric and complex adult patients at the level of advanced beginner student radiographer.']</p>
FIT1047	<p>The unit introduces students to fundamentals of computer systems, networks and security. It provides basic knowledge of computer organisation and architecture, operating systems, networking architecture, technology and operation. It introduces the concepts of security goals for protecting common modern computer systems and communication networks from adversaries and the deployment of suitable countermeasures to achieve these goals.</p>	<p>['analyse simple logic circuits;', 'explain and analyse key computer structure and its operations;', 'analyse and evaluate various strategies used by an operating system in managing the system resources and running applications efficiently;', 'describe the operation of communication and networking models and develop simple solutions to network problems;', "critically assess the security threats and risks to an organisation's information assets and propose suitable security control technologies that can be applied to reduce the security risks."]</p>

LAW4125	This unit will examine competition law polices and their operation. The principles relevant to the background and development of contemporary competition law and the role of competition authorities will be explored. The law in practice will be studied through specific globally-relevant examples. The law in practice will be studied through specific examples from Italy and the EU, with emphasis on differences. Students will be offered a site visit to a specialist law firm in Italy. Part 2 will focus on Australian competition law.	['NA']
MKF5981	The management of retail organisations, the application of technology in retail organisations and the application of retail strategic and financial planning. Issues, problems and practices involved in managing a retail operation; the role of the retailing industry in distribution, its structure and its dynamics; retail merchandise planning, buying and control; retail store location, layout, presentation and management; current theories and techniques used in the formulation and implementation of retail business strategy.	['define retailing and its strategic development', 'demonstrate an awareness of the issues, problems, opportunities and practices involved in managing a retail operation', 'describe the principles of retail merchandising, retail formats, retail branding, retail technology, retail experience', 'provide some insights into the management of human resources within a retail business.']
ATS3314	This unit will bring together students from Monash campuses in Australia and South Africa to study the contemporary histories of post-genocide and post-conflict societies, through two specific cases: the South African approach after apartheid and local and global responses to the Rwandan genocide. Held in the winter semester as a two-week intensive, students will spend a week in Johannesburg and a week in Rwanda exploring public debates on memory and justice through visits to memorial sites and museums. Places to be explored include Soweto, the Apartheid Museum, Constitution Hill, the Murambi genocide memorial, and a Gacaca village trial.	['an understanding of the human impact of genocide and conflict on the communities that survive it', 'an understanding of the modern historical contexts in which these conflicts emerged', 'an appreciation of the issues and the agencies involved in rebuilding states and societies after genocide and conflict', 'the capacity to describe and analyse questions of memory and justice using historical examples', 'In addition, students undertaking this unit at fourth-year level will be expected to have the ability to analytically differentiate between the different forms genocide and conflict manifest themselves in.']
SWM5170	Unit content will be developed between the student and an appointed staff supervisor. One piece of assessment will be developed and completed by the student for this unit.	['Work collaboratively with an academic supervisor on the development of an assessment topic and during the completion of the assessment.', 'Integrate research knowledge with past and present professional experience.', 'Work collaboratively with an academic supervisor on the development of an assessment topic and during the completion of the assessment.', 'Combine advanced specialised research knowledge and skills to develop a research-based practice at clinical, program and policy levels.', 'Articulate specialised practice and knowledge and skills in while developing the research report, evaluation report or assignment.', 'Develop and appraise personal role as a professional social work practitioner-researcher.', 'Develop and appraise personal role as a professional social work practitioner-researcher.', 'Prepare a report which would be suitable for publication']

AMU1330	Media industries are increasingly dominated by digital processes of production that have significant economic and social implications. This unit provides students with an introduction to digital graphic and motion graphic editing. It encourages creative approaches, and students will be given opportunities to create media products with a selection of industry-relevant software. They will also be given an overview of the role of innovation in digital media production in changing local and global industry contexts.	['create, manipulate and edit digital images and video using industry-relevant software;', 'explain relevant copyright legislation and proper use practices;', 'analyse and communicate the relevance of digital image and video processes to changing local and global industry contexts.']
CHE6881	The unit will develop a higher level understanding of reaction kinetics, catalysis and reactor design, including:	['analyse and apply isothermal and non-isothermal kinetics', 'analyse the importance of catalysis in heterogeneous catalysis, photocatalysis and biocatalysis systems', 'design and analyse reactor systems using numerical methods and commercial software Aspen Plus', 'synthesize advanced reactor designs for selective industrial applications', 'critiquing contemporary journal articles in conventional industrial catalysis and emerging catalysis']
MTE6884	Materials and principles for energy production, storage and conversion will be covered in detail. Topics include Light harvesting materials, Solar power conversion efficiency, Interaction of light with matter, Commercial and emerging photovoltaic technologies, Concentrator PV, Electrochemical methods, Primary and secondary batteries, Supercapacitors, Photocatalysis, Water splitting and Fuels Cells.	['Appreciate why the energy landscape is changing and the role materials will play in alternate energy technologies in the broad areas of energy production, storage and conversion.', 'Apply the theory behind the operation of photovoltaic devices to predict and quantify the performance of solar cell materials.', 'Appraise various energy storage technologies including batteries, capacitors, and hydrogen storage, and discuss the benefits and shortcomings of each.', 'Assess novel electrochemical technologies including photo-(electro-catalysis), water splitting and fuel cells.', 'Design experiments to assess the performance of energy storage and conversion devices.']
FIT5191	Module 1: In-depth coverage of the protocols used to operate the Internet and intranets, and a selection of major applications, including specific implementations of the protocols and systems. The topics include: Advanced Internet Addressing: IPv6, subnetting, supernetting. TCP Performance and Enhancements: Reno, New-Reno, Fast Retransmit and Recovery, etc. Unicast and multicast routing protocols: BGP4, OSPF, MOSPF, DVMRP, etc. Messaging systems: SMTP, MIME, POP3, IMAP, World Wide Web systems: client-server implementations, HTTP, Real Time Protocols: RTP, RTCP, RSVP. Security and Firewall. Quality of Service issues: DiffServ and IntServ. Network management and Remote File activities.	['interpret complex information contained in the networking protocol standards;', 'analyse and evaluate details of the network protocols related to the: data link network, transport and application layers;', 'evaluate parameters of the data transfer through the local area, backbone, metropolitan and wide area network;', 'analyse and evaluate multimedia networks and network management systems;', 'critically assess threats, vulnerabilities and risks to an organisations' networks and synthesise alternatives with estimates of their effectiveness;', 'conduct forensic analysis of the system when a security breach takes place.']

FIT3175	<p>This unit explores the underpinning theories, principles and practices of interface design to achieve usable computer-based systems. It examines issues in the design of system interfaces from a number of perspectives: user, programmer, designer. It explores the application of the relevant theories in practice. The unit will cover topics such as methods and tools for developing effective user interfaces, evaluation methods such as the conduct of usability and heuristic evaluations, design of appropriate interface elements including the design of menus and other interaction styles. The unit will also focus on designing for a diverse range of users and environments.</p>	<p>[‘explain the theories and principles of usability as applied to interface and interaction design;’, ‘apply usability principles to the design of interfaces for Web, small screen and mobile devices;’, ‘design an interface for user diversity and accessibility;’, ‘employ user-centred design;’, ‘evaluate an interface and interaction design.’]</p>
NUR5927	<p>The advance practice general nurse requires a diverse knowledge and skill base to appropriately and effectively assess and manage clients/patients in a hospital environment. This unit will enable students to develop proficiency in the holistic management of patients with cardiac, respiratory and renal dysfunction, and shock. The unit also encompasses the development of skills which will enable the student to provide support for patients' families and significant others in the hospital environment.</p>	<p>[‘Locate and critically appraise data to support advanced medical/surgical nursing practice.’, ‘Synthesise information in order to plan and implement appropriate, evidence-based, person-centred therapeutic interventions for medical and surgical patients experiencing cardiovascular, respiratory and renal dysfunction, and shock.’, ‘Synthesise information in order to plan and implement appropriate, evidence-based, person-centred therapeutic interventions for medical and surgical patients who experience psychological and behavioural management dysfunction.’, ‘Plan and implement therapeutic interventions which are age specific and culturally relevant.’, ‘Demonstrate effective interpersonal skills in caring for patients and their families and working with members of the multi-disciplinary team.’, ‘Identify the needs of the patient's family and significant others and plan appropriate nursing interventions to address these needs.’]</p>
CMH5002	<p>This unit explores historical, social and political factors influencing the evolution of mental health services in Australia and the major shifts over time in the treatment and care of people with a mental illness. The unit begins with an examination of the theoretical perspectives, influences and trends in mental health care, and moves to a focus on the Australian mental health care system and how it responds to the needs of the Australian community.</p>	<p>[‘Identify major contextual influences on mental health service delivery in Australia’, ‘Demonstrate a knowledge of the major components of the community-based framework of mental health services in Australia’, ‘Integrate their knowledge of policy frameworks and epidemiology with the design of service systems in mental health services’, ‘Demonstrate a knowledge of the range of perspectives of stakeholders actively engaged in mental health care delivery’, ‘Identify the special needs of people from an indigenous and culturally diverse backgrounds’, ‘Critically appraise the reform of mental health service delivery in Australia through the case study of Victoria.’]</p>

RAD5506	This unit extends knowledge of the basic physical principles and imaging methods of magnetic resonance imaging (MRI) to include the MRI imaging techniques associated with cardiac and cardiovascular imaging, diffusion, perfusion and susceptibility weighted imaging.	['Explain the principles of cardiac, vascular, perfusion and diffusion imaging in the context of evidence based practice.', 'Assist in the implementation of advanced cardiovascular techniques, protocols and post-processing approaches for clinical and research applications', 'Assess and clearly communicate analyses from cardiovascular, perfusion and diffusion studies', 'Accurately distinguish between cardiac and vascular structures in the modification of standard MR scanning techniques', 'Appraise pathology as demonstrated by diffusion and perfusion MR imaging', 'Identify on-going professional development needs in relation to MRI scanning in the cardiovascular and tissue perfusion setting']
MEC3451	The foundations of continuum analysis of fluids will be presented. Using control volume analysis the fundamental conservation laws for mass, momentum and energy are developed leading to the derivation of the Navier-Stokes equations. Techniques employed to solving these equations for specific problems are explored. Methods of exact and approximate solutions of these equations, and the use of conceptual and analytical tools such as flow similitude, vorticity, circulation, stream function and velocity potential are described. The concept of boundary layers and its use in the calculation of drag and lift forces is elucidated. The origins and physical consequences of the phenomenon of fluid turbulence are discussed, along with their implications for computation of turbulent flows. The analysis of compressible flows and its applications are discussed. The unit introduces the concepts underpinning the broad areas of fluid acoustics, computational fluid dynamics, environmental fluid mechanics and wind energy.	['Analyse and characterise fluid motion', 'Analyse mass, momentum and energy transfer through fluid regions of any shape or size', 'Construct equations governing the behaviour of fluid particles from the fundamental principles of mass, momentum and energy conservation', 'Assess fluid applications and select appropriate techniques to solve the equations governing fluid behaviour for the design or analysis of those applications.', 'Draw on learning in the unit to articulate the transferable skill acquired in expressing physical ideas symbolically and using mathematical logic to gain useful insight.']
LAW3402	Building on Property A, the unit examines proprietary interests that arise through the operation of equity, and co-ownership of land and goods. It then examines the Torrens System of registered title to land and the Transfer of Land Act 1958 (Vic), including: the registration process; the meaning and purpose of indefeasible title: fraud and other exceptions to indefeasibility; the compensation provisions; status and enforceability of unregistered interests; the caveat system; and the priority rules for registered and unregistered interests.	['Demonstrate advanced and integrated knowledge of property law, building upon learning in previous units;', 'Identify, research, evaluate and synthesize relevant factual, legal and policy issues;', 'Demonstrate the intellectual and legal skills to interpret judicial decisions and legislation;', 'Engage in critical analysis and make reasoned and appropriate choices among alternatives;', 'Demonstrate cognitive skill, creativity and professional judgement to formulate appropriate responses to complex legal problems;', 'Communicate and collaborate effectively and persuasively; and', 'Work with autonomy, independence and professionalism']
MPH5270	Statistical methods for clinical trials data, including design considerations, sequential analysis, bioequivalence and analysis of repeated measures data.	['interpret statistical analysis methods in the analysis of clinical research data.', 'apply statistical methods to clinical research data.', 'determine the implications of statistical considerations for the design of clinical research studies.', 'critically analyse the applied statistical methods in published articles on clinical research studies.', 'analyse clinical research data using statistical software on a laptop computer.']

MDC5201	<p>This unit advances knowledge, methods and principles in interactive system design and focuses on furthering the practical and conceptual skills developed in MDC4201 and MDC4202. In the studio students will be exposed to a broad range of interactive system design methods from holistic thinking and operational thinking to self-organization, and will explore the significance and complexity of contextualization required in systemic approaches in the design process. A major design project encourages students to develop research skills and experience in applying methods and principles of system design to solve complex interaction design issues.</p>	<p>['Research and integrate advanced interactive system design concepts, approaches, theories and principles to own design practice;', 'Utilise contextual diagrams and interfaces as core components in a design outcome with consideration for the basic needs of target users;', 'Apply research, problem-solving methodologies and advanced technical skills to plan and manage complex interaction design solutions from initial concept to final resolution;', 'Communicate ideas and concepts to critically reflect and justify own design through a process of observation, analysis, selection, interpretation and expression;', 'Critically analyse and evaluate the rationale for integrating interactive technologies in a design solution;', 'Understand and apply the rules of occupational health and safety appropriate to the discipline practice.']</p>
ACX3150	<p>This unit explores a range of techniques used to analyse corporate financial performance and valuation of entities. These include: application and use of financial ratios and forecasting techniques, accounting-based and cash flow-based share valuation, credit analysis and financial distress prediction, equity security analysis, and analysis relating to mergers and takeovers. Both Australian and international case studies are used to provide a real-world context.</p>	<p>['access and extract financial information from published financial reports and databases', 'calculate and interpret relevant financial ratios concerned with the profitability, financial structure and solvency of listed public companies', 'apply and critically assess approaches to valuation including discounted cash flow and residual income methods', 'apply valuation methods to contexts such as security valuation, mergers and acquisitions and credit analysis', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with financial analysis and valuation.']</p>
MGZ5640	<p>The unit looks at the ways in which cultural values are expressed in social behaviour and the communication process including non-verbal cues, in different societies and contexts. The relevance of culture to management practices is analysed and illustrated in various national cultural settings. The unit then considers contemporary issues that affect the cross-cultural communication process (e.g.: ethics) before considering the international negotiation process. Objectives, methods of negotiation and ways of negotiating cross-culturally are considered. The unit seeks to impart to students the ability and an awareness of how to communicate effectively in a cross-cultural setting.</p>	<p>['explain the concept of culture and its determinants', 'develop an understanding of the principles of effective cross-cultural communication', 'critically evaluate the role communication and negotiations play in international operations', 'explain the negotiation process and identify and analyse impediments to effective negotiations', 'assess the relevance of culture to management practises in different cultural settings', 'identify and evaluate the links between culture, economic processes and organisations.']</p>

PAR1032	This unit will deliver a structured introduction to public health and the Australian healthcare system. This introduction will address contemporary public health principles and practices including key concepts such as population health, social determinants of health, and the core roles and functions of public health systems, policies and programs. Students will gain a preliminary knowledge of the organisation, current policies and policy debates, funding arrangements and emerging trends in healthcare practice.	['Describe the principles underpinning public health practice.', 'Discuss how behavioural, social, cultural, environmental and political determinants contribute to health outcomes.', 'Describe the components and organisation of the Australian healthcare system.', 'Discriminate between policies which inform, and the arrangements which fund, the Australian healthcare system.', 'Distinguish between the current policy debates and service models relevant to the current Australian healthcare system.', 'Identify the inter-sectorial and multi-disciplinary components of the Australian healthcare system and compare healthcare practices.']
MKM5260	This unit aims to assist students in acquiring a deeper understanding of market opportunities and techniques to identify, develop, implement, monitor and manage international marketing strategies in a volatile market environment. Students will be exposed to contemporary international marketing literature, cases and internet based national/regional and global market information to build their analytical skills for international marketing operations.	['analyse the economic, political-legal, socio-cultural and other environmental factors to understand foreign markets for international marketing operation', 'identify, evaluate and select attractive international markets for international marketing operations', 'apply marketing and management concepts, tools and models in formulating and implementing international marketing plans', 'critically assess and select strategic approaches for international marketing operation of a company', 'develop and recommend implementation of international marketing programs for the company.']
CIV5884	The unit examines the general planning issues of integrated urban catchment management, followed by best management practices in stormwater management. Issues associated with the multiple objectives of urban stormwater management will be discussed in detail.	['apply strategic planning principles for stormwater management.', 'operate within existing legislation in the development of urban drainage designs.', 'develop urban drainage designs, which employ best management practice principles in selection and operation of individual components.', 'select and design treatment sequences that provide acceptable outflows to receiving water.', 'work both independently and collaboratively on complex urban stormwater problems.']
AMU1304	Television Studies: Forms and Approaches gives students an overview of the discipline of television studies. In the course of the semester students will use close textual analysis and key theoretical approaches to examine a variety of TV shows and popular TV genres, such as the Sitcom, Reality Television and Children's TV. Students will explore the main formal features that these shows possess, the reasons for their popularity and the ways in which they impact upon the broader social world. In addition, the unit looks at recent developments in television, such as the move towards viewing content online. As well as studying traditional television programming, students will engage with other forms of "small screen media", such as music videos and YouTube clips.	['Critically analyse TV shows by drawing upon skills in textual analysis;', 'Identify the main features of particular TV genres;', 'Apply theories developed in Television Studies to the analysis of TV shows;', 'Evaluate critical debates on television and on particular TV shows;', 'Plan and conduct written work on how meaning is created in TV shows.']

IDE2303	The unit concerns the matching of products to the capabilities of the human body (Anthropometrics) and to the surroundings in which human beings live and work. There is particular reference to safety, usability specification and testing, and the commercial and legal aspects of product ergonomics.	['Understand the principles and application of ergonomics;', 'Be capable of optimising ergonomics in design;', 'Be able to develop ergonomic check lists for products;', 'Understand and practice the rules of occupational health and safety in force in the industrial design studio.']
BIO4280	This unit provides advanced instruction in quantitative methods, thesis writing and current topics to students enrolled in the honours program in biology. Students will gain an understanding of advanced experimental design, data analysis and scientific writing that will assist them in completing their honours thesis. Further classes and coursework relating to current topics in biology will assist students in critical analysis of journal articles, providing further support for their academic development in research science.	['Demonstrate an understanding of experimental design and sampling methods that are relevant to their research project;', 'Demonstrate an understanding of the impacts of resource limitation on experimental design and implementation;', 'Critically analyse articles from the scientific literature and use this ability to enhance the quality of their own written work;', 'Express themselves clearly and effectively to a scientific audience;', 'Write and manage assessment tasks expeditiously and competently.']
ATS2529	This unit enables students to critically evaluate notions of nationalism in Australian Film and Television. Initially, the course will explore traditional theoretical constructions of nationalism before considering the contemporary reconfiguring of nationalism. This reconfiguring will be performed in relation to discourses such as policy arrangements in relation to political machinations, auteur constructions, traditions of landscape cinema, race relations, multiculturalism, beach culture, the social, globalism, marketing, distribution, gender and criticism. The unit will employ feature, documentary and short film and television examples as well as contemporary and archival audio-visual texts.	['examine a range of film and television texts as representations of Australian national experience;', 'explain the place of the Australian film and television industries in relation to theories of globalization;', 'analyse the impact of government policy and further economic and political constraints on the national film and television industries;', 'analyse texts in relation to contemporary reformulations of nationalism;', 'critically engage with written and visual texts in a clear and confident manner in both written and oral presentation.']
FIT5109	This unit enables students to pursue a particular topic of research in the fields of information technology, information systems or information management. The research is done under supervision, and provides a chance for a student to pursue a topic of interest that has not been covered in other coursework units, or to build more in-depth knowledge in an area with which they already have some familiarity but desire more knowledge and expertise. Students enrolling in this unit should have the approval of the Head of School or their nominee. Assessment comprises a research paper, project report, or equivalent.	['analyse, synthesise and construct arguments from a range of published sources;', 'critique and evaluate others' ideas, opinions and arguments;', 'explain ideas for scrutiny to a supervisor;', 'demonstrate self-reliance and time management skills in order to gain greater independence as a learner;', 'demonstrate the communication skills necessary to work effectively in a close, cooperative relationship with a supervisor;', 'assess the nature and demands of independent research.']
FIT3176	This unit will introduce advanced concepts in the areas of database design, including extended E/R and it's implementation using procedures and packages; data design of unstructured and semi-structured data, like XML and JSON, and it's implementations in database systems.	['design a database model from a given scenario, using the Extended Entity Relationship model;', 'create triggers, procedures and functions to enhance the logic stored in a database;', 'create XML documents and schemas to represent a given scenario;', 'implement, and manipulate, XML structure in a database;', 'investigate the use of other semi-structure data, like JSON, in a database.']

BPS2041	Choosing a suitable route of administration and dosage form for an active pharmaceutical ingredient is a critical step in drug development. It requires consideration of the physiological and physicochemical processes that govern the absorption, distribution, metabolism and excretion of a drug, but other factors, such as patient compliance, also need to be taken into account.	['Discuss the physiological and physicochemical factors affecting drug absorption across the small intestine, via selected alternative pathways and via parenteral drug delivery;', 'Define and calculate pharmacokinetic parameters, predict drug concentrations in plasma and estimate bioavailability.', 'Discuss the factors affecting drug metabolism and excretion and their impact on drug concentration time profiles.', 'Suggest and evaluate formulation approaches for drugs based on their physicochemical properties, physiological factors and medical considerations.', 'Analyse and interpret quantitative data using scientific software packages.']
ACC5903	This unit examines the use of both financial and management accounting information for decision making. Whilst emphasising interpretation by users of accounting information, the unit will also provide students with an introduction and understanding of the preparation, presentation, and interpretation of financial statements. Similarly, the unit will provide an introduction to the preparation and presentation of various forms of management accounting information and aspects of management control. The unit will also provide an introduction to business structures and the governance and regulatory arrangements in respect of financial reporting that pertain to them.	['describe the merits, and regulatory and financial reporting implications of various forms of business structure', 'informed by an introductory understanding of the accounting process and the presentation of financial statements, critically use financial accounting information to make decisions about financial and other aspects of business performance', 'in the decision making context, apply management accounting techniques relating to full and relevant costing, cost volume profit analysis, budgeting, capital management and accounting for sustainability', 'demonstrate the application of judgement, problem solving, critical thinking and analytical skills.']
EAE4025	Physical oceanography is the study of the ocean, its motion and the underlying physical processes. This unit will begin with a brief foray into descriptive physical oceanography, where details of the mean circulation and physical structure of the ocean will be presented along with the oceanographic past and present instruments and observing platforms. The unit will then cover aspects of dynamical physical oceanography particularly relevant for tropical and subtropical oceans, including the introduction of the equations of motion, Ekman layer theory and wind-driven circulation, geostrophic circulation, western boundary currents and internal waves. The unit will then finish by introducing interactions at the air-sea interface and how the related coupled ocean-atmosphere dynamics can lead to climatically relevant modes of climate variability, like the El Nino-southern oscillation.	['Identify the mean circulation of the tropical to subtropical ocean and detail the underlying dynamical principles responsible for this circulation.', 'Appraise how the ocean adjusts to perturbations, and utilise these dynamical principles to explain observed variations.', 'Demonstrate a high level of knowledge of the important numerical techniques used to solve problems in physical oceanography.', 'Critically analyse the scientific literature on ocean dynamics.']
ATS2868	The unit will discuss the normative foundations of the state and of the institution of private property. What is the proper role of government? Why should we obey the law? What is the relation between property and liberty? When, if ever, is the government justified in redistributing property? These issues will be discussed mainly in the light of the work of classical thinkers, but some reference will also be made to contemporary political philosophers.	['explain the various suggested normative foundations of the state and of property rights;', 'critically evaluate arguments made for and against the justification of the state; and,', 'critically evaluate arguments made for and against the justification of private property.']

MEC4417	Review of mass and energy conservation and transfer processes; psychrometry and moist air properties; factors influencing human comfort; calculation of building thermal loads; simulation packages for calculating building loads; air conditioning systems; fans, pumps, ducts, etc in air conditioning plant; control systems in air conditioning plant; vapour compression and absorption refrigeration; air conditioning and refrigeration in transportation; industrial fieldwork.	['Calculate the air condition after undergoing the various psychrometric processes such as heating, cooling, humidification, dehumidification, reheat, preheat and mixing, and size ducts and pipes', 'Determine human comfort level in an air conditioned space and estimate thermal heat loads on buildings', 'Calculate thermal performances of various types of air conditioning and refrigerating systems', 'Evaluate various types of air conditioning systems used in industry and determine the optimal choice for a particular situation', 'Design a complete air conditioning system and structure and present a design report', 'Work effectively in groups to carry out lab experiment.']
AHT3530	This unit focuses on Neo-Baroque aesthetics in contemporary culture and their historical antecedents. The Baroque themes of spectacle, trompe l'oeil excess, and incorporeal experience will be examined with reference to the visual arts from Caravaggio to Borromini. The return of these preoccupations in contemporary art and media will also be explored. Key historical and theoretical topics, such as the status of illusionism and narrative in art, the representation of spirituality, sexuality and death, and the recent 'remediation' of earlier visual forms and ideas will be emphasized.	['Identify the main characteristics of Baroque and Neo-Baroque visual culture;', 'Understand the historical, cultural, and social contexts of Baroque and Neo-Baroque art and media;', 'Understand key aesthetic and theoretical concepts in Baroque and Neo-Baroque visual culture;', 'Perform critical analyses of historical and contemporary works of visual art and architecture;', 'Demonstrate their awareness of the historical and recent precedents for, and dimensions of, their own practice.']
MEC4428	Focus on advanced kinematics and dynamics with a variety of applications in fluid and solid mechanics, robotics and electromechanical systems. Study of how kinematic constraints are incorporated into forming the governing equations and their relationship with constraint forces. Dynamics incorporating collisions. Using rotating coordinate systems to solve dynamics problems. Two- and three-dimensional rigid body dynamics. Consideration of nonlinearities in the dynamic response of everyday structures. Instruction on advanced topics in analytical dynamics, incorporating D'Alembert's principle, Hamilton's principle and the general Lagrange equations. Reinforcement of concepts through computer analysis using Matlab or Mathematica.	['Understand and apply linear and angular momentum, and energy, conservation.', 'Appraise the importance of nonlinear interaction and dynamics in everyday systems and the consequences for their analysis and design.', 'Combine computational with theoretical analysis techniques to solve advanced problems in dynamics.', 'Formulate models of dynamic systems using a variety of different approaches based on Newtonian theory and Analytical Dynamics.', 'Choose analysis methods for systems with nonlinear components or interactions.', 'Interpret the knowledge provided in the course to model both common and complex mechanical systems.', 'Be in a position to build on current knowledge for advanced and/or new topics in dynamics.']
EAE4220	The unit represents the Honours coursework program for the School of Earth, Atmosphere, and Environment and will consist of a series of short courses, a seminar and a theoretical literature review.	['NA']

MGX4000	Basic introduction to research design in management; types of research designs; qualitative and quantitative data collection and measurement techniques; coding data; reliability and validity; qualitative and quantitative methods of analysis; interpreting and discussing results; structuring and writing the research report; integrating individual research into overall management literature.	['critically analyse and interpret basic research designs in the management discipline', 'construct research questions grounded in a theoretical and conceptual framework', 'assess the appropriateness, types, and use of qualitative and quantitative data collection and analysis techniques as a means of investigating and answering research questions in the management discipline', 'identify, search for, and locate secondary data and knowledge relevant to management research, as well as understanding the process of generating or collecting primary data', 'develop academic writing skills appropriate to the discipline for reporting on business management research projects.']
BMS3940	This unit provides the opportunity for high achieving students to work in an active research laboratory to complete a substantial research project in an area of Biomedical Sciences.	['Identify relevant published scientific literature and critically analyse and evaluate the content in the context of the research project', 'Apply knowledge of experimental design with regard to ethical and safety regulations', 'Demonstrate expertise in research methods relevant to the area of research', 'Use appropriate data collection and analysis software to collect and analyse data', 'Maintain accurate and up-to-date records of research procedures, results and outcomes', 'Demonstrate the ability to critically evaluate research findings and how these fit with current knowledge', 'Effectively present research plans and findings orally and via an extended written report', 'Communicate appropriately and effectively with supervisors, laboratory staff and other research students']
MAE3408	This unit commences with the modelling of various dynamic engineering systems, followed by the analysis of their transient and steady-state responses. More sophisticated analytical methods such as root locus and frequency response will be explored and will build the foundation for controller design in the future. Modelling via state-space methods will also be briefly covered.	['Value the significance and relevance of systems and associated control in engineering', 'Formulate linear dynamic mathematical models of various systems (mechanical, electrical, fluid, hydraulic and pneumatic) as well as graphical models (such as block diagrams and signal flow graphs) using time-domain, frequency-domain and state-space techniques together with the unified concept of resistance, capacitance and inertia/inductance', 'Calculate the response of systems as a function of time using classical differential equation solution, Laplace transforms and state-space method', 'Analyse the stability and dynamic performance of a system using root locus and Bode plot methods, and calculate system parameters to achieve the desired dynamic response', 'Recognise the effects of non-linearity in systems and accept the limitations of the use of linear models as approximations', 'Formulate solutions using computer-based techniques (such as Matlab)']

TAD3214	<p>This unit will investigate contemporary issues in the interface of design with society and the environment. Design discourse centered on the moral dichotomies of judgement in design, such as practicality/impracticality, social use/private folly, labour-saving/unneccessary consumption, luxury/environmental nuisance will be critically investigated. The impact of this discourse on the students' areas of specialisation will be specifically addressed in the seminar program.</p>	<p>[Approach existing designs with a critical sense of their deeper social and aesthetic values as well as the popular connotations of their styles;', 'Discern symbolic associations in design and express links with a historical vocabulary of images and metaphors which operate in traditional interpretations;', 'Support their intuitive opinions either in favour of a design or against certain designs with reasoned argument and engage the language of criticism in debating the sense or the vanity of certain spaces and objects;', 'Be able to engage in the imaginative task of analysing design in ways which reveal its strengths and weaknesses;', 'Project discriminating judgements with a sense of critical rigour which explores and challenges the existence of the principles of design;', 'Feel comfortable with iconoclastic views of design classics wherever a coherent or poetic reason for disapproval seems justified.']</p>
APG4681	<p>This unit provides students with a broad understanding of the theory and practice of sociological research, and allows students to develop advanced skills in the research design, data collection and data analysis techniques used in Sociology and cognate disciplines. A variety of social research methods will be explored. This unit also examines a range of theoretical and methodological issues involved in conducting sociological research and considers some of the critiques and limitations of social research techniques. The meaning and significance of both ethics and reflexivity in research practice are also explored. Students completing the unit will also develop important practical skills in conducting and analysing social research.</p>	<p>[an appreciation of the history, philosophy and practice of empirical research in Sociology;', 'an understanding of a range of empirical methods and data analysis techniques used in social research;', 'an awareness of some of the key issues, debates and controversies associated with conducting social research, and an appreciation of the complexity of conducting such research;', 'an appreciation of the meaning and role of both ethics and reflexivity in social research;', 'the ability to undertake practical empirical research.']</p>
ATS2005	<p>This unit will introduce students to advanced intermediate spoken and written standard Chinese. In addition to regular classroom activities, listening and speaking skills will be further developed through project work with a focus on Chinese culture.</p>	<p>[An understanding of some current issues in China and the ability to express personal views on such issues in Chinese.', 'The ability to discuss topics related to their own fields of interest in Chinese.', 'Knowledge of a grammatical framework and vocabulary that enables them to write in a relatively sophisticated manner.', 'The ability to write different kinds of prose and poetry in Chinese.', 'The ability to present their project work in Chinese in a small group.', 'Language proficiency equivalent to Common European Framework of Reference (CEFR) level B1-']</p>

NUR1111	This unit introduces the student to the concepts of health and illness as they relate to health indicators for vulnerable groups, and local and global healthcare. The influence of the social determinants of health will be explored as they impact on the health and personal wellbeing of individuals.	['Identify population health indicators particularly as they relate to vulnerable groups including Aboriginal and Torres Strait Islander people;', 'Describe the social determinants of health including environmental determinants and the impact of climate change on global health;', 'Discuss the role of the nurse/midwife in mitigation and adaptation;', 'Identify personally held values, beliefs and cultural orientation;', 'Discuss the characteristics of a culturally competent health care workforce and health care system;', 'Describe the role that health promotion and population screening play as preventative measures within health care systems locally and globally.']
CDS1002	This unit introduces communication design processes relative to the fundamental principles of typography, image, layout manipulation and time-based design. An understanding of how communication design enhances the human experience is initiated in this unit through observation, critical enquiry, interpretation and the creation of visual and interactive forms. Students will utilise typography both as a communicative and expressive tool. Historical and contemporary examples of visual communication, typography and time-based media will be examined, analysed and discussed, providing the opportunity for students to appreciate and develop skills in typography, page layout, motion graphics and digital media design.	['Construct design solutions using two and three dimensional design elements, image making, typography and time-based media;', 'Develop a responsible, inquiring and adventurous attitude to design problem solving;', 'Recognise and use terminology specific to communication design, typography and digital media;', 'Understand and apply the fundamental elements and principles of basic typesetting and type design;', 'Use the fundamental processes intrinsic to time-based design and motion graphics;', 'Understand and apply the occupational health and safety requirements of this unit.']
OPM5000	The unit appraises and explores the relationship between projects, programs, and portfolios within an organisational context. It includes governance of the project function, alignment with strategic objectives, and the creation of value for the organisation. Leadership theories and the competencies of project leadership, which are required to support effective governance when managing projects, are reviewed.	['Critique the application of developing theories of leadership competence and their application to the leadership of projects, programs and portfolios.', 'Design and communicate suitable advanced governance structures that support the development of a program framework and culture to critically manage risk and uncertainty.', 'Analyse and evaluate how project-based organisations develop policy and strategy, and formulate structures, including program and portfolio management, to link projects to corporate strategy.', 'Assess alignment with organisational objectives and strategic goals, and develop, document and prepare a program management business case for an organisation.']
DWG3518	This unit provides students with a further opportunity to relate to a more expansive definition of drawing and encourages students, through bold graphic experimentation, to maximise their capacity for individual invention and expression in responding to a variety of perceptive and conceptual processes other resources to develop their individual practice in an increasingly informed manner.	['Have a wide graphic visual vocabulary to serve and maximise their individual expressive needs;', 'Have aesthetic sensibilities that enable them to critically determine imagery that bridges both historical and contemporary art;', 'Productively develop a wide variety of visual material and techniques relevant to their major discipline;', 'Have an understanding of the appropriate procedures for complying with OHS and ethical requirements in this area of study.']

BEX3460	The specification, estimation and testing of asset pricing models, including the capital asset pricing model and extensions; the statistical characteristics of financial data emphasising skewness, kurtosis and volatility aspects; volatility models such as ARCH models of financial time series, with applications to stock prices, derivatives, and exchange rates including the forecast performance of these models.	['NA']
EAE4001	Students will do a research project in weather, climate or ocean science. The main relevant areas of research are aerosols (including cloud seeding), boundary layers, climate change, clouds, convection, ENSO, general circulation, synoptic-dynamical meteorology, mesoscale meteorology, numerical modeling, tropical meteorology, and bushfires and fire weather. A full list of projects will be made available to students before enrolling in the MSc program. The research project may be theoretical, computational or observation-based. Each student will work under the supervision of at least one of the academic members of staff. The project will involve a literature review, original research, a written thesis and an oral report on the work. In most cases, the project will continue into the second year of the MSc.	['Understand, synthesise and summarise the existing literature.', 'Identify gaps in our knowledge in their chosen area of research.', 'Advance our knowledge in the chosen area through original research.', 'Present their findings in a written thesis and oral presentation.']
RAD5105	This unit extends a radiographer's existing knowledge of gross pathology affecting the adult and paediatric patient.	['Compare and contrast skeletal pathology and comment on their radiographic characteristics.', 'Identify complex cardio/respiratory pathology demonstrated on radiographic and CT images', 'Critically assess the aetiology, pathology, clinical presentation and complications of abdominal pathology and how imaging can aid in diagnosis.', 'Critically apply knowledge of CNS pathologies to determine the differential diagnosis in CNS imaging']
SWK4400	This unit requires students to work in groups, develop a relationship with a community group or community organisation and develop a group based project. The unit has a focus on the theory and practice of groupwork, including the historical development of this social work method, planning and implementing a groupwork program, communication in groups, group leadership and facilitation and managing group dynamics. Students will also learn to establish and negotiate relationships with organisational personnel in the field, analyse and manage group processes and successfully complete a 'real-world' group project. The unit will introduce students to community engagement, processes of project management and practice challenges in the field.	['Apply the stages of group development to the student group project', 'Analyse the impact of different group leadership styles and processes', 'Demonstrate a beginning level of competence in group problem-solving strategies relevant to a range of social work contexts', 'Critically analyse all aspects of their own group experience through engaging in critical reflection', 'Engage effectively with professionals in a community group or organisation through the use of community engagement processes', 'Articulate the features of an effective community engagement process', 'Examine the group and project processes and outcomes through application of evaluation methods appropriate to a range of groupwork interventions.']

MAE2405	<p>The course provides an introduction to aircraft performance with the aim of enabling students to predict answers to questions such as: how high, how fast or how slowly can an aircraft fly, how quickly can it climb or turn in a circle, how much runway does it require to take off and land, and how much fuel does it need to travel a given distance.</p>	<p>['Calculate air properties at different altitudes according to the standard atmosphere model', 'Appreciate the application of concepts of conservation of mass, momentum and energy in fluid mechanics', 'Describe the central mechanisms of aircraft lift and drag production and using them to estimate boundary layer drag and lift-induced drag forces on aircraft', 'Distinguish why different powerplant classes are appropriate to different flight speed regimes, and how fuel use is characterised and to calculate aircraft range and endurance in powered and unpowered flight', 'For steady level flight be able to calculate how aircraft drag and drag power vary with flight speed and altitude, and able to calculate aircraft maximum and minimum speeds', 'Calculate speed and angle of climb in steady climbing flight', 'Calculate bank angle, turn speed and radius in steady horizontal turning flight at a given load factor', 'Calculate runway lengths required for takeoff and landing', 'Discuss the concepts of aircraft static longitudinal stability and neutral point', 'Explain the mechanisms of lift production in supersonic flight and how that differs from subsonic flight', 'Explain the reasoning underlying the introduction of wing sweep']</p>
FIT2014	<p>This unit introduces formal languages, models of computation, and computational complexity. It looks at what computers can and cannot compute. Topics include finite state automata, regular expressions, grammars, pushdown automata, computable functions, Turing machines, polynomial-time reductions, complexity classes P and NP, and NP-completeness. Skills at writing formal proofs will be developed.</p>	<p>['use propositional logic, predicates and quantifiers to represent and analyse problems in the theory of computation;', 'construct Finite Automata, Nondeterministic Finite Automata, Context-Free Grammars, and Turing Machines to describe languages;', 'convert Regular Expressions into Finite Automata and vice versa;', 'find a Regular Grammar for a Regular Language;', 'find a parse tree, leftmost derivation and rightmost derivation for a word in a Context Free Language;', 'use Turing Machines to represent computable functions;', 'demonstrate the limitations of the models of computation considered;', 'show a language is not regular, or not context-free, or not decidable;', 'show that a language is in P, or in NP, or NP-complete;', 'write rigorous formal proofs, including proofs by construction, cases, contradiction and induction.']</p>
ATS3022	<p>The aim of this unit is to provide chamber music students in the Sir Zelman Cowen School of Music the opportunity to be mentored by experienced and world-class chamber-music performers. The unit will consist of master-classes and workshops by tenured and visiting musicians. Students can expect to learn advanced rehearsal strategies and techniques in context of chamber music and they will participate in high-profile commercial public performance opportunities.</p>	<p>['collaborate with others to plan, rehearse and perform selected chamber music;', 'identify and analyse the group psychology of music performance in a chamber music setting;', 'apply music leadership skills appropriate for the chamber music available for their instrument or voice;', 'perform in a commercial chamber music performance.']</p>

AHT2025	<p>This unit concentrates on the artist's body in art, including photography, performance, painting, sculpture, video and multi-media art. It will consider examples from the history of 20th century art but will focus primarily on art practice since 1960. The unit will deal with issues of identity, gender, sexuality and difference, drawing on performative theories of subjectivity. It will look closely at experimental art practices and how these practices have sought to close the gap between art and life; from the Happenings of the 1960s, through the body art of the 1960s and 70s, to relational aesthetics, and flash mob performance works in the 2000s. The unit will investigate live action in contrast to represented action, and will consider the live action and its remediation in video, digital art and film.</p>	<p>['Have developed a detailed understanding of contemporary, experimental art and performance practice which centres on the body;', 'Have developed a working knowledge of the key debates and theoretical dialogues that have occupied artists and critics in relation to performativity in art;', 'Have developed skills in visual and critical analysis that can be applied to the investigation of the body and its performativity in art;', 'Have acquired the ability to research and write from an informed position about the body in contemporary art.']</p>
IAR4117	<p>Projects are student-generated and complex, usually addressing specialised commercial contexts. Building code and other statutory requirements are researched and resolution of these issues is required as part of the project requirements. Students undertake research studies in specific contemporary discourses and practices pertaining to their project, which may include interior, environmental and architectural design and related social theory. Students develop and articulate their individual project approaches and design philosophies in studio discussion, whilst planning their design process and scheduling the project demands through the semester.</p>	<p>['Demonstrate understanding of a specialist application of interior architecture, with particular reference to relevant contemporary interior, environmental and architectural design and discourse; and the complexity of human needs that this interior architecture application addresses;', 'Articulate a personal aesthetic, cultural and social position relative to it;', 'Combine this understanding and capability with the development of an interior architecture project brief and schematic designs that can lead to a high degree of resolution of all project factors;', 'Communicate various stages of the project with high quality presentations;', 'Self-manage the scheduling of project work;', 'Identify, understand and be capable applying the pertinent planning, building code, and other statutory requirements;', 'Observe and employ occupational health and safety principles and rules appropriate to studio practice.']</p>
ATS2595	<p>The unit examines the course of German history from 1918 to 1945, focusing on the development, policies, course and implications of National Socialism as movement and regime. It explores the development, nature and decline of the Weimar Republic, the intellectual origins and rise of National Socialism, the development, course and nature of National Socialist domination, National Socialist policies of political killing and genocide, support for and opposition to National Socialism, and the impact and consequences of National Socialism for Germany and the world.</p>	<p>['identify the major causes for the failure of the Weimar Republic;', 'recognize the complexity of social developments that characterized the Weimar and Nazi periods;', 'interpret primary source materials;', 'develop their own views on the relationship between modernity and Nazism;', 'critically assess the works of other historians;', 'communicate critical abilities in a written analytical exercise.']</p>

FIT3098	<p>This unit introduces students to a critical understanding of the impact of information and communications technology (ICT) within contemporary social relations. In particular, the unit explores the ways in which the diffusion of ICT has reshaped thinking and practice within the workplace, communities, and society more broadly. Particular emphasis is placed upon the relationship between human activity and technology, the various ways in which the latter might replace or augment the former, and the consequences that might follow from such changes.</p>	<p>['explain the social impact of information and communications technology (ICT) upon activities in the workplace, communities, and society;', 'recognise the contemporary debates concerning the changing role of ICT within the workplace, communities, and society;', 'identify social informatics as a problem-oriented discipline;', 'analyse and critique discussions of the social impact of ICT.']</p>
PSY6261	<p>Students will become familiar with the use of appropriate paediatric neuropsychology assessment tools and will learn the skills required to obtain a comprehensive history from parents, teachers, hospital case notes and other relevant information sources. Assessment and management of the behavioural consequences of neuropsychological deficits will be discussed, together with the provision of parent education and school interventions. The importance of conveying neuropsychological findings and recommendation in a clear and interpretable manner for non-psychology professionals, such as teachers and careers, will also be an area of focus.</p>	<p>['Be familiar with the main stages of central nervous system development, and the impact of these stages on normal cognitive functioning;', 'Be fully aware of the impact that various neurodevelopmental disorders, various neuropsychiatric disorders or several kinds of acquired brain injury might be expected to have on the development of cognitive skills;', 'Be familiar with theories of recovery function during childhood and adolescence, and appropriate rehabilitation and management strategies;', 'Be competent in taking a comprehensive case history, in selecting and administering neuropsychological tests suitable for each developmental period, and interpreting the results of these;', 'Be able to effectively impart their neuropsychological findings and recommendations to non-professionals such as parents and teachers; and', 'Feel confident working with children, parents, teachers and professional childcare workers.']</p>
ACW3041	<p>Overview of auditing, the auditor's legal liabilities, audit process and evidence, the concepts of materiality and risks, study and evaluation of internal control, EDP auditing, audit sampling techniques, the test of transactions cycles and the verification of account balances, auditors reports, and internal and operational auditing.</p>	<p>['demonstrate an understanding of the role, limitations and demand for audits in modern corporate society including the auditor's professional, ethical and legal obligations', 'examine the auditor's role in corporate governance with particular emphasis on the detection and reporting of fraud and error', 'describe the assurance framework, and apply planning processes and evidence gathering procedures that are used by auditors to form an audit opinion', 'apply critical thinking, problem solving and presentation skills to individual and / or group activities dealing with auditing and assurance and demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of the topics covered by ACW3041.']</p>

AZA3771	The student needs to be knowledgeable about all four phases of project management; from planning to evaluation. Related skills include marketing, budgeting, decision-making, motivating, mediation, creative thinking, problem-solving and monitoring. Practical strategies will be learned such as Goal Attainment Task Completion Scales and the Delphi and nominal group techniques. The students will receive ample opportunity to work in a team to strengthen their interpersonal skills. Since this is a specialisation field, the student will have the option to choose this unit to complete the major.	['Identify and describe the four phases of project management;', 'Lead and motivate a project team, demonstrating skill in decision-making and mediation;', 'Understand marketing principles and basic budgeting;', 'Utilise a monitoring tool to keep track of project progress;', 'Understand the source of creativity and implement it for the purposes of problem solving;', 'Demonstrate insight into how organisational change can be brought about in the child and youth care context.']
BTW3221	This unit provides an introduction to Australian taxation law and practice with a focus on individuals as taxpayers undertaking personal services, property and business activities. Income tax (including CGT), GST and FBT are covered.	['understand the operation of the Australian taxation system including the interaction of income tax with other taxes', 'identify conceptual structures in core tax provisions and apply them in an ordered approach', 'recognise fundamental tax concepts, identify legislative provisions as well as judicial principles and apply them to analyse personal, property and business scenarios', 'explain and calculate income tax (including CGT), GST and FBT.']
ATS2648	This unit explores the dynamics of continuity and change in the society, culture and politics of Japan today. After surveying important aspects of contemporary Japan such as employment, education, domestic life and consumer culture in historical perspective, the unit examines selected issues which are currently being debated in the Japanese media and political arena. Students will be introduced to the key theoretical approaches and analytical tools employed in the study of contemporary Japan. No knowledge of the Japanese language is required, but students also studying Japanese will be given opportunities to use and extend their language skills in optional assessment tasks and class activities.	['Identify the key institutions and issues in contemporary Japan, and the historical context for their development;', 'Demonstrate a critical understanding of the concepts and terms used to describe and discuss contemporary Japanese society and culture beyond Japan;', 'Apply a range of disciplinary approaches to analyse major issues and debates in contemporary Japan;', 'Reflect on the relevance of Japanese experiences of social change to other national and individual circumstances;', 'Explore how contemporary Japanese social and cultural phenomena are reflected in, and shaped by, Japanese language use;', 'Read critically and engage with existing research on Japan;', '(For students of the Japanese language only:) Utilize Japanese language skills in academic research and discussion of contemporary issues in Japan, as appropriate to proficiency level.']
AZA1285	This child and youth development unit will introduce the concept of child and youth development within a person-in-environment perspective as the foundation for further units. The unit promotes the optimum development of children and adolescents with both normal and special needs thus ensuring that they are able to be effective within all the contexts in which they function. This occurs within a historical context of the profession's development which is explored together with an overview of expectations placed on the child and youth care worker in various settings.	['Understand the study field of child and youth care in South Africa', 'Explore the historical development of child and youth development services in South Africa', 'Describe the principles of 'lifespace' work', 'Acquire an orientation of expectations of child and youth care workers in the various child and youth development practice contexts', 'Use appropriate science and technology ethically, effectively and responsibly when dealing with childhood problems without harming society, the environment or individuals.', 'Practice in oral communication on child and youth development to deal effectively with childhood development challenges']

ATS3096	A communicative course designed to further speaking and reading skills in German. The emphasis is on learning to use German correctly in discussing a variety of topics. Component 2 will focus on the highly productive artistic and intellectual developments in modern German and Austrian culture.	[an overview of the main periods, styles, genres, intellectual preoccupations and socio-historical trends in modern German literature;', 'the ability to recognise and analyse a variety of texts in accordance with the categories of genre, style and epoch;', 'reading skills necessary to understand advanced German;', 'essay-writing skills, an ability to engage in informed discussions of literature and culture, using appropriate terminology and applying the range of language skills pertinent to component 1.']
PGC5116	Students completing this unit will develop specialist knowledge and skills in the management of common medical syndromes affecting older people. The unit will focus on pharmacotherapeutics, medication-related problems and the role of pharmacists in the management of older patients with common geriatric syndromes. This unit assumes that students have a pre-existing understanding of the basic principles of medication management and pharmacy practice for older people. For students who have not completed PGC5115 Geriatric Pharmacy Practice, some pre-reading will be provided by the unit coordinator.	[Identify effects of ageing, disease and medications on cognitive function, falls and balance, bone health, bladder and bowel function and pain.', 'Provide evidence based recommendations and interventions to prevent and manage: cognitive disorders, falls, dizziness, osteoporosis, bladder and bowel problems and pain in older people in the context of best evidence,', 'Communicate effectively (oral and written) with patients, carers and other health professionals to complete clinical medication reviews and develop and implement medication management plans.']
ATS3148	This is the second part of a sequence progressing from the intermediate to the advanced levels of Japanese. Activities are built around topics relating to contemporary and historical topics of Japan. This unit will provide students with further opportunities to use formal and academic Japanese with confidence while communicating with Japanese-speaking people in interviews and in-class oral presentations. Students will reinforce 1006 kyooiku kanji.	[Continue to develop their ability to understand authentic Japanese materials in various media with assistance of dictionaries;', 'Understand explanatory texts\n(approx. 2000 characters or more) on various topics related to Japan with the assistance of dictionaries;', 'Speak with native speakers on various topics about Japan, analyse their opinions and discuss pros and cons. They will also continue to develop their skills to communicate using an appropriate speech style in formal situations;', 'Research and discuss the topics studied in class, and refine their ability to do short presentations on focused topics, including group presentations;', 'Demonstrate the ability to compose various texts such as short essays\n(400-600 characters), poetry and reviews in Japanese;', 'Reinforced their knowledge of the kyooiku kanji acquired so far', 'and developed knowledge of an additional 150 kanji frequently used in the Japanese media\n(approx. 900 kanji, including 150 new kanji this semester).']

RTS5120	This unit is a period of professional clinical experience undertaken in the workplace to enable students to develop competency. Students will practice under the supervision of qualified staff, and a clinical workbook will be provided to enable students to document their professional and technical development.	['Apply their knowledge to the practice of Medical Radiations;', 'Demonstrate initiative, problem solving and decision making skills;', 'Act in a responsible, safe and ethical manner and apply these principles to practice;', 'Complete specified tasks and procedures within appropriate time frames;', 'Demonstrate effective communication skills with patients, carers and members of the health care team;', 'Incorporate the evidence based paradigm into their practice;', 'Recognise the limitations of their knowledge and experience and seek advice when required;', 'Practice their profession at the level of the competent practitioner.']
FIT9135	The unit will introduce students to fundamentals of data and computer communications methods and techniques. It covers: ISO and TCP/IP layered protocols; physical layer concepts: data transmission methods, signal encoding and digital data communication techniques; data link control protocol, multiplexing methods; WAN and LAN networking fundamentals; internetworking and transport protocols; and basic concepts of network security.	['describe the underlying fundamental theories and models of transmitting data across a communication channel;', 'identify and describe the concepts and theories of standard network protocols;', 'describe the functions and architectures of local area networks, wide area networks and the Internet;', 'identify and describe fundamental concepts of network security including common threats and countermeasures;', 'evaluate several different design options and formulate a simple network design.']
ACF5903	This unit examines the use of both financial and management accounting information for decision making. Whilst emphasising interpretation by users of accounting information, the unit will also provide students with an introduction and understanding of the preparation, presentation, and interpretation of financial statements. Similarly, the unit will provide an introduction to the preparation and presentation of various forms of management accounting information and aspects of management control. The unit will also provide an introduction to business structures and the governance and regulatory arrangements in respect of financial reporting that pertain to them.	['describe the merits, and regulatory and financial reporting implications of various forms of business structure', 'informed by an introductory understanding of the accounting process and the presentation of financial statements, critically use financial accounting information to make decisions about financial and other aspects of business performance', 'in the decision making context, apply management accounting techniques relating to full and relevant costing, cost volume profit analysis, budgeting, capital management and accounting for sustainability', 'demonstrate the application of judgement, problem solving, critical thinking and analytical skills.']
PGW5209	This unit will provide students with a clinical risk management framework for managing and preventing wounds. This unit will explore the evidential basis for prevention strategies for wounds such as skin tears, leg ulcers, diabetes-related foot wounds and pressure injuries. Students will not only explore patient related issues associated with prevention but also examine the local environment and organisational factors that influence prevention in both the hospital and community setting.	['Examine clinical risk management in relation to wound prevention.', 'Critically evaluate prevention strategies and the evidential basis supporting best practice guideline recommendations.', 'Formulate a prevention pathway for pressure injuries, skin tears, venous ulcers or diabetes related foot ulcers using a clinical risk management approach.', 'Examine patient, local and organisational barriers to wound prevention and develop a plan for overcoming them.', 'Investigate appropriate measures for monitoring effectiveness of wound prevention strategies for the individual and the healthcare service.', 'Design suitable communication strategies for distributing the findings of clinical audits.']

AMU3806	<p>This unit provides a detailed exploration of the research and reporting practices for business, industrial and economic reporting. It canvasses the main documentary sources, geographical locations, key personalities and institutions, and contemporary issues in this field. It places contemporary practices in their larger historical and geographical contexts, and critically considers the professional and social implications and accountabilities of reporting in this specialized field. Please be aware that access to certain technology/equipment will be required for this unit. Contact the unit coordinator for details.</p>	<p>['Demonstrate an ability to identify and research a business / industrial / economic story, conduct interviews and gather appropriate evidence in the appropriate medium;', 'Demonstrate an ability to select an advantageous medium for presentation, and report in a clear, concise and factual way using news conventions in at least two media;', 'Identify, observe key ethical and legal obligations associated with business / industrial / economic journalism, and reflect critically on their own and others' performance in this regard;', 'Work independently and collaboratively in learning and production processes, including online forums, to produce business / industrial/ economic reports;', 'Demonstrate an ability to set and meet deadlines, and report under pressure;', 'Demonstrate an awareness of local, national and international people and events relevant to current affairs and media issues;', 'Demonstrate a critical awareness of the capacities, limitations and socio-professional implications of journalistic practices in the field of business, industry and economics.']</p>
ATS2693	<p>The media is one of the most important elements of any political society. In a liberal democracy its role, political economy and the laws, which regulate it have profound implications for democracy, especially elections. In this unit, the politics of the media is studied with a particular emphasis on elections in established democracies, such as Australia, Britain and the United States. The unit explores the role that the media performs in this context but also how it is used by political actors to impact on democratic-electoral outcomes. The relationship between ever-evolving media technologies, political campaigning and voter behaviour is investigated.</p>	<p>['understand the relationship between the liberal democratic tradition, the media and elections;', 'understand the critical role served by elections in democratic society;', 'understand the legal and regulatory media framework that informs elections;', 'identify the impact of both old and new media technologies on parties and other political actors;', 'develop an argument, or to provide an opinion, and to do so clearly, accurately and concisely both in written and oral form;', 'develop skills of collaboration and team work by working on tasks as a member of a small group, providing and assimilating constructive critical commentary and feedback.']</p>
BFX4080	<p>This unit draws on the academic literature to provide a study of a range of topics relating to banking and finance. It presents a basis for students intending to undertake research into banking and related finance questions. Topics covered include theory of financial intermediation, risk management, efficiency assessment, competition modelling and bank regulation.</p>	<p>['discuss existing theory in the field of banking and its evolution', 'critically assess the usefulness and limitations of this theory in the field of banking', 'apply this theory to relevant current policy issues', 'critically evaluate empirical research and identify major research questions in banking', 'apply critical thinking, problem solving and presentation skills in individual and/or group activities dealing with issues in banking and demonstrate in an individual summative assessment tasks the acquisition of a comprehensive understanding of the topics covered by BFX4080.']</p>
FIT3169	<p>FIT3169 introduces students to immersive environment design and production principles using game engine prototyping software. Building upon the 3D creation and editing skills in the prerequisite unit FIT1033 Foundations of 3D, students will learn how to create game levels, import assets (models, sounds, animations), extend supplied code (JavaScript) to visualise interactive virtual environments for a range of applications and devices.</p>	<p>['analyse and evaluate game asset production techniques;', 'implement game design principles in working interactive environments;', 'construct and create virtual environments;', 'design and develop immersive 3D or 2D game prototypes.']</p>

MKS2431	Topics include the nature and environment of business marketing, buying process in business marketing, marketing intelligence and business market targeting, networking and relationship, planning a business marketing mix strategy, and ethical issues in business marketing.	['define and explain the dynamic nature of business marketing', 'illustrate the organisational buying decision process and the role of buying centre in buying decisions', 'develop competencies in business marketing strategy components', 'demonstrate application of marketing theories and concepts in the management of business marketing functions', 'critically evaluate the techniques that can be used to assess market opportunities.']
ATS3191	The Media Analytics Lab is a multi-disciplinary learning environment where students from the different specialisations in the Bachelor of Media Communication come together to explore new concepts, skills and practices in media analytics such as infographics, data journalism, data mining, digital ethnography, and audience research. Students will devise an analytics research project that can test the capabilities of new technologies and explore applications. The lab fosters creativity and experimentation in media production while also developing professional skills in collaboration and adaptability.	['identify and discuss the communicative and creative role of media analytics in contemporary media environments and business contexts;', 'display proficiency in a variety of media analytical skills and practices;', 'work reflectively, independently and collaboratively with peers to conceptualise and design a media analytics project;', 'apply skills to a media production/project that critically reflects on the evolving technologies and practices of media analytics.']
ATS3930	From the medieval period onwards, expansion brought Europeans increasingly into contact with diverse cultures and civilizations. This unit explores how encounters between Europe and the world were transformed from the tentative and uncertain contacts that characterised earlier periods to the self-confident imperialism of the nineteenth and twentieth centuries. Rather than analysing the broad sweep of political history, we are interested in the leading edge of cross-cultural encounters: in travellers, diplomats, and slaves who 'crossed-over' to engage with new cultural worlds, in the tools that made these encounters possible and in the commodities that underpinned global exchange.	['gain a broad understanding of the historical timeline of European expansion', 'gain a clear understanding of key historical debates about the rise of the West', 'gain a thorough understanding of how cross-cultural encounters changed over time', 'gain a clear understanding of different theoretical approaches that historians have used to conceptualise Europe's encounters with the world', 'explore the evolution of historical debates over Orientalism', 'be able to recognize and analyse key historical themes in the history of cross-cultural encounters', 'learn how to work with archival sources', 'learn how to use visual sources (such as maps) effectively in research', 'have further developed their oral and written communication skills', 'have acquired independent research skills across a range of historical source areas.']

APG5067	<p>This unit examines the relationship between cultural production and consumption and new agendas for sustainable economic and social development developed by UNESCO, the World Bank and other international agencies. By cultural economy we include the broad range of cultural/creative industries, arts and traditional cultural practices and products, handicraft and forms of manufacture. We explicitly situate these as economic practices embedded in wider social and cultural contexts. Through our interdisciplinary and practice-based approach, we examine how cultural economies might be used to provide employment, strengthen identity and resilience and point to more sustainable, less volatile and dependent growth for developing countries. Through lectures, case studies and workshops, students are encouraged to bring their own experiences to bear on this emerging field of development.</p>	<p>['Have a broad overview of contemporary issues in cultural economy and development', 'Have an appreciation of the specific and practical challenges and opportunities for cultural economies in developing countries', 'Apply independent research skills to a range of problems in the field of culture and sustainable development', 'Be able to write and communicate effectively and in analytical depth', 'Have a high degree of intercultural competence and effectively engage with the culture and development agenda in different parts of the world', 'Be able to effectively utilise academic concepts to identify and investigate concrete challenges and issues in cultural development']</p>
FIT2091	<p>Interactive media studio 1 builds upon the skills learnt in Interactive media foundations and introduces students to digital graphic and video technologies for the web. The basics of web design and production introduced in Interactive media foundations are extended in this unit. Students will undertake projects that integrate a range of multimedia resources to design and develop original digital images, motion graphic sequences and interactive webpages. In their final assignment, students will collaborate in groups of two or three to realise their multimedia creation.</p>	<p>['apply digital image and motion graphic editing techniques;', 'evaluate software procedures for digital design and visualisation;', 'create and organise multimedia resources;', 'design and develop digital graphics, video and audio content and display them in a web based context.']</p>
ATS3012	<p>Through an investigation into the key intellectual issues of a multi-disciplinary nature in post-Mao China, this unit will introduce students to a range of literary writings by a young generation of contemporary Chinese writers. Through various research projects students will explore a range of different representations of Chinese culture and society.</p>	<p>['a general knowledge of the social, political and cultural development that has characterised post-Mao China, Chinese society, its people and its culture (through examination of the historical contexts of a number of literary texts published in China after the 1980s)', 'an in-depth knowledge of changes that post-Mao reform has brought to intellectual trends in general and to literature in particular (through critical analysis of a range of literary works by a younger and unorthodox generation of Chinese writers who challenge traditional Chinese literary norms through their exploration of fundamental issues of humanism)', 'the ability to write and speak effectively in standard modern Chinese on a range of intellectual and literary issues, and basic analytical and critical skills required for academic research in Chinese Studies.']</p>

LAW4151	<p>This unit is an introduction to feminist legal theory. It focuses upon reading some selected contemporary feminist philosophers' main texts in order to examine their arguments and to understand them within the context of philosophical problems that underpin law.</p>	<p>['Apply knowledge of, and understanding of recent developments in relation to Law, Gender and Feminism with creativity and initiative to further learning', 'Investigate, analyse and synthesise complex information, problems, concepts and theories in relation to Law, Gender and Feminism', 'Conduct research in Law, Gender and Feminism based on knowledge of appropriate research principle and methods', 'Use cognitive, technical and creative skills to generate and evaluate at an abstract level complex ideas and concepts relevant to Law, Gender and Feminism.']</p>
IMM3042	<p>This unit will review the pathogenesis, diagnosis and treatment of disorders associated with an excessive, defective or unwarranted immune response. Disorders include autoimmune diseases, allergy, immunodeficiency states, leukaemia/ lymphoma and transplant rejection. Prospects for tumour vaccines will also be discussed. How new insight into the cellular and molecular nature of the immune system is enabling improved diagnosis and more effective control of these disorders will be demonstrated. Skills will also be developed in searching and critically reviewing the literature, in assignment writing and oral presentation.</p>	<p>['Analyse the functional and regulatory pathways of the normal immune system;', 'Analyse how pathogens evade the immune system and predict how vaccines could be developed against microorganisms;', 'Distinguish between the pathogenesis of different disorders of the immune system including autoimmunity, allergy, immunodeficiency, leukemia/lymphoma and transplant rejection;', 'Predict strategies for immunosuppression and immunopotential to cure these disorders;', 'Analyse and interpret data from immunopathology experiments, structure a written discussion about immunopathology data, and present an oral discussion about immunopathology data.']</p>
RAD2092	<p>The focus of this unit is on the structure and function of the central nervous system and the pathological basis of disease and injury affecting this system. The anatomical representation and relationships of the bones, organs, blood vessels, nerves and muscles comprising the cranium, chest, abdomen, male and female pelvis, spine, limbs and girdles in multiple planes will be demonstrated through computed tomography (CT), magnetic resonance images (MRI) and digital subtraction angiographic (DSA) imaging. Organization, structure and physiology of nervous tissue, the spinal cord and its nerves and the senses will provide students with a more in-depth understanding of the common disorders affecting the central nervous system including developmental malformations, neoplasia, demyelinating and degenerative disease processes, infective processes, cerebrovascular disease and traumatic brain injury. The unit is particularly designed to prepare students for their CT studies in year three of the course.</p>	<p>['Explain the basic components, structure and function of the central nervous system including the special senses;', 'Describe the anatomy of the skull, brain and associated structures;', 'Describe important pathological processes affecting the central nervous system including the special senses;', 'Distinguish between normal and abnormal pathophysiological processes affecting the central nervous system and its blood supply as they appear on CT, MR and DSA images;', 'Name and identify the anatomy of the skull and central nervous system as seen on sectional computed tomography and magnetic resonance images;', 'Compare and contrast the CT, MR and DSA appearances of the vascular supply of the head and neck;', 'Discriminate between the osseous and soft tissue components, important muscles and blood vessels of the chest, abdomen, pelvis, spine, and limbs on CT and MR images.']</p>

BFW3540	Topics include the development and application of financial spreadsheets, Excel and Visual Basic programming in financial modelling, modelling company financial statements, fixed income securities analysis, asset allocation and portfolio analysis, optimization using Solver, Interest rate models, option pricing models, numerical methods and risk management models.	['apply knowledge and skills in the use of Excel and Visual Basic', 'develop skills in the design and implementation of efficient and robust financial models such as option pricing, portfolio and interest rate models', 'apply critical thinking, problem solving and presentation skills to individual and/or group activities dealing with advanced modelling in finance and demonstrate in an individual summative assessment task the acquisition of a comprehensive understanding of the topics covered in BFW3540.']
CIV4286	Need for project management; the project management context; fundamental project management processes and knowledge; tools and techniques for a structured application to project selection and planning including project brief/ideation/concept embodiment decision support tools, numeric profitability and scoring techniques, and EMV/decision tree risk quantification tools; analytical tool application to project scope, time, cost, risk, human resource, OHS and quality issues. Review of company financial management concepts.	['Apply project evaluation techniques including the triple bottom line against the overall business model', 'Identify the elements of the project life cycle, including plan, control, and organize and allocate resources.', 'Evaluate and apply the basic tools and techniques to plan, organize, and manage a project.', 'Identify strategic constraints in managing the scope, time, cost and quality components.', 'Explain the interconnection of quality, risk and contract management.', 'Discuss professional responsibility, occupational health & safety and ethical conduct.']
LAW4225	This unit focuses on forms of problem-solving, dispute prevention and dispute resolution outside the adversarial system. It examines ways of lawyering that employ non-adversarial, psychologically beneficial and humanistic methods of solving legal problems, resolving legal disputes and preventing legal difficulties. Students will learn about a range of non-adversarial processes in both the civil and criminal justice systems and the theories behind them. A focus of student learning will be upon understanding when the use of such processes may be appropriate or inappropriate. The aim of teaching students this is to help them to understand the role that lawyers can play in preventing conflict and in providing non-adversarial means of conflict management or resolution. Students will be asked to reflect upon the role that lawyers can and do play in non-adversarial processes and upon the ethics of legal practice in such circumstances.	['Be able to critically analyse the nature of the adversarial system, including its benefits and pitfalls', 'Be able to describe the nature of non-adversarial justice, the theories behind the movement and the reasons for the perceived need for non-adversarial processes', 'Articulate and apply theories of interpersonal conflict, how disputes arise, conflict management and dispute prevention', 'Be able to explain and evaluate the theoretical underpinnings and the nature of a range of non-adversarial processes in civil, criminal and family law processes.', 'Learn and work autonomously, using feedback to improve their performance', 'Communicate effectively and persuasively both orally and in writing on issues relating to non-adversarial processes', 'Evaluate how lawyers can work effectively with non-adversarial processes', 'Comprehend and evaluate appropriate ethical standards of conduct of lawyers and other professionals working with non-adversarial processes', 'Demonstrate skills in observation and critical analysis of legal processes including making recommendations for changes or law reform']
ATS3061	This unit explores select twentieth- and twenty-first-century musics in Australia. By examining various socio-political perspectives, such as multiculturalism, the unit also investigates the cultural impact of music in the Australia as well as the way in which individuals and groups engage in musical practices.	['Identify and analyse the stylistic changes that have influenced the development of music in Australia;', 'Explain how various socio-political values have shaped music and musical practices in Australia;', 'Demonstrate academic research, writing, group work and oral communication skills.']

AZA2787	<p>The unit provides a detailed exploration of the production practices, resources, technologies and genres of Online Journalism, including video, audio, graphic and interactive formats. It explores the research capacities and information sources available through the internet. It critically considers the implications for South African and African journalists of different modes of audience engagement and editorial positioning, including social networking media, blogs and wikis. It explores topical debates on the implications of the new medium and the possibilities it offers to citizens. It covers both news and longer form feature and documentary genres. Please be aware that access to certain technology/equipment will be required for the unit. Contact the unit coordinator for details.</p>	<p>['Demonstrate an ability to identify and research a news story, conduct interviews and gather appropriate evidence', 'Demonstrate an ability to report in a clear, concise, factual way using news conventions in at least two media', 'Identify, observe key ethical and legal obligations associated with news reporting, and reflect critically on their own and others' performance in this regard', 'Work independently and collaboratively in learning and production processes, including online forums, to produce news reports', 'Demonstrate an ability to set and meet deadlines, and report under pressure', 'Demonstrate an awareness of local, national and international people and events relevant to current issues and media issues', 'Demonstrate a critical awareness of the capacities, limitations and socio-professional implications of online journalistic practices in the African context.']</p>
SWM5170	<p>Unit content will be developed between the student and an appointed staff supervisor. One piece of assessment will be developed and completed by the student for this unit.</p>	<p>['Work collaboratively with an academic supervisor on the development of an assessment topic and during the completion of the assessment.', 'Integrate research knowledge with past and present professional experience.', 'Work collaboratively with an academic supervisor on the development of an assessment topic and during the completion of the assessment.', 'Combine advanced specialised research knowledge and skills to develop a research-based practice at clinical, program and policy levels.', 'Articulate specialised practice and knowledge and skills in while developing the research report, evaluation report or assignment.', 'Develop and appraise personal role as a professional social work practitioner-researcher.', 'Develop and appraise personal role as a professional social work practitioner-researcher.', 'Prepare a report which would be suitable for publication']</p>
SWM5190	<p>Topics include the purpose of research and its place in social work; research ethics including intellectual property issues; research designs including qualitative, quantitative, exploratory and experimental methods; developing research questions and hypotheses; sampling and data analysis including statistical analysis and writing research reports.</p>	<p>['ethical issues relating to research with humans;', 'issues relating to the place and role of different types of research in Social Work;', 'the principles underlying qualitative and quantitative research;', 'research design, research questions and data collection methods;', 'a range of statistical techniques and when it is appropriate to use them.\n\nStudents are also required to demonstrate their ability to develop a research proposal.']</p>
TDN5001	<p>The unit develops the capacity to confidently engage in current design research practice and methods. Regular group and individual critiques of the design research applied to a project will be undertaken. Both the intentions of students and the results of their work are debated in group discussions and critical sessions. Students will be expected to demonstrate a capability to investigate design research as part of design practice.</p>	<p>['Investigate a range of current design research methods for design practice;', 'Evaluate and apply design research methods to a design project, demonstrating a synthesis of complex theories, concepts and propositions;', 'Communicate specific design strategies and approaches reflecting on the outcomes of design research in design practice;', 'Clearly articulate a design methodology and its critical application to the discourse of a design practice.']</p>

ATS2371	The unit enables students to gain understanding of what magic, ritual and spiritual beliefs means to people in the modern world. It also introduces first year students to some of the contributions that anthropologists and sociologists of magic and religion have made to knowledge of human societies.	['describe and explain what magic, ritual and spiritual beliefs mean to people in the modern world;', 'appraise the contributions that anthropologists and sociologists of magic and religion have made to knowledge of human societies;', 'employ case studies of rituals and associated cosmologies in a variety of sociocultural settings to examine critically the cultural borders established between the fields of science and spiritual belief.', 'read, think and respond reflectively and critically to global issues and challenges;', 'utilise developing academic qualitative research skills to locate, link, critically analyse and communicate theory and evidence.']
MEC3456	This unit conveys the fundamentals of numerical analysis techniques for root-finding, interpolation, integration, the solution of ordinary differential equations and data analysis, and Matlab is employed to demonstrate their implementation. The role computers play in both the solution of engineering problems and the acquisition and analysis of data is explored through consideration of common partial differential equations in mechanics, and their solution via finite difference, finite volume, and finite element methods.	['Apply appropriate mathematical and numerical techniques to solve common engineering problems.', 'Construct algorithms and programs that can solve engineering problems by integrating multiple numerical techniques.', 'Apply these programs to engineering problems in order to generate solutions.', 'Analyse and interpret data using numerical techniques.', 'Assess algorithms, programs and solutions for error, stability and accuracy.']
FIT4010	Algorithms are the most fundamental area for all aspects of computer science and software engineering. Discrete structures, such as those treated in graph theory, set theory, combinatorics and symbolic logic form the mathematical underpinning of the study of algorithms. As well-designed algorithms and data structures are essential for the good performance of an information system, an in-depth understanding of the theoretical properties of algorithms is essential for any computer scientist. As importantly, the theoretical investigation of algorithms leads to a deeper understanding of problem structures and classes of problems and the knowledge of a large variety of algorithm types enables the designer to approach a new problem from different angles. Topics for this unit may include: Computability and Complexity, Automata Theory, Advanced Analysis and Design of Algorithms, Parallel and Distributed Algorithms, Numerical Algorithms, Cryptographic Algorithms, Spatial/geometric Algorithms, Approximation Algorithms and Randomised Algorithms.	['critically analyse and assess algorithms for use in the chosen specialisation area;', 'be able to formally analyse algorithms in this specialisation area;', 'choose and apply algorithms and data structures in the specialisation area;', 'design and implement modified algorithms in the chosen area to suit particular problem structures.']

APG5389	<p>This unit introduces students to the structure of the tourism industry from a global perspective. The key questions of: what types of tourists exist, who are the key players driving development and what are the basic economic principles of demand, supply and yield management that underpin its existence are addressed. Students are then presented with an overview of basic international service marketing concepts within a marketing planning framework. Topics include marketing research and analysis, the marketing mix, segmentation, target marketing, marketing strategy, communication methods, advertising, public relations and publicity.</p>	<p>['An understanding of the structure and operation of the tourism industry globally, and within Australia', 'The ability to undertake a critical analysis of tourism marketing strategies employed by countries, regions and individual firms', 'An understanding the basic economic concepts associated with the tourism industry', 'An understanding of the concepts and theories of marketing as applied to the tourism industry', 'An understanding of the basic techniques and tools of marketing management as applied to the tourism industry', 'Developed their research and presentation skills on tourism related subjects.']</p>
FIT4442	<p>This unit is a research unit and a core requirement for all FIT Honours degrees. Due to the nature of IT, a wide range of Honours project types can be offered to students. Some project components are of a practical nature and may involve some software development and/or experimentation, while other components are of a more theoretical nature.</p>	<p>['design a rigorous Bachelor Honours level research project and develop project proposal;', 'critically review research literature, research design and reported findings;', 'evaluate and select research methods and techniques of data collection and analysis appropriate to particular research designs, projects and disciplines;', 'conduct ethical research;', 'communicate research findings in written and oral form in research and industry settings.']</p>
MAE2402	<p>This unit provides the discipline basis for applications in energy, power and heat transfer. It is the core unit in the discipline of thermal sciences, providing a basic level of knowledge and problem solving capability in thermodynamics and heat transfer. The thermal sciences disciplines are central to mechanical and aerospace engineering, being used in the design and analysis of energy conversion devices and systems. Inevitably, in those conversion processes involving heat, analysis and consequent design requires an understanding of the basic heat transfer mechanisms. Thus, the unit is core to understanding aircraft propulsion and computational heat and fluid flow at later year levels.</p>	<p>['NA']</p>
NUR3003	<p>Education is a key part of the work of health care professionals through provision of patient, peer and student teaching. Understanding teaching and learning theories and approaches is fundamental to delivering effective teaching. This unit aims to introduce students to teaching and learning for clinical practice. It will explore theory underpinning teaching and learning as well as provide opportunities for skills development in planning and delivering teaching.</p>	<p>['Evaluate contexts where education is provided in clinical practice and the factors that impact on effective teaching and learning', 'Critique relevant educational theories and their relationship to teaching and learning practices', 'Choose and justify approaches for planning, evaluating and assessing teaching and learning.', 'Evaluate the role of education in health promotion', 'Apply the principles of team dynamics and group processes in an interprofessional workshop', 'Conduct a peer teaching session and reflect upon their own perspectives on teaching and learning.']</p>

SCI2400	<p>This unit presents an insight into how science contributes to the development of a society through the eyes of astronomy. The unit uses some of the key astronomical discoveries to demonstrate a complex interaction between pursuing scientific knowledge and how such discoveries influence our society. We will start with the discoveries of Galileo Galilei in early 17th century and how they were influenced by the historical and cultural setting nurtured by the Medici and Lorraine families, the founders and rulers of Tuscany. We will then explore how the development of instrumentation for experimental demonstrations in the 18th century, such as planetariums, were used to popularize science among the public. We will then fast forward to the 21st century and tap into astronomy topics for which new telescopes, such as the Square Kilometre Array (SKA) and the advanced Laser Interferometer Gravitational-Wave Observatory (LIGO), are still being constructed. The activities will be delivered through visits to museums and observatories, classroom discussions and research-based activities. Students will develop awareness of how scientific discoveries are created and propagated in an internationalised world.</p>	<p>['Discuss the development of some of the key astronomical discoveries', 'Discuss the importance of science to the human endeavour', 'Demonstrate research skills in an international cultural context;', 'Demonstrate oral and written skills, and construct evidence-based arguments through a collaborative project', 'Demonstrate an ability to work productively in an interdisciplinary team with other students.']</p>
BMS5007	<p>This unit will examine case studies of medical biotechnology research and development, and will consider the industry context in which biotechnology is commercialised including: industry structure and competition; methods of financing, management approaches; the regulatory environment; product development and its commercial protection via intellectual property; and taking the product to market.</p>	<p>['Interpret and critically evaluate the pathways from discovery science that lead to innovation and commercialisation of biotechnology innovations;', 'Analyse and evaluate the critical role of intellectual property in the commercialisation of biotechnology;', 'Apply advanced knowledge of how the major regulatory bodies [e.g. TGA (Therapeutic Goods Administration); FDA (Food & Drug Administration); CTN (Clinical Trial Notification Scheme)] deal with specific innovations in the biotech / medtech sectors;', 'Evaluate and critically assess and predict the potential for commercial development and success of a specific biotechnology innovation;', 'Systematically build and validate arguments and opinions by sourcing and critically deconstructing relevant material and information, working both independently and as part of a team;', 'Effectively communicate complex concepts on scientific content and business processes in written or oral formats.']</p>
BEX5660	<p>Underpinnings of modern macroeconomics basic to models of growth and cyclical fluctuations as well as models of monetary and fiscal policies. Topics include neoclassical and endogenous growth theories; overlapping generations models with and without money; policy ineffectiveness issues; equilibrium business cycle as well as traditional Keynesian models of fluctuations; and models of incomplete nominal adjustment such as those of New-Keynesian and the Lucas-Supply variety.</p>	<p>['understand the basic theoretical structures common to modern dynamic macroeconomics. In particular, critical analysis of the economic reasons underlying the formation of policy and movements of various macro-aggregates', 'understand the key determinants affecting economic growth and fluctuations', 'enhance understanding of the basic theoretical approaches employed in specialist fields such as international economics, economic development/growth, applied general equilibrium and financial economics.']</p>

AMU2453	The unit introduces critical and practical approaches to research in the social sciences, presenting first a critical overview of the rationale for research practice in industry and academia, and then an outline of various traditions of inquiry. This material is followed by a series of lectures on specific quantitative and qualitative research methodologies. The material is framed within an ongoing review of key ethical and critical concepts.	['Understand the uses of quantitative and qualitative research methodologies in academic and industry contexts;', 'Understand the uses of quantitative and qualitative research methodologies in science and non-science environments;', 'Understand the nature and use of a theoretical framework in a research project;', 'Define and formulate a research project, including hypotheses, research problems and questions, goals, ethical considerations, literature reviews,theoretical frameworks, and data collection, analysis and interpretation methods;', 'Demonstrate sound awareness of ethical principles in research practices;', 'Reflect on relationships between local and global frameworks in developing approaches to research.']
BFF1001	As a foundation, this unit introduces students to the concepts of finance, financial mathematics, investment analysis, the financial system, risk management and the relationship of finances to other commercial disciplines.	['demonstrate an introductory understanding to the concepts of finance in preparation for additional study in the discipline', 'describe the foundation concepts of finance', 'relate the concepts of finance to other commercial disciplines.']
ACF5130	The focus of this unit is on the process of business valuation. Topics include capital markets issues, evaluation of industry profitability, accounting analysis including evaluation of earnings management techniques, preparation of pro-forma statements, forecasting, bankruptcy analysis, and business valuation techniques.	['compare and contrast approaches to business valuation', 'apply economic, industry and business analysis in the valuation process', "evaluate an entity's accounting information and perform fundamental and financial analysis using a contemporary approach", 'apply prospective analysis including forecasting and valuation to a merger and acquisition case', 'develop capabilities to work effectively in a group; and/or demonstrate effective individual research skills to produce a professional quality business document to solve a valuation problem; and/or deliver a professional quality presentation; and/or develop oral communication skills and demonstrate independent thinking through contributions to class discussions; and demonstrate in individual summative assessment tasks the acquisition of an comprehensive understanding of the topics covered by this unit.']